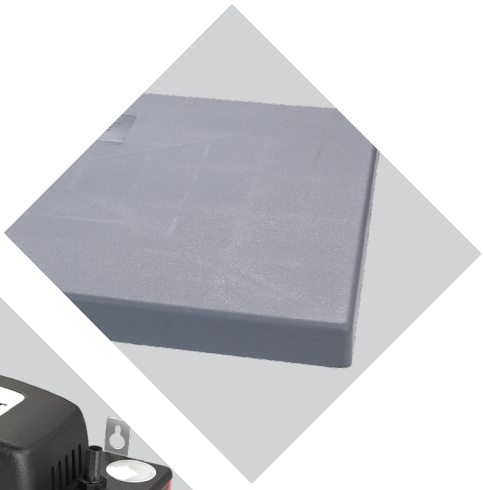
DIVERSITECH®





HVAC/R

PRODUCT CATALOG

ISSUE 29











Simplify Your Work™

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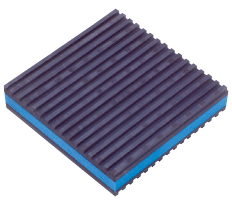


EQUIPMENT MOUNTING









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STANDARD PLASTIC PADS

E Lite's rugged design provides uniform and generous ribbing for optimum, self-leveling ground support without inserts. The result is a pad that is lightweight, but not too light. A subtle texture prevents unit slide and presents a classic appearance, which is enhanced by rounded edges and a concrete gray color. Each pad is molded with a size label and a symbol representing content of recycled material.





E Lite® Pads - 2"

The 2" thick E Lite® pad is the choice for plastic pads. Codes have moved toward requiring 3" pads, check local codes for your requirements.

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
EL2424-2	24 X 24	6	44	310	EA	44
EL2430-2	24 X 30	9	22	203	EA	22
EL2436-2	24 X 36	10	22	270	EA	22
EL2626-2	26 X 26	9	22	201	EA	22
EL3030-2	30 X 30	9	22	209	EA	22
EL3036-2	30 X 36	13	22	290	EA	22
EL3040-2	30 X 40	14	22	307	EA	22
EL3232-2	32 X 32	10	22	231	EA	22
EL3434-2	34 X 34	14	22	306	EA	22
EL3636-2	36 X 36	12	22	291	EA	22
EL3640-2	36 X 40	18	22	380	EA	22
EL3648-2	36 X 48	25	22	384	EA	22
EL3842-2	38 X 42	17	22	446	EA	22

An injection molded equipment pad created from 100% recycled materials to minimize environmental impact. It does not require any additional equipment for moving and handling. EcoPad™ is resistant to impact, ultra-violet degradation and weathering (virtually impervious to climatic variations), and will not crack, flake, or warp. Drillable to permit installation of refrigerant and electrical lines under and through the pad and to allow equipment to easily secure to the pad.



EP3636-2

EcoPad™ - 2"

The 2" thick EcoPad™ is the choice for plastic pads, Codes have moved toward requiring 3" pads, check local codes for your requirements.

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
EP2424-2	24 X 24	6	24	166	EA	24
EP2436-2	24 X 36	10	24	227	EA	24
EP2626-2	26 X 26	9	24	226	EA	24
EP3030-2	30 X 30	9	24	224	EA	24
EP3036-2	30 X 36	13	24	294	EA	24
EP3232-2	32 X 32	10	24	260	EA	24
EP3434-2	34 X 34	14	24	339	EA	24
EP3636-2	36 X 36	12	24	299	EA	24
EP3648-2	36 X 48	19	24	476	EA	24
EP3842-2	38 X 42	17	24	430	EA	24

E Lite® Pads - 3"

Codes have moved toward requiring 3" pads, check local codes for your requirements.



EL5658-3

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
EL1838-3	18 X 38	9	32	320	EA	32
EL2424-3	24 X 24	9	16	157	EA	16
EL2436-3	24 X 36	12	16	230	EA	16
EL2448-3	26 X 48	14	32	629	EA	32
EL3030-3	30 X 30	12	16	209	EA	16
EL3232-3	32 X 32	13	16	251	EA	16
EL3244-3	32 X 44	21	16	354	EA	16
EL3636-3	36 X 36	16	16	291	EA	16
EL3640-3	36 X 40	23	16	360	EA	16
EL3648-3	36 X 48	25	16	402	EA	16
EL3842-3	38 X 42	18	16	308	EA	16
EL3870-3	38 X 70	36	16	557	EA	16
EL4040-3	40 X 40	26	16	412	EA	16
EL4558-3	45 X 58	43	16	674	EA	16
EL4848-3	48 X 48	36	16	604	EA	16
EL5042-3	50 X 42	28	16	555	EA	16
EL5060-3	50 X 60	40	16	712	EA	16
EL5070-3	50 X 70	47	16	805	EA	16
EL5252-3	52 X 52	40	16	648	EA	16
EL5658-3	56 X 58	55	16	884	EA	16

EcoPad™ - 3"

Used where codes have moved toward requiring 3" pads, check local codes for your requirements.



EP3636-3

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
EL1838-3	18 X 38	9	32	292	EA	32
EL2424-3	24 X 24	9	16	150	EA	16
EL2436-3	24 X 36	12	16	210	EA	16
EL2448-3	26 X 48	14	32	645	EA	32
EL3030-3	30 X 30	12	16	212	EA	16
EL3232-3	32 X 32	13	16	220	EA	16
EL3434-3	34 X 34	21	16	291	EA	16
EL3636-3	36 X 36	16	16	271	EA	16
EL3640-3	36 X 40	23	16	360	EA	16
EL3648-3	36 X 48	25	16	433	EA	16
EL3842-3	38 X 42	18	16	311	EA	16
EL3870-3	38 X 70	36	16	545	EA	16
EL4040-3	40 X 40	26	16	406	EA	16
EL4558-3	45 X 58	43	16	725	EA	16
EL4848-3	48 X 48	36	16	591	EA	16
EL5042-3	50 X 42	28	16	511	EA	16
EL5060-3	50 X 60	40	16	705	EA	16
EL5070-3	50 X 70	47	16	808	EA	16
EL5252-3	52 X 52	40	16	633	EA	16
EL5658-3	56 X 58	55	16	884	EA	16

Pad Feet

Pad-Disc is a circular insert pad foot that provides additional surface area and support under the pad, preventing pads from excess settling in loose soil conditions. These inserts are designed to fit only specific sizes of E Lite® and EcoPad™ that have the circular grid pattern footprint.



PAD-DISC

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	UOM	ORDER MUL.
PAD-DISC	6	1	CS	1

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

THE HEAT PUMP PAD™

The Heat Pump Pad™

Provides an effective base for heat pump equipment installed in snowy climates. Rather than a combination of a typical 2" (or 3") equipment pad and 6" heat pump risers, the Heat Pump Pad™ provides a full 8" of elevation in a simple square footprint. The star pattern of the integral risers allows for installation of equipment with different size footprints up to 36" x 36". Also included are eight anti-vibration pads uniquely designed to fit into the guide slots on the top of the integral risers. The base is sloped outward to allow for easy drainage of condensate or defrost cycle condensate when the outdoor coil is operating in heat pump mode. Nestable for efficient shipping, transportation, and warehousing. Injection molded from concrete gray, recycled polypropylene material, the Heat Pump Pad™ is environmentally friendly and designed to last longer than the equipment it supports. US Patent Number 7,891,635, and other patent(s) pending.



HP3636-8



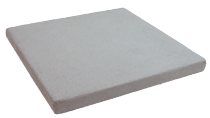
Nestable!

CATALOG NO.	SIZE (IN.)	UOM	ORDER MUL.
HP3232-8	32 x 32 x 8	EA	16
HP3636-8	32 x 32 x 8	EA	16

STANDARD CONCRETE PADS

3" UltraLite® Pads

A true concrete equipment pad at the weight of plastic (about 2.5 lbs. per square foot). UltraLite® is strengthened by miles of fiber in each square foot of fiber-cement coating. This fiber allows the pad to flex instead of cracking or breaking. The textured surface prevents the condensing unit or portable generator from sliding, and allows water drainage, while the engineered expanded polystyrene (EPS) core prevents warping and provides a solid bottom to resist settling. Unaffected by soil conditions, ultraviolet (UV) light, temperature extremes, and other weather conditions.



UC2424-3

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
UC1636-3	16 X 36	18	30	565	EA	30
UC1838-3	18 X 38	20	30	625	EA	30
UC2424-3	24 X 24	18	15	295	EA	15
UC2430-3	24 X 30	22	15	332	EA	15
UC2436-3	24 X 36	26	15	415	EA	15
UC2442-3	24 X 42	28	15	445	EA	15
UC2448-3	24 X 48	30	15	475	EA	15
UC2626-3	26 X 26	17	15	280	EA	15
UC3030-3	30 X 30	23	15	370	EA	15
UC3036-3	30 X 36	25	15	400	EA	15
UC3040-3	30 X 40	33	15	520	EA	15
UC3232-3	32 X 32	26	15	415	EA	15
UC3237-3	32 X 37	29	15	460	EA	15
U3353-3	33 X 53	68	15	1,045	EA	15
UC3434-3	34 X 34	27	15	430	EA	15
UC3445-3	34 X 45	39	15	610	EA	15
UC3636-3	36 X 36	30	15	475	EA	15
UC3642-3	36 X 42	32	15	505	EA	15
UC3648-3	36 X 48	37	15	580	EA	15

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
U3650-3	36 X 50	62	15	955	EA	15
U3654-3	36 X 54	71	15	1,090	EA	15
U3660-3	36 X 60	49	15	760	EA	15
UC3842-3	38 X 42	35	15	550	EA	15
U3865-3	38 X 65	85	15	1,300	EA	15
U3870-3	38 X 70	113	15	1,720	EA	15
UC4040-3	40 X 40	34	15	535	EA	15
UC4042-3	40 X 42	36	15	565	EA	15
U4054-3	40 X 54	81	15	1,240	EA	15
U4550-3	45 X 50	82	15	1,255	EA	15
U4558-3	45 X 58	93	15	1,420	EA	15
U4848-3	48 X 48	85	15	1,300	EA	15
U4854-3	48 X 54	91	15	1,390	EA	15
U4866-3	48 X 66	108	15	1,645	EA	15
U5053-3	50 X 53	92	15	1,405	EA	15
U5056-3	50 X 56	97	15	1,480	EA	15
U5252-3	52 X 52	94	15	1,435	EA	15
U5557-3	55 X 57	109	15	1,660	EA	15

3" UltraLite® Wedge Pads

The UltraLite® Wedge Pad is designed for Lennox condensing units.



UC3132-3L

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
UC3132-3L	31 X 32	23.33	15	350	EA	15
UC3539-3L	35 X 39	33.46	15	502	EA	15
UC4044-3L	40 X 44	37.53	15	563	EA	15

STANDARD CONCRETE PADS CONT'D

UltraLite® Earthquake Code Compliant Pads



UC2424-3CA

Required nearly exclusively in Southern California, the UltraLite® pad is available for compliance with strict attachment provisions detailed in earthquake prone local building codes. UltraLite® earthquake code compliant pads are only available for sale in regions where local codes mandate installation of pads with these particular characteristics. Currently these locales include most of Southern California, portions of Washington, and portions of Oregon.

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
UC1838-3CA	18 X 38	18	15	295	EA	15
UC2424-3CA	24 X 24	14	15	235	EA	15
UC2436-3CA	24 X 36	22	15	355	EA	15
UC2448-3CA	24 X 48*	28	15	445	EA	15
UC3030-3CA	30 X 30	22	15	355	EA	15
UC3036-3CA	30 X 36	25	15	400	EA	15
UC3232-3CA	32 X 32	24	15	385	EA	15
UC3636-3CA	36 X 36	28	15	445	EA	15
UC3642-3CA	36 X 42	32	15	505	EA	15
UC3648-3CA	36 X 48	37	15	580	EA	15
UC4040-3CA	40 X 40	34	15	535	EA	15

*With Strapping

3" CladLite® Pads



2424-3

Used where codes have moved toward requiring 3" pads, check local codes for your requirements.

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
1636-3	16 X 36	48	20	985	EA	20
2424-3	24 X 24	43	20	877	EA	20
2424-3-CORNER	24 X 24	43	20	877	EA	20
2436-3	24 X 36	60	20	1,215	EA	20
2448-3	24 X 48	84	20	1,695	EA	20
3030-3	30 X 30	62	20	1,255	EA	20
3036-3	30 X 36	73	20	1,487	EA	20
3232-3	32 X 32	68	20	1,379	EA	20
3237-3	32 X 37	73	20	1,485	EA	20
3636-3	36 X 36	80	20	1,633	EA	20
3640-3	36 X 40	97	20	1,969	EA	20
3648-3	36 X 48	109	20	2,207	EA	20
3660-3	36 X 60	163	15	2,470	EA	15
3842-3	38 X 42	120	20	2,417	EA	20
4042-3	40 X 42	170	10	1,605	EA	10
4550-3	45 X 50	184	15	2,785	EA	15
4558-3	45 X 58	203	15	3,070	EA	15
4766-3	47 X 66	219	10	2,215	EA	10
4848-3	48 X 48	184	15	2,785	EA	15
5053-3	50 X 53	197	15	2,980	EA	15



2424-2

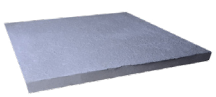
Concrete surface and superior performance at 20% the weight of conventional concrete pads. The cladding provides superior resistance to sun, moisture and freeze-thaw conditions; the engineered expanded polystyrene (EPS) core is virtually impervious to water, soil conditions, fungus and bacteria. Large CladLite® pads are further strengthened by continuous steel reinforcement throughout the cladding. CladLite® is code approved for installation throughout the U.S.

2" CladLite® Pads

The 2" thick CladLite® pad is the choice for equipment pads. Codes have moved toward requiring 3" pads, check local codes for your requirements.

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
2436-2	24 X 36	50	25	1,275	EA	25
2442-2	24 X 42	57	25	1,450	EA	25
3030-2	30 X 30	36	25	925	EA	25
3036-2	30 X 36	43	25	1,093	EA	25
3040-2	30 X 40	60	25	1,525	EA	25
3232-2	32 X 32	44	25	1,125	EA	25
3434-2	34 X 34	51	25	1,300	EA	25
3636-2	36 X 36	63	25	1,598	EA	25
3640-2	36 X 40	71	25	1,798	EA	25
3648-2	36 X 48	88	25	2,220	EA	25

2" HunkLite® Pads



L2436-2

HunkLite® Pads are designed to support outdoor HVAC equipment such as condensers, heat pumps, and continuous heating devices such as water heaters and pool heaters. Made from 3000+ psi solid concrete with continuous steel reinforcement, this pad is extremely durable even in extreme outdoor conditions, while being up to 18% lighters than solid concrete. HunkLite pads are specifically designed for local markets where solid concrete is required. Available in both 2" and 3", depending on local building codes requirements.

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
L2436-2	24 X 36	55	20	1091	EA	20
L3636-2	36 X 36	120	15	1825	EA	15

STANDARD CONCRETE PADS CONT'D

3" HunkLite® Pads



L2424-3

HunkLite® Pads are designed to support outdoor HVAC equipment such as condensers, heat pumps, and continuous heating devices such as water heaters and pool heaters. Made from 3000+ psi solid concrete with continuous steel reinforcement, this pad is extremely durable even in extreme outdoor conditions, while being up to 18% lighters than solid concrete. HunkLite pads are specifically designed for local markets where solid concrete is required. Available in both 2" and 3", depending on local building codes requirements.

CATALOG NO.	SIZE (IN.)	PAD WT. (LBS.)	PALLET QTY.	PALLET WT. (LBS.)	UOM	ORDER MUL.
L2424-3	24 X 24	52	15	776	EA	15
L2436-3	24 X 36	106	15	1590	EA	15
L3030-3	30 X 30	69	10	1039	EA	10
L3036-3	30 X 36	94	15	1412	EA	15
L3048-3	30 X 48	120	15	1800	EA	15
L3232-3	32 X 32	87	15	1300	EA	15
L3636-3	36 X 36	105	10	1050	EA	10
L3642-3	36 X 42	120	10	1198	EA	10
L3648-3	36 X 48	135	10	1349	EA	10
L3842-3	38 X 42	215	10	2168	EA	10

THE HURRICANE PAD™ CONCRETE EQUIPMENT PADS

The Hurricane Pad™



H2424-4

Designed specifically for the hurricane prone regions of Florida and the Gulf Coast, The Hurricane Pad™ meets stringent local code requirements for wind resistance. Heavier than a normal concrete pad, this 4" pad provides sufficient weight to meet code. The Hurricane Pad meets the Florida Building Code Notice and can withstand winds up to 150 MPH. For certain taller equipment, The Hurricane T Class Pad™ is needed. Due to their extreme weight, standard freight terms for The Hurricane Pad only apply for shipment to FL, GA, & AL. All other shipments are shipped FOB Leesburg, FL.

CATALOG NO.	SIZE (IN.)	PALLET QTY.	UOM	ORDER MUL.
H1840-4	18 X 40	16	EA	16
H2424-4	24 X 24	16	EA	16
H2436-4	24 X 36	8	EA	8
H2448-4	24 X 48	8	EA	8
H3030-4	30 X 30	8	EA	8
H3232-4	32 X 32	8	EA	8
H3636-4	36 X 36	8	EA	8
H3642-4	36 X 42	8	EA	8
H3648-4	36 X 48	8	EA	8
H3652-4	36 X 52	8	EA	8
H3654-4	36 X 54	8	EA	8
H3656-4	36 X 56	8	EA	8
H3672-4	36 X 72	8	EA	8
H3852-4	38 X 52	8	EA	8
H3865-4	38 X 65	8	EA	8
H3872-4	36 X 52	8	EA	8
H4040-4	36 X 52	8	EA	8
H4242-4	38 X 42	8	EA	8
H4558-4	38 X 42	8	EA	8
H5557-4	38 X 42	8	EA	8

The Hurricane T-Class Pad™



HT3030-4

The Hurricane T Class Pad™ is even heavier than The Hurricane Pad™ and is designed to meet the higher wind loads of taller equipment. The taller the piece of equipment mounted to the pad, the greater the wind load on the pad. These heavier 4" pads provide sufficient weight to meet code for these taller condensing units. The Hurricane T-Class Pad meets the Florida Building Code Notice and can withstand winds up to 175 MPH. Due to their extreme weight, standard freight terms for The Hurricane Pad only apply for shipment to FL, GA, & AL. All other shipments are shipped FOB Leesburg, FL.

CATALOG NO.	SIZE (IN.)	PALLET QTY.	UOM	ORDER MUL.
HT1840-4	18 X 40	10	EA	10
HT2436-4	24 X 36	5	EA	5
HT2448-4	24 X 48	5	EA	5
HT3030-4	30 X 30	5	EA	5
HT3232-4	32 X 32	5	EA	5
HT3636-4	36 X 36	5	EA	5
HT3648-4	36 X 48	5	EA	5
HT4040-4	40 X 40	5	EA	5
HT4242-4	42 X 42	5	EA	5
HT4558-4	45 X 58	5	EA	5

The Hurricane Pad™ MD



HMD3030-4

The new Hurricane Pad™ MD is the newest in concrete pad technology from DiversiTech. The Hurricane Pad MD is a solid concrete pad designed for the strict requirements of Miami Dade county. The Hurricane Pad MD meets the Florida Building Code Notice and can withstand winds up to 175 MPH. This pad is made from a minimum 7000PSI solid concrete. For Florida shipments only.

CATALOG NO.	SIZE (IN.)	PALLET QTY.	UOM	ORDER MUL.
HMD1840-4	18 X 40	5	EA	5
HMD2448-4	24 X 48	5	EA	5
HMD3030-4	30 X 30	5	EA	5
HMD3636-4	36 X 36	5	EA	5
HMD3648-4	36 X 48	5	EA	5
HMD4040-4	40 X 40	5	EA	5

THE HURRICANE PAD™ CONCRETE EQUIPMENT PADS CONT'D

Pad Anchor Kit, Cable System



EP-TDK

The DiversiTech® Pad Anchor Kits EP-TDK is used in hurricane prone areas to secure the condenser to The Hurricane Pad®. Angle brackets attach the condenser to The Hurricane Pad and anchor cables provide additional strength by securing it to the ground. Kit contains 2 galvanized angle brackets, 2 stainless steel anchor cables and anchors, and 16 #14 stainless steel self tapping screws. Drive rod EP-TDK-STAKE (sold separately) is needed to drive the anchors of the EP-TDK Pad Anchor Kit into the ground, and can be used for future installations.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EP-TDK	Pad Anchor System Kit	EA	1
EP-TDK-STAKE	Drive Rod Tool for EP-TDK	EA	1

Pad Anchor Kit, Auger System


GAK-300-KIT

The DiversiTech® Anchor Kit GAK-300-KIT is used in application such as hurricane prone areas to secure the condenser to the pad and also to the ground. Angle brackets attach the condenser to the pad and anchor cables provide additional strength by securing pad to ground.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
GAK-300-KIT	Ground Anchor Kit	EA	1

DUCTLESS MINI-SPLIT STANDS

Mini-Split Stands


DT1801-AL

The DiversiTech Aluminum Mini-Split Stand is a 12, 18 and 24 in. high, aluminum mini-split stand that provides a safe, stable platform for mounting ductless condensers. It keeps the unit elevated above lawn mowers, weed trimmers, pets, snow and flooding. This durable aluminum stand can be used in harsh environments such as coastal regions.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DT1201-AL	Mini-Split Stand Wide - 12", Unfinished Aluminum	EA	1
DT1801-AL	Mini-Split Stand Wide - 18", Unfinished Aluminum	EA	1
DT2401-AL	Mini-Split Stand Wide - 24", Unfinished Aluminum	EA	1

Mini-Split Stands


QSMS1200


QSMS1206

QUICK-SLING®

Our Quick-Sling® Mini-Split Stands provide a safe, stable platform to mount your unit on. It keeps unit elevated above lawn mowers, weed whackers, pets, snow, and flooding. The elevated height allows for ease of installation, maintenance and service. Now available in Stainless Steel.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
12"			
QSMS1200	Mini-Split Stand Thin - 12", Powder Coated Steel	EA	1
QSMS1200-PAL	Mini-Split Stand Wide - 12", Powder Coated Aluminum	EA	1
QSMS1201	Mini-Split Stand Wide - 12", Powder Coated Steel	EA	1
QSMS1201-PAL	Mini-Split Stand Wide - 12", Powder Coated Aluminum	EA	1
QSMS1201-SS	Mini-Split Stand Wide - 12", Stainless Steel	EA	1
QSMS1206	Mini-Split Stand Wide - 12", Single Fan Galvanized Steel	EA	1
18"			
QSMS1800	Mini-Split Stand Thin - 18", Powder Coated Steel	EA	1
QSMS1800-PAL	Mini-Split Stand Wide - 18", Powder Coated Aluminum	EA	1
QSMS1801	Mini-Split Stand Wide - 18", Powder Coated Steel	EA	1
QSMS1801-PAL	Mini-Split Stand Wide - 18", Powder Coated Aluminum	EA	1
QSMS1801-SS	Mini-Split Stand Wide - 18", Stainless Steel	EA	1
QSMS1806	Mini-Split Stand Wide - 18", Single Fan Galvanized Steel	EA	1
24"			
QSMS2400	Mini-Split Stand Thin - 24", Powder Coated Steel	EA	1
QSMS2400-PAL	Mini-Split Stand Wide - 24", Powder Coated Aluminum	EA	1
QSMS2401	Mini-Split Stand Wide - 24", Powder Coated Steel	EA	1
QSMS2401-PAL	Mini-Split Stand Wide - 24", Powder Coated Aluminum	EA	1
QSMS2401-SS	Mini-Split Stand Wide - 24", Stainless Steel	EA	1

DUCTLESS MINI-SPLIT STANDS CONT'D

Large Mini-Split Stands

The large Quick-Sling® Mini-Split Stand is made extra wide to accomodate larger equipment with up to 38" wide mounting hole locations. This stand comes with 2 mounting rails.



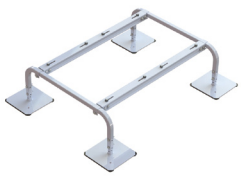
QSMS1204

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSMS1204	Mini-Split Stand - Extra Wide - 2 Rails, 12" Tall, Powder Coated Steel	EA	1
QSMS1804	Mini-Split Stand - Extra Wide - 2 Rails, 18" Tall, Powder Coated Steel	EA	1
QSMS2404	Mini-Split Stand - Extra Wide - 2 Rails, 24" Tall, Powder Coated Steel	EA	1
QSMS2404-AL	Mini-Split Stand - Extra Wide - 2 Rails, 24" Tall, Unfinished Aluminum	EA	1

Combo Mini-Split Stand

The combo unit stand accomodates two single or double outdoor mini-splits. Ideal for rooftop installations. Made from heavy duty 1-1/2" square tubing and large 12" x 12" square feet.



QSMS4000-12

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSMS4000-12	Combo Mini-Split Stand - 12"	EA	1
QSMS4000-18	Combo Mini-Split Stand - 18"	EA	1
QSMS4000-24	Combo Mini-Split Stand - 24"	EA	1

Mini-Split Super Stand

The Quick-Sling® Mini-Split Super Stand accommodates up to 6 outdoor mini-split condensing units on a single stand. With the addition of the extender kits condensing units can be added in increments of 2 per kit. The Mini-Split Super Stand is made from the same heavy-duty steel structural design as the VRF Super Stands.



QSMS3001-12

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSMS3001-12	Mini-Split Super Stand, 6 systems, 12" High	EA	1
QSMS3001-18	Mini-Split Super Stand, 6 systems, 18" High	EA	1
QSMS3001-24	Mini-Split Super Stand, 6 systems, 24" High	EA	1
QSMS3001-12EXT	Mini-Split Super Stand, Extender Kit, 2 systems, 12" High	EA	1
QSMS3001-18EXT	Mini-Split Super Stand, Extender Kit, 2 systems, 18" High	EA	1
QSMS3001-24EXT	Mini-Split Super Stand, Extender Kit, 2 systems, 24" High	EA	1

Mini-Split Dual Fan Stands

Our Quick-Sling® Mini-Split Dual Fan Stands provide a safe, stable platform to mount your unit on. It keeps unit elevated above lawn mowers, weed whackers, pets, snow, and flooding. The elevated height allows for ease of installation, maintenance and service.



QSMS1202

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSMS1202	Mini-Split Dual Fan Stand - 12", Powder Coated Steel	EA	1
QSMS1202-AL	Mini-Split Dual Fan Stand - 12", Unfinished Aluminum	EA	1
QSMS1202-PAL	Mini-Split Dual Fan Stand - 12", Powder Coated Aluminum	EA	1
QSMS1802	Mini-Split Dual Fan Stand - 18", Powder Coated Steel	EA	1
QSMS1802-AL	Mini-Split Dual Fan Stand - 18", Unfinished Aluminum	EA	1
QSMS1802-PAL	Mini-Split Dual Fan Stand - 18", Powder Coated Aluminum	EA	1
QSMS2402	Mini-Split Dual Fan Stand - 24", Powder Coated Aluminum	EA	1
QSMS2402-AL	Mini-Split Dual Fan Stand - 24", Unfinished Aluminum	EA	1
QSMS2402-PAL	Mini-Split Dual Fan Stand - 24", Powder Coated Aluminum	EA	1

Pitched Roof Mini-Split Mounting Bracket

The Quick-Sling® Pitched Roof Mini-Split Mounting Bracket is a fast and easy solution to mounting outdoor condensing units to a sloped roof.



QSPR1000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSPR1000	Pitched Roof Bracket 300 lbs. capacity, 9° - 45° sloped roofs	EA	1

Mini-Split Double Stack Stand

Our Quick-Sling® Mini-Split Double Stack Stand provide a safe, stable platform to mount your unit on. It keeps unit elevated above lawn mowers, weed whackers, pets, snow, and flooding. The elevated height allows for ease of installation, maintenance and service.



QSMS1203

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSMS1203	Mini-Split Double Stack Stand, Powder Coated Steel	EA	1
QSMS1203-N	Mini-Split Double Stack Stand, Narrow, Powder Coated Steel	EA	1

DUCTLESS MINI-SPLIT STANDS CONT'D

Heat Pump Stand

Our Quick-Sling® Heat Pump Stand provides a safe stable platform to mount your unit on. Keep it elevated above lawn mowers, weed whackers, pets, snow, and flooding. Elevated height allows for ease of installation, service, and maintenance.



QSTD3000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSTD3000	Quick Heat Pump Stand, 18" Tall	EA	1
QSTD3000-12	Quick Heat Pump Stand, 12" Tall	EA	1

3 Rail Large Mini-Split Stands

The large 3 Rail Mini-Split Stand is made extra wide to accomodate larger equipment with up to 38" wide mounting hole locations. This stand comes with 3 mounting rails.



QSMS1205

QUICK-SLING®

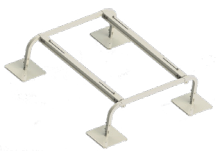
CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSMS1205	Mini-Split Stand - Extra Wide - 3 Rails, 12" Tall	EA	1
QSMS1805	Mini-Split Stand - Extra Wide - 3 Rails, 18" Tall	EA	1
QSMS2405	Mini-Split Stand - Extra Wide - 3 Rails, 24" Tall	EA	1

VRF STANDS

VRV/VRF Super Stand®

The New VRV/VRF Super Stand® Equipment Stands are now simpler to order, easier to size and compatible with more equipment model families.

- New sliding rail design allows infinite depth adjustments to fit most all VRF/VRV systems.
- New rail mounting slots align to all equipment mounting hole configurations.
- New Base and Extension models reduces number of model numbers making selecting and configuring the right stands quick and easy.
- Available with optional plastic feet for non-penetrable roof applications.



BASE
QSSB48-12



EXTENSION
QSSX48-12

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSSB48-12	VRV/VRF Super Stand® Base Module, 12" High	EA	1
QSSB48-18	VRV/VRF Super Stand® Base Module, 18" High	EA	1
QSSB48-24	VRV/VRF Super Stand® Base Module, 24" High	EA	1
QSSX48-12	VRV/VRF Super Stand® Base Module, 12" High	EA	1
QSSX48-18	VRV/VRF Super Stand® Base Module, 18" High	EA	1
QSSX48-24	VRV/VRF Super Stand® Base Module, 24" High	EA	1
QSSB62-12	VRV/VRF Super Stand® Base Module, 12" High	EA	1
QSSB62-18	VRV/VRF Super Stand® Base Module, 18" High	EA	1
QSSB62-24	VRV/VRF Super Stand® Base Module, 24" High	EA	1
QSSX62-12	VRV/VRF Super Stand® Base Module, 12" High	EA	1
QSSX62-18	VRV/VRF Super Stand® Base Module, 18" High	EA	1
QSSX62-24	VRV/VRF Super Stand® Base Module, 24" High	EA	1
QSSB74-12	VRV/VRF Super Stand® Base Module, 12" High	EA	1
QSSB74-18	VRV/VRF Super Stand® Base Module, 18" High	EA	1
QSSB74-24	VRV/VRF Super Stand® Base Module, 24" High	EA	1
QSSX74-12	VRV/VRF Super Stand® Base Module, 12" High	EA	1
QSSX74-18	VRV/VRF Super Stand® Base Module, 18" High	EA	1
QSSX74-24	VRV/VRF Super Stand® Base Module, 24" High	EA	1

AIR HANDLER STANDS

Vertical Air Handler Stand

Our Quick-Sling® Vertical Air Handler Stand fits all LG, Unico and Mitsubishi Air Handlers. It is adjustable left to right in 1" increments up to 6". 18" and 24" stands include 2 stability arms. 500 lbs. max. capacity.



QSTD4000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSTD4002	12" Vertical Air Handler Std 27" Arm	EA	1
QSTD5000	18" Vertical Air Handler Std 19" Arm	EA	1
QSTD5001	18" Vertical Air Handler Std 23" Arm	EA	1
QSTD6000	24" Vertical Air Handler Std 19" Arm	EA	1
QSTD6002	24" Vertical Air Handler Std 27" Arm	EA	1
QSTD-VRP2	24" Vertical Air Handler Std 27" Arm	EA	1

Horizontal Air Handler Stand

Our Quick-Stand is made of 14-gauge square tubing. This not only cuts down on vibration but allows the stand to hold up to 500 lbs. Each leg individually extends in 1" increments using thumb screws & wing nuts for speed and versatility. Installs as low as 22" on flat or uneven surfaces.



QSTD1000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSTD1000	Quick-Stand Heavy Duty	EA	1

Flexi Frame Equipment Stand

The galvanized steel Flexi Frame is a strong weather-resistant stand for mounting mini-splits & other equipment. The Flexi Frame can be configured with a base on multiple extensions to meet most application requirements.



FF-BF-B

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
FF-BF-B	Flexi Base Frame, 47-1/4"	EA	1
FF-EF-B	Flexi Extension Frame, 47-1/4"	EA	1
FF-BF-1500-B	Flexi Base Frame, 59" Rail	EA	1
FF-EF-1500-B	Flexi Extension Frame, 59" Rail	EA	1
FF-L1621	Flexi Frame Leg, 16"-21" Tall	PK	2

BOILER AND WATER HEATER STANDS

Boiler/Water Heater Bracket

Fits most boilers and tankless water heater designs. Bracket comes partially assembled for quick installations. Available in wall mount or stand-alone configurations.



QSBB3000 QSBB4000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSBB3000	Boiler Bracket - Wall Mount, Fixed Horizontal Arm: 32", 350 lbs. capacity	EA	1
QSBB4000	Boiler Bracket - Free Standing, Fixed Horizontal Arm: 24", Adjustable Arm Height: 6" to 33", 350 lbs. capacity	EA	1

STAND ACCESSORIES

Quick-Sling® Accessories - Steel & Wood Beam Adapters



QSAC1000

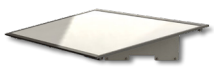
QUICK-SLING®

- The QSAC1000 (set of 4) & 1100 (set of 2) steel beam adapters are made out of aluminum & able to hold up to 250 lbs each.
- Each QSAC1000 is slotted to receive 3/8" threaded rod or C - clamps for easy mounting.
- The QSAC2000 (set of 4) & 2100 (set of 2) wood beam adapters are made of steel & are 12" long & 2" wide.
- Each of our adapters are able to hold up to 200 lbs.
- They have a 1.5" bend that simply clips over the wood joist. All the necessary hardware is provided.
- QSAC1000 and QSAC2000 adapts: QSLG1000 & QSLG2000
- QSAC1100 and QSAC2100 adapts: QSWI1000 & QSWI2000

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSAC1000	Adapters, Steel Pk of 4	EA	1
QSAC1100	Adapters, Steel Pk of 2	EA	1
QSAC2000	Adapters, Wood Pk of 4	EA	1
QSAC2100	Adapters, Wood Pk of 2	EA	1

Quick-Sling WeatherShield®

The Quick-Sling WeatherShield® protects outdoor ductless condensing units from weather damage. Quick-Sling WeatherShield® mounts directly to the mini-split and fits most sizes of equipment.



QSWS1000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSWS1000	Quick-Sling WeatherShield® - 31.5" - 41.5" x 6" - 12"	EA	1

12" x 12" Feet for MS Stands

The Quick-Sling® QSMSFT12 is a 4 pack of 12" x 12" feet for QSMS stands. These would typically be used on rooftop applications where larger feet are needed to replace the QSMS existing 6" x 6" feet.



QSMSFT12

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSMSFT12	12" x12" Feet for MS Stands	PK	4

Anti-Vibration Feet

Anti-Vibration Feet: Quick-Sling® QSAC3000 kit is a set of 4 ea. 6" x 6" anti-vibration feet for QSMS and QSTD stands. This is an accessory kit that replaces the existing 6" x 6" feet on any QSMSxxxx or QSTDxxxx equipment stands. These anti-vibration feet provide 3 times more deflection than standard AV pads and can be used on any application where additional vibration isolation or noise reduction is needed.



QSAC3000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSAC3000	Anti-Vibration Feet	EA	1

CONDENSER WALL BRACKETS

Air Conditioner Brackets

These heavy duty 10ga thick steel AC brackets are perfect for hanging A/C condensers and heat pumps outside the home. Mount at any height to allow for easy maintenance under units. No need to wait for finished grade or landscaping prior to installation of AC unit. Pre-punched holes for easy installation. Powder coated gray finish. Load rating 600 lbs. per pair.



ACB-30

HURRICANE RATED

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ACB-30	AC Mounting Bracket - 30"	PK	1
ACB-36	AC Mounting Bracket - 36"	PK	1
ACB-42	AC Mounting Bracket - 42"	PK	1
ACB-48	AC Mounting Bracket - 48"	PK	1
ACB-30-AL	AC Mounting Bracket, Aluminum - 30"	PK	1
ACB-36-AL	AC Mounting Bracket, Aluminum - 36"	PK	1
ACB-42-AL	AC Mounting Bracket, Aluminum - 42"	PK	1
ACB-48-AL	AC Mounting Bracket, Aluminum - 48"	PK	1

DUCTLESS MINI-SPLIT BRACKETS

Wall Brackets - Flat Wall

The QSWB1000 Condenser Wall Bracket provides a quick and safe mount that is perfectly designed for installation to a flat wall surface and can hold up to 500 lbs. It also has the flexibility to be installed in the up and out orientation or down and out.



QSWB1000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSWB1000	Mini-Split Wall Bracket	EA	1

Wall Bracket - Foundation Mount

This unique, 300 lb. condenser mounting bracket is designed to install directly to a foundation and still provides 7" clearance between the wall and the unit. The shelf depth is 19" and allows plenty of room for piping and service.



QSWB3000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSWB3000	Wall Bracket w/Rails Heavy Duty	EA	1

Wall Brackets - Siding or Flat Wall

This condenser wall bracket combines the installation flexibility of the QSWB1000 and the slider track mounting rail of the QSWB2000 to create a Heavy Duty, versatile mounting solution.



QSWB1100

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSWB1100	Wall Bracket w/Rails Light Duty	EA	1

Hef-T-Bracket™



230-B2L

Used for supporting condensing units, Hef-T- Brackets (Type 2) feature a cross bar that is attached to a wall, and two L shaped brackets that are hooked and bolted into place on the cross bar. The condensing unit is mounted onto the L shaped brackets, and fastened using the bolts and anti vibration washers provided. Hinged models help ensure unit can be easily leveled on any type of wall surface.
*Not approved for South Florida.

CATALOG NO.	DESCRIPTION	MATERIAL	ARM LENGTH	LOAD RATING PER ARM	UOM	ORDER MUL.
230-A2S	Hef-T-Bracket™ - Sm.	Aluminum	16.6"	176 lbs.	EA	1
230-B2M	Hef-T-Bracket™ - Med. w/Top Hinge	Powder-Ctd. Steel	18"	250 lbs.	EA	1
230-B3M	Hef-T-Bracket™ - Med.	Powder-Ctd. Steel	18"	250 lbs.	EA	1
230-B2L	Hef-T-Bracket™ - Lg. w/Top Hinge	Powder-Ctd. Steel	21"	250 lbs.	EA	1
230-B3L	Hef-T-Bracket™ - Lg.	Powder-Ctd. Steel	21"	250 lbs.	EA	1
230-B2XL	Hef-T-Bracket™ - Ex. Lg.	Powder-Ctd. Steel	26"	250 lbs.	EA	1

Wall Bracket - Siding or Flat Wall

These hurricane rated wall brackets are strong, easy to install and are designed to be mounted into framing studs at 12" or 16" on center. These fit most mini-split models on the market today and provides the required distance between the wall and the condenser for optimal air flow. The QSWB2000 is rated for 300 lbs. and the heavy duty QSWB4000 is rated for 600 lbs. Both models are also available in 316 stainless steel.



QSWB2000

QUICK-SLING®

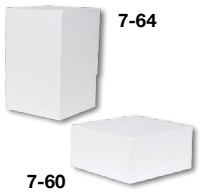
HURRICANE RATED

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSWB2000	Wall Bracket w/Z Bend	EA	1
QSWB2000SS	Wall Bracket w/Z Bend, Stainless Steel	EA	1
QSWB2000-3	Wall Bracket w/Z Bend, 3 Mounting Arms	EA	1
QSWB2004	Wall Bracket - Extra Large	EA	1
QSWB2005	Wall Bracket - Extra Large, 3 Mounting Arms	EA	1
QSWB4000	Wall Bracket w/Z Bend, Heavy Duty	EA	1
QSWB4000SS	Wall Bracket w/Z Bend, Heavy Duty, Stainless Steel	EA	1

AIR HANDLER - FURNACE BLOCKS

Air Handler Block

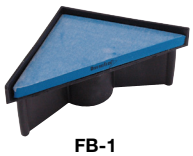
Lightweight styrofoam block (white) provides A/C air handler support in attic installations.



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-60	Air Handler Block 8" x 8" x 4" (White)	EA	144
7-64	Air Handler Block 8" x 8" x 4", pack of 4	PK	4

Furnace Mounting Blocks

Each furnace mounting block can support 40% more weight than competitive products – over 500 pounds! Easy peel and stick installation.



FB-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
FB-1	Furnace Mounting Block	EA	72

CONDENSER BLOCKS AND FEET

Base Pad

Used as a mounting base when condensing units must be bolted down. Maximum load capacity is 220 lbs. per pad. Sliding rail design for easy and fast installation. Includes mounting bolts. Available in 17" lengths. Ivory color.



230-BP17W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-BP17W	17" Base Pad, pack of 2	PK	10

Hef-T-Block™

Used as mounting bases when condensing units must be bolted down. Available in three lengths. Furnished complete with end caps and mounting bolts. Maximum load capacity is 440 pounds per mounting block. Installation temperature range from -4°F (-20°C) to 140°F (60°C). Hef T Blocks fit all mini split condensing units with a unique sliding rail feature.



230-MB17W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-MB14W	14" Hef-T-Block™ (White), pack of 2	PK	2
230-MB17W	17" Hef-T-Block™ (White), pack of 2	PK	2
230-MB36W	36" Hef-T-Block™ (White), pack of 2	PK	2
230-MBCW	Hef-T-Block™ Replacement End Cap (White), pack of 4	PK	25

H-Frame Kits

Ideal for supportsing ducts, pipes and electrical equipment. Kits include a pair of feet, brackets and hardware. 12.6" or 19.7" square feet available.



F-HF-320

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
F-HF-320	H-Frame Kit - 12.5" foot	EA	1
F-HF-500	H-Frame Kit - 19.7" foot	EA	1

Hef-T-Foot™

The Hef-T-Foot™ is used to support small pipework, runs of cable tray, or used as an alternative to supporting condensing units, air source heat pumps or a variety of outdoor equipment. The Hef-T-Foot™ with strut comes in four lengths — 9.8", 17.7", 23.6", 39.4". They are manufactured from heavy duty recycled rubber and come complete with .8" x 1.6" galvanized steel strut adhered to the rubber with industrial adhesive. The rubber is strong and durable with drain slots moulded into the underside to allow standing water to flow under the foot.



FF-600-S



FF-1000-S

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
FF-250-S	Hef-T-Foot™ - 9.8" with 1.6" x .8" strut	EA	1
FF-450-S	Hef-T-Foot™ - 17.7" with 1.6" x .8" strut	EA	1
FF-600-S	Hef-T-Foot™ - 23.6" with 1.6" x .8" strut	EA	1
FF-1000-S	Hef-T-Foot™ - 39.4" with 1.6" x .8" strut	EA	1
FF-250-UNI	Hef-T-Foot™ - 9.8" Universal	EA	1
FF-450-S-KIT	Mini-Split Installation Kit - 17.7"	EA	1
FF-600-S-KIT	Mini-Split Installation Kit - 23.6"	EA	1
FF-1000-S-KIT	Mini-Split Installation Kit - 39.4"	EA	1

Hef-T-Foot™ Installation Variants



FF-450-S-KIT

Mini-Split Installation Kit
Comes with 2 feet & Mounting Hardware



FF-600-S-KIT

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

HEAT PUMP RISERS

One Piece Heat Pump Risers

Sturdy and stable, DiversiTech's Heat Pump Riser provides the desired elevation for condensers, heat pumps, and air handlers. The one piece, heavy duty plastic unit is manufactured in three heights. Butyl mastic on the top and bottom guarantees no slipping and reduced vibration and noise.



HPR-6

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
HPR-3	Riser - 3"	EA	48
HPR-3BL	Riser - 3", Black	PK	48
HPR-6	Riser - 6"	EA	36
HPR-6BL	Riser - 6", Black	PK	36
HPR-12	Riser - 12"	PK	16

Two Piece Heat Pump Risers

Sturdy and stable, DiversiTech's Heat Pump Riser provides the desired elevation for condensers, heat pumps, and air handlers. The one piece, heavy duty plastic unit is manufactured in two heights and an extension. Butyl mastic on the top and bottom guarantees no slipping and reduced vibration and noise.



HPR-6-2PG

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
HPR-3-2P	Two Piece Riser - 3"	EA	32
HPR-6-2P	Two Piece Riser - 6"	EA	16
HPR-3-2PG	Two Piece Black Riser - 3"	EA	32
HPR-6-2PG	Two Piece Black Riser - 6"	EA	16
HPR-EXT	4" Extension	EA	28

Adjustable Equipment Risers

Adjustable equipment risers easily adjust up or down as needed to secure equipment at the correct height. The large center barrel twists up from starting height of 5" to a max of 8". A separate top cap allows for raising or lowering the riser even with equipment already on it. Convenient height markings provided for reference.



AER-8

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
AER-8	Adjustable Equipment Riser - 8"	EA	4
AER-8BL	Adjustable Equipment Riser - 8", Black	EA	4

UNIT HEATER SWIVEL BRACKETS

Quick Swivel Flush Mount w/ "H" Bracket - Unit Heater Bracket

Our Quick Swivel is made of 14-gauge steel able to hold 200 lbs. The swivel allows for 360° rotation for setting the perfect direction of air flow.



QSWI3000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSWI3000	Swivel Flush H Bracket	EA	1
QSWI3001	Swivel Flush H Bracket 36" Spd	EA	1
QSWI3002	Swivel Flush H Bracket 36" Spd	EA	1
QSWI5003	Swivel Flush H Bracket Heavy Duty	EA	1

Quick Swivel "U" Mount - Unit Heater Bracket

Our Quick Swivel is made of 14-gauge steel able to hold 200 lbs. The swivel allows for 360° rotation for setting the perfect direction of air flow.



QSWI1000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSWI1000	Swivel "U" Mount w/H-Bracket	EA	1
QSWI2000	Swivel "U" Mount w/I-Bracket	EA	1

Quick Swivel Flush Mount w/ "I" Bracket - Unit Heater Bracket

Our Quick Swivel is made of 14-gauge steel able to hold 200 lbs. The swivel allows for 360° rotation for setting the perfect direction of air flow.



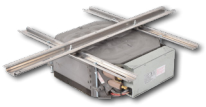
QSWI4000

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSWI4000	Swivel Flush w/I Bracket	EA	1
QSWI4001	Swivel Flush w/26" I Bracket	EA	1
QSWI5001	Swivel Flush w/34" I Bracket	EA	1
QSWI5002	Swivel Flush w/52" I Bracket	EA	1
QSWI6000	Swivel Flush w/2 I Brackets	EA	1

AIR HANDLER HANGING BRACKETS

Ductless Cassette Hangers



QSCH1000

QUICK-SLING®

The Ductless Cassette Hangers are an innovative bracket design that is made of light-weight aluminum to provide quick and easy installation of ductless cassettes. Only two skus are compatible with most of the ductless cassettes on the market today. The built-in adjustability allows the alignment of the unit after it has been hung.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSCH1000	Ductless Cassette Hanger - Small Holds up to 200 lbs.	EA	1
QSCH2000	Ductless Cassette Hanger - Large Holds up to 200 lbs.	EA	1

Quick-Sling® - Air Handler Hanging Bracket



QSLG2000

QUICK-SLING®

Our Quick-Sling is made of 14-gauge square tubing. This not only cuts down on vibration but allows the stand to hold up to 400 lbs. Extension arms individually adjust in one inch increments using thumb screws & wing nuts for speed & versatility. Installs as high as 24" or as low as 48" on flat or pitched roofs.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSLG2000	Sling Bracket Heavy Duty 2 Arm	EA	1

Air Handler, Light Duty



QSLD1001

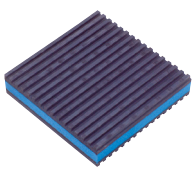
QUICK-SLING®

The Quick-Sling® QSLD1001 is a light duty horizontal air handler hanging system. It is designed to hang up to 250 lbs. of equipment on a flat or pitched roof. Extension arms adjust individually in one inch increments using thumb screws and wing nuts for speed and versatility.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSLD1001	Air Handler, Light Duty	EA	1

ANTI-VIBRATION PADS

E.V.A. Anti-Vibration Pad



MP-4E

The latest generation in vibration dampening technology. The most effective vibration dampening pad available on the market. The EVA Pad was tested against other pads at four different vibration settings. In the most severe vibration extremes, the EVA Pad outperforms cork and rubber by a margin of greater than 3:1! This is due to the special composite foam center which is much more structurally sound than cork. It is not affected by oils or chemicals that can break down cork and is much more effective at vibration dampening than solid rubber. All this at a very competitive price. Designed to withstand 50 psi.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MP-2E	2" x 2" x 7/8" E.V.A. Pad	EA	48
MP-3E	3" x 3" x 7/8" E.V.A. Pad	EA	36
MP-4E	4" x 4" x 7/8" E.V.A. Pad	EA	24
MP-6E	6" x 6" x 7/8" E.V.A. Pad	EA	24
MP-12E	12" x 12" x 7/8" E.V.A. Pad	EA	12
MP-18E	18" x 18" x 7/8" E.V.A. Pad	EA	6

Rubber Anti-Vibration Pad



MP-3

Highest quality elastomeric oil resistant padding. Designed to withstand 50 lbs. psi. The rubber pads are corrugated on both sides. Ideal for air conditioners, compressors, cooling towers, presses, machines, etc.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MP-2	2" x 2" x 3/8" Rubber	EA	48
MP-3	3" x 3" x 3/8" Rubber	EA	36
MP-4	4" x 4" x 3/8" Rubber	EA	24
MP-6	6" x 6" x 3/8" Rubber	EA	24
MP-8	8" x 8" x 3/8" Rubber	EA	12
MP-12	12" x 12" x 3/8" Rubber	EA	12
MP-18	18" x 18" x 3/8" Rubber	EA	6

Rubber/Cork Anti-Vibration Pad



MP-4C

Highest quality elastomeric oil resistant padding. Designed to withstand 50 psi. The rubber pads are corrugated on both sides. The cork is laminated between two corrugated pads. Ideal for air conditioners, compressors, cooling towers, presses, machines, etc.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MP-2C	2" x 2" x 7/8" Rubber/Cork	EA	48
MP-3C	3" x 3" x 7/8" Rubber/Cork	EA	36
MP-4C	4" x 4" x 7/8" Rubber/Cork	EA	24
MP-6C	6" x 6" x 7/8" Rubber/Cork	EA	24
MP-12C	12" x 12" x 7/8" Rubber/Cork	EA	12
MP-18C	18" x 18" x 7/8" Rubber/Cork	EA	6

Iso-Cube Economy Anti-Vibration Pad



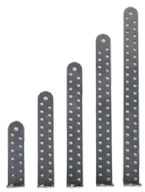
ISO-4

Natural rubber pads, designed to reduce vibration and noise emanating from refrigeration and air conditioning equipment. The circular design in each pad offers a suction cup effect, which eliminates the need to bolt the pads down. A standard 18" (46cm) pad is divided into eighty-one 2" (5cm) segments, each of which may be cut or torn to provide smaller pads. These 50 durometer pads will withstand a load of 180 psi with greater resiliency.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ISO-2	2" x 2" x 3/4" Rubber	EA	24
ISO-4	4" x 4" x 3/4" Rubber	EA	12
ISO-18	18" x 18" x 3/4" Rubber	EA	6

TIE-DOWN CLIPS

The Hurricane Pad™ Tie Down Clips



Brackets used to secure condensing units to a pad or stand. These Florida approved clips use #8 self-tapping or self-drilling screws to secure to condenser. Florida Product Approved for use in Hurricane Zones.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
TDC-4	The Hurricane Pad™ Attachment Bracket - 4", pack of 4	PK	1
TDC-4-100	The Hurricane Pad™ Attachment Bracket - 4", pack of 100	PK	1
TDC-6	The Hurricane Pad™ Attachment Bracket - 6", pack of 4	PK	1
TDC-8	The Hurricane Pad™ Attachment Bracket - 8", pack of 4	PK	1
TDC-10	The Hurricane Pad™ Attachment Bracket - 10", pack of 4	PK	1
TDC-12	The Hurricane Pad™ Attachment Bracket - 12", pack of 4	PK	1

VIBRATION ISOLATION STRIPS

Vibration Isolation Strips for Mini-Split & VRF/VRV

These high-density elastometric-coated, molded and pre-compressed fiberglass strips are UV resistent and designed to provide vibration isolation and allow controlled movement in the fiber media.



QSAC5101



QSAC5201

QUICK-SLING®

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSAC5100	Mini-Split Vibration Isolation Strips - "00" for narrow mini-split stands	EA	1
QSAC5101	Mini-Split Vibration Isolation Strips - "01" for standard mini-split stands	EA	1
QSAC5102	Mini-Split Vibration Isolation Strips - "02" for two fan mini-split stands	EA	1
QSAC5104	Mini-Split Vibration Isolation Strips - "04" for 2-arm large mini-split stands	EA	1
QSAC5105	Mini-Split Vibration Isolation Strips - "05" for 3-arm large mini-split stands	EA	1
QSAC5200	Super Stand® Vibration Isolation Strips - 48 in.	EA	1
QSAC5201	Super Stand® Vibration Isolation Strips - 62 in.	EA	1
QSAC5202	Super Stand® Vibration Isolation Strips - 74 in.	EA	1

RAIN AND SNOW SHIELDS

Roof Bracket

The Quick-Sling® Roof Bracket mounts to QSWB3000 or the QSMS1200, 1201, 1202, 1800, 1801, 1802, 2400, 2401 and protects the equipment from snow and freezing rain.



QSRB1000

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QSRB1000	Roof Bracket	EA	1

STRUT CLIPS & CLAMPS

Studded Clips



Studded Clips fit directly onto 5/16" (M8) or 3/8" (M10) size threaded rods. No tool required to intall. Use for refrigeration, A/C tubing, PEX piping, conduit, and cabling support. The clips are UL2043 compliant and suitable for Plenum spaces. They are heat, light and U.V. stabilized for outdoor use. Available in 11 sizes to fit pipes with 5/8" to 2-1/8" outer diameter.

CATALOG NO.	ROD SIZE	TUBE O.D. (IN.)	UOM	ORDER MUL.
SC08-15	5/16"	5/8"	10 Pack	1
SC08-20	5/16"	3/4"	10 Pack	1
SC08-22	5/16"	7/8"	10 Pack	1
SC08-25	5/16"	1"	10 Pack	1
SC08-28	5/16"	1-1/8"	10 Pack	1
SC08-32	5/16"	1-1/4"	10 Pack	1
SC08-35	5/16"	1-3/8"	10 Pack	1
SC08-40	5/16"	1-1/2"	10 Pack	1
SC08-42	5/16"	1-5/8"	10 Pack	1
SC08-50	5/16"	2"	10 Pack	1
SC08-54	5/16"	2-1/8"	10 Pack	1
SC10-15	3/8"	5/8"	10 Pack	1
SC10-20	3/8"	3/4"	10 Pack	1

*Add "-100" to the end of part numbers for 100 pieces pack.

CATALOG NO.	ROD SIZE	TUBE O.D. (IN.)	UOM	ORDER MUL.
SC10-25	3/8"	1"	10 Pack	1
SC10-28	3/8"	1-1/8"	10 Pack	1
SC10-32	3/8"	1-1/4"	10 Pack	1
SC10-35	3/8"	1-3/8"	10 Pack	1
SC10-40	3/8"	1-1/2"	10 Pack	1
SC10-42	3/8"	1-5/8"	10 Pack	1
SC10-50	3/8"	2"	10 Pack	1
SC10-54	3/8"	2-1/8"	10 Pack	1

*Add "-100" to the end of part numbers for 100 pieces pack.

InsulClips



InsulClips fit directly into vertical and horizontal standard 1-5/8" strut channels. No tool required to intall. Use for refrigeration, A/C tubing, PEX piping, conduit and cabling support. They are ideal for insulated pipes, to maintain vapor seal of the insulation and eliminates sweating. The clips are UL2043 compliant and suitable for Plenum spaces. They are heat, light and U.V. stabilized for outdoor use. Available in 11 sizes to fit pipes with 5/8" to 2-1/8" outer diameter.

CATALOG NO.	TUBE O.D. (IN.)	UOM	ORDER MUL.
IC00-15	5/8"	10 Pack	1
IC00-20	3/4"	10 Pack	1
IC00-22	7/8"	10 Pack	1
IC00-25	1"	10 Pack	1
IC00-28	1-1/8"	10 Pack	1
IC00-32	1-1/4"	10 Pack	1
IC00-35	1-3/8"	10 Pack	1
IC00-40	1-1/2"	10 Pack	1
IC00-42	1-5/8"	10 Pack	1
IC00-50	2"	10 Pack	1
IC00-54	2-1/8"	10 Pack	1

*Add "-100" to the end of part numbers for 100 pieces pack.

Cable Tie Channel Clips



Cable Tie Channel Clips fit directly into vertical and horizontal standard 1-5/8" strut channels. No tool required to intall. Use for refrigeration, A/C tubing, PEX piping, conduit and cabling support. The clips are compliant with UL2043 and suitable for Plenum spaces. They are heat, light and U.V. stabilized for outdoor use. They accommodate PVC or metal cable ties up to a width of 11/16"(17mm). Three support base lengths available in 2" (50mm), 2-1/2" (65mm) and 3" (80mm).

CATALOG NO.	LENGTH	UOM	ORDER MUL.
CTC-050	2"	10 Pack	1
CTC-065	2-1/2"	10 Pack	1
CTC-080	3"	10 Pack	1

*Add "-100" to the end of part numbers for 100 pieces pack.

Rigid Strut Clamp



Extra durable Zinc Electroplate Finished Strut Clamps to secure rigid and IMC conduits and pipes to struts. The Clamps with 2-1/2" through 8" diameter are suitable for rigid and EMT conduits.

CATALOG NO.	PINCH SIZE (IN.)	O.D. (IN.)	DESIGN LOAD (LBS.)	UOM	ORDER MUL.
17515	3/4"	1.050"	600	EA	100
17516	1"	1.315"	600	EA	100
17518	1-1/2"	1.900"	800	EA	50
17519	2"	2.375"	800	EA	50
17520	2-1/2"	2.875"	800	EA	50
17521	3"	3.500"	800	EA	25
17522	3-1/2"	4.000"	1000	EA	25
17523	4"	4.500"	1000	EA	25

STRUT CLIPS & CLAMPS CONT'D

Flat Surface Adapter



RPC-FB

The new Flat Surface Adapter is designed as a mounting base for RPC Clips, InsulClips, and Cable Tie Channel Clips. It easily screws onto any flat surface to provide a secure base for mounting. Made of a strong and lightweight polyamide (nylon) material.

- UL2043 compliant
- Includes slots for cable ties
- Fast and easy to install as a mounting base

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
RPC-FB	RPC Flat Surface Adapter	10 Pack	1
RPC-FB-100	RPC Flat Surface Adapter	10 Pack	1

Universal Strut Clamp



17532

A highly versatile Universal Strut Clamp. Fits both pipe (rigid conduit)/IMC and thin walled tubing (EMT) in the corresponding sizes. Secures conduit to strut. Zinc Electro-Plate Finish.

CATALOG NO.	PINCH SIZE (IN.)	O.D. (IN	DESIGN LOAD (LBS.)	UOM	ORDER MUL.
17532	1/2"	0.773"	400	EA	100
17533	3/4"	0.986"	600	EA	100
17534	1"	1.239"	600	EA	100
17535	1-1/4"	1.585"	600	EA	50
17536	1-1/2"	1.820"	800	EA	50
17537	2"	2.286"	800	EA	50

Cushion Clamps



538-1/4

An industry standard universal clamp that mounts to standard strut. Steel with electrodichromate finish to resist corrosion. The lock nut has a nylon insert for a posittve lock. The polymeric grommet withstands temperatures from -25°C TO 125°C and resists the effects of most oils, chemicals, and industrial cleaning compounds.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
538-1/4	Clamp Cushion - 1/4"	PK	25
538-3/8	Clamp Cushion - 3/8"	PK	25
538-1/2	Clamp Cushion - 1/2"	PK	25
538-5/8	Clamp Cushion - 5/8"	PK	25
538-3/4	Clamp Cushion - 3/4"	PK	25
538-7/8	Clamp Cushion - 7/8"	PK	25
538-1-1/8	Clamp Cushion - 1-1/8"	PK	10
538-1-3/8	Clamp Cushion - 1-3/8"	PK	10
538-1-5/8	Clamp Cushion - 1-5/8"	PK	10
538-2-1/8	Clamp Cushion - 2-1/8"	PK	10
538-2-5/8	Clamp Cushion - 2-5/8"	PK	10
538-3-1/8	Clamp Cushion - 3-1/8"	CS	40
538-4-1/8	Clamp Cushion - 4-1/8"	PK	10

Rapid Positioning Clips



Rapid Positioning Clips fit directly into vertical and horizontal standard 1-5/8" strut channels. No tool required to intall. Use for refrigeration, A/C tubing, PEX piping, and conduit support. They prevent cracked and fractured joints by allowing secured pipe to expand. The clips are UL2043 compliant and suitable for Plenum spaces. They are heat, light and U.V. stabilized for outdoor use. Available in 9 sizes to fit pipes with 1/4" to 1-5/8" outer diameter.

CATALOG NO.	TUBE O.D. (IN.)	UOM	ORDER MUL.
RPC-0014	1/4"	10 Pack	1
RPC-0038	3/8"	10 Pack	1
RPC-0012	1/2"	10 Pack	1
RPC-0058	5/8"	10 Pack	1
RPC-0034	3/4"	10 Pack	1
RPC-0078	7/8"	10 Pack	1
RPC-0118	1-1/8"	10 Pack	1
RPC-0138	1-3/8"	10 Pack	1
RPC-0158	1-5/8"	10 Pack	1

*Add "-100" to the end of part numbers for 100 pieces pack.

EMT Strut Clamp



17542

Zinc Electroplate Finished Strut Clamps to secure EMT conduits and pipes to struts.

CATALOG NO.	PINCH SIZE (IN.)	O.D. (IN	DESIGN LOAD (LBS.)	UOM	ORDER MUL.
17542	1/2"	0.706"	400	EA	100
17543	3/4"	0.922"	400	EA	100
17544	1"	1.163"	600	EA	100
17545	1-1/4"	1.510"	600	EA	50
17546	1-1/2"	1.740"	800	EA	50
17547	2"	2.197"	800	EA	50

Channel Post Base for 1-5/8" Strut Channels



17452

A Post Base secures a strut assembly to the floor or other surfaces. These Post Bases are made of galvanized steel and are available as 2 and 4 hole, heavy-duty, mounting option.

CATALOG NO.	DESCRIPTION	SIZE	UOM	ORDER MUL.
17450	Post Base 2 Hole	4" x 6"	EA	5
17452	Post Base 4 Hole, Corner Orientation	6" x 6"	EA	5
17454	Post Base 4 Hole, Side Orientation	6" x 6"	EA	5

STRUT CLIPS & CLAMPS CONT'D

Channel Nuts

Spring Channel Nuts to attach a threaded rod to a strut. They are available with short springs for 13/16" & 1" channels and with regular springs for 1-3/8" & 1-5/8" channels. Zinc Electroplate finished.



17430

CATALOG NO.	DESCRIPTION	THREAD	THICK-NESS	UOM	ORDER MUL.
17412	Channel Nut - Short Spring	1/4"-20"	.25"	EA	100
17438	Channel Nut - Regular Spring	3/8"-16"	.37"	EA	100
17442	Channel Nut - Regular Spring	1/2"-13"	.50"	EA	100

Strut to Beam Clamps

These clamps connect a beam to a strut installation. They are designed for a load up to 1200 lbs. when used in pairs. Zinc Electroplate Finish.



17462

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
17462	Beam Clamp for 13/16" & 1-5/8" Channel	EA	25
17464	Beam Clamp for 2-7/16" & 3-1/4" Channel	EA	25

Spring Steel Beam Clamp

This fast-installing Beam Clamp fits beam flanges up to 1/2". It can be used with 1/4" and 3/8" threaded rod, "S" hooks, conduit hangers, electrical boxes, and #10-24 or 1/4"-20 bridle rings.



18016

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
18016	Spring Steel Beam Clamp	EA	100

Flange Mount Conduit Assembly - Bottom Mount

The Assembly suspends a conduit from the bottom of a beam with a Posi-Lock mechanism. It installs with a hammer only and can pivot 360°. The rated static load limit is 75 lbs.



18200

CATALOG NO.	DESCRIPTION	FLANGE THICKNESS	FITS CONDUIT	UOM	ORDER MUL.
18200	Flange Mount Conduit Assembly - Bottom Mount - Posi-Lock	1/8"-1/4"	3/8"	EA	100
18050	Flange Mount Conduit Assembly - Bottom Mount - Posi-Lock	1/8"-1/4"	1/2" - 3/4"	EA	100
18202	Flange Mount Conduit Assembly - Bottom Mount - Posi-Lock	1/8"-1/4"	1	EA	100

Connection Plates for 1-5/8" Strut Channels

Connection Plates are used to connect strut channels to each other. Splice plates allow to make extensions by connecting several channels while corner and angle plates make 90° connections. All plates are manufactured of steel with Zinc Electroplate finish, are 1/4" thick, and designed to be used with 1-5/8" strut channels.



17626



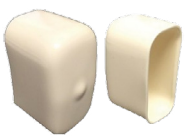
17636

17634

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
17618	Square Washer 1/2"	EA	100
17628	2 Hole Corner Angle	EA	50
17630	2 Hole Cross Corner Angle	EA	50
17632	3 Hole Corner Plate	EA	25
17633	3 Hole Cross Corner Angle	EA	50
17634	4 Hole 3 Way Corner Angle	EA	25
17638	2 Hole Open 45° Corner Angle	EA	25

Plastic White End Caps

Plastic White End Caps are used to cover the ends of a strut channel. Made of soft PVC material they provide a safe, smooth capping.



17682

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
17684	Plastic White End Caps for 1-5/8" Channel	EA	100

Spring Steel Beam Clamps

Spring Steel Clamps allow to suspend boxes, fixtures and bridle rings to 1/8" through 3/4" beam flanges.



18123



18018

CATALOG NO.	DESCRIPTION	FLANGE THICKNESS	STATIC LOAD	UOM	ORDER MUL.
18123	Spring Steel Beam Clamps 1/4"-20 x 3/8" Stud	1/8" to 1/4"	75 lbs	EA	100
18124	Spring Steel Beam Clamps 1/4"-20 x 3/8" Stud	5/16" to 1/2"	75 lbs	EA	100
18018	Spring Steel Beam Clamps 1/4"-20 x 3/8" Stud	1/8" to 1/4"	200 lbs	EA	100

Spring Steel Cable Clips

The Cable Clip for MC, AC, or BX support 14-2, 14-3 & 12-2 cables in horizontal or vertical position.
NOTE: The product is designed for positioning only, with no load rating.



18026

CATALOG NO.	DESCRIPTION	FOR USE WITH	UOM	ORDER MUL.
18026	Spring Steel Cable Clips	OD's from .433 to .535	EA	100

Flange Mount Conduit Assembly - Side Mount

The Assembly suspends a conduit from the side of a beam with a Posi-Lock mechanism. It installs with a hammer only and can pivot 360°. The rated static load limit is 25 lbs.



18231

CATALOG NO.	DESCRIPTION	FLANGE THICKNESS	FITS CONDUIT	UOM	ORDER MUL.
18231	Flange Mount Conduit Assembly - Side Mount - Posi-Lock	1/8"-1/4"	1/2"-3/4"	EA	100
18232	Flange Mount Conduit Assembly - Side Mount - Posi-Lock	1/8"-1/4"	1"	EA	100
18240	Flange Mount Conduit Assembly - Side Mount - Posi-Lock	5/26"-1/2"	1/2"-3/4"	EA	100

Beam Clamp to Conduit Hanger Assembly

The Spring Steel Beam Clamp with a Pre-Installed Posi-Lock conduit hanger is available for bottom and side mount of conduits. The rated static load is 100 lbs. for the vertical, and 25 lbs. for the horizontal installation.



18130

CATALOG NO.	DESCRIPTION	FOR USE WITH	UOM	ORDER MUL.
18130	Bottom Mount	1/2"-3/4"	EA	100
18140	Side Mount	1/2"-3/4"	EA	100

Bridle Rings

Zinc-Plated Bridle Rings are a good support for communication cables & other low voltage uses. They are available as Bolt-On, commonly used with Beam Clamps, and as Screw-In, commonly used with Wooden Beams. The Cable Support Bridle Rings with saddle are a cost-effective alternative to expensive cable tray. Their wide surface saddle provides support without stress for Category 5, fiber-optic, and other sensitive voice/Datacom cables.



18422



18058

CATALOG NO.	DESCRIPTION	RING DIAMETER	THREAD	UOM	ORDER MUL.
18421	Bridle Rings - Bolt-On	1-1/2"	1/4"-20	EA	100
18422	Bridle Rings - Bolt-On	2"	1/4"-20	EA	100
18425	Bridle Rings - Screw-On	1"	3/16"	EA	100
18426	Bridle Rings - Screw-On	1-1/2"	1/4"	EA	100
18427	Bridle Rings - Screw-On	2"	1/4"	EA	100
18058	Bridle Rings - Bolt-On	2"	1/4"-20	EA	50
18060	Bridle Rings - Bolt-On	4"	1/4"-20	EA	50

Z Purlin Hanger

Z Purlin Angled Flange Hangers are used to attach threaded rod or hooks and straps to an angled Z purlin. The Hangers are holding up to 100 lbs.



18180



18160

CATALOG NO.	DESCRIPTION	FOR USE WITH	UOM	ORDER MUL.
18180	Z Purlin Flange Hanger	Flange from 1/16" - 1/4"	EA	100
18160	Z Purlin Rod Hanger Assembly	1/4" Threaded Rod	EA	100
18161	Z Purlin Rod Hanger Assembly	3/8" Threaded Rod	EA	100

J-Hooks

2" J Hooks for Datacom applications are a cost-effective alternative to expensive cable tray. Their wide base provides support without stress for Cat5, fiber-optic and other sensitive voice/Datacom cables. The continuous wide base radius supports the natural curve of cables and ensures eliminating kinks & bending. A cable wire retainer is supplied with every part. Its unique design eliminates the need for an attachment plate when stacked. These J-Hooks can be attached to a wide variety of structures using beam clamps, clips and many other components.



18056

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
18056	J Hooks - 2", Screw Mount	EA	25

Box To T-Bar Fastener

A Snap-On 24" span box hanger with dual height adjustment that allows flush or 3/4" offset mounting of boxes. It is produced of pre-galvanized steel with spring steel hardware and has 1 BBC mounting clip with screw included.



18054

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
18054	24" Span Box to T-Bar Fastener	EA	100

Box Stabilizer Support

This Stabilizer for electrical boxes is made of pre-galvanized steel. The box support is designed to be screwed to 2-1/2", 3-1/2" & 4" wood or metal studs.



18370

CATALOG NO.	STUD SIZE	UOM	ORDER MUL.
18370	2-1/2", 3-1/2"	EA	100
18052	2-1/2", 3-1/2", 4"	EA	100

STRUT CLIPS & CLAMPS CONT'D

T-Bar Scissor Clips

This 2-piece T-Bar Scissor Clip mounts fixtures or boxes to a 1" T-bar. Includes a wing nut washer. Static Load Limit of 100 lbs.



18387

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
18387	24" Span Box to T-Bar Fastener	EA	50

2 Hole PVC Pipe Straps

Designed to accommodate Schedule 40 PVC Conduit. The Heavy-Duty Polythene material resists deterioration from UV rays and breakage from extreme cold.



19490

CATALOG NO.	TRADE SIZE	UOM	ORDER MUL.
19490	1/2"	EA	100
19492	3/4"	EA	100
19494	1"	EA	100
19496	1-1/4"	EA	50
19498	1-1/2"	EA	50
19500	2"	EA	50
19501	2-1/2"	EA	25
19502	3"	EA	25
19503	4"	EA	25

1 Hole EMT Pipe Straps - Steel

Zinc Plated Steel Pipe Straps with a reinforced hole and rib for extra strength to secure EMT conduits. Easy Snap-On installation.



19400

CATALOG NO.	TRADE SIZE	UOM	ORDER MUL.
19400	1/2"	EA	100
19401	3/4"	EA	100
19402	1"	EA	100

BX 1 Hole Strap

These one-hole pipe straps are ideal for hanging tubing, pipe, conduit and BX cable. They are made of pre-galvanized zinc plated steel with a reinforced rib for extra strength.



19463

CATALOG NO.	CABLE SIZE	UOM	ORDER MUL.
19463	BX: 14 - 2 Thru 10 - 3	EA	100

1 Hole Rigid Pipe Straps - Heavy Duty – Steel

The 1 Hole Rigid Pipe Strap is made of zinc plated steel with a reinforced hole and rib for heavy duty applications. It can be easily Snap-On installed and is used to secure Rigid & IMC conduit.



19426

CATALOG NO.	TRADE SIZE	UOM	ORDER MUL.
19426	1"	EA	25

2 Hole Rigid Pipe Straps - Steel

The 2 Hole Rigid Zinc Plated Steel Pipe Straps with reinforced holes and rib for extra strength are used to secure Rigid & IMC conduit. Easy Snap-On installation.



19438

CATALOG NO.	TRADE SIZE	UOM	ORDER MUL.
19443	3"	EA	1
19444	4"	EA	1
19446	6"	EA	1

CONDENSATE MANAGEMENT












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Asurity®

Providing best-in-class HVAC/R service and support is what you do, and relying on dependable product solutions is critical to getting the job done right — and to your customer's satisfaction.

Meet Asurity® — a DiversiTech® brand of condensate management products that provide a complete system of pumps, switches, drain pans, and treatments supported by highly trained technical support when you need it. At Asurity, we do more than create complete system solutions, we create peace of mind.











NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

TANK PUMPS

ULTRACP-22

- Translucent Tank for Easy & Fast Inspection
- Removable Check Valve for Easy Cleaning
- LED Indicators Confirm Pump Status
- Built-in Safety Overflow Switch
- Handles Condensate up to 160° F
- 60 Hz, 22' Lift



ULTRACP-22

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ULTRACP-22	Condensate Pump Ultra, 120 VAC	EA	6
ULTRACP-22-230	Condensate Pump Ultra, 230 VAC	EA	6

ULTRAIQP

- Intelligent sensor technology allows for quiet automatic variable speed operation, self cleaning, clear blockage feature and end-of-season mode.
- Translucent Tank for Easy & Fast Inspection
- Removable Check Valve for Easy Cleaning
- LED Indicators Confirm Pump Status
- Built-in Safety Overflow Switch
- Handles Condensate up to 160° F
- 60 Hz, 22' Lift
- ULTRAIQP-T includes 20' Clear Vinyl 3/8" Tubing



ULTRAIQP

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ULTRAIQP	ULTRAIQP Pump, 120 VAC	EA	6
ULTRAIQP-230	ULTRAIQP Pump, 230 VAC	EA	6
ULTRAIQP-T	ULTRAIQP Pump w/Tubing, 120 VAC	EA	6
ULTRAIQP-T-230	ULTRAIQP Pump w/Tubing, 230 VAC	EA	6

CP-22LP-P

- Reduced Height for Restricted Spaces
- LED Indicators Confirm Pump Status
- Built-in Safety Overflow Switch
- Handles Condensate up to 160° F
- Sturdy Metal Hang Tabs
- 60 Hz, 22' Lift



CP-22LP-P

Plenum Rated

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CP-22LP-P	Condensate Pump Specialty, 120 VAC	EA	6
CP-22LP-230-P	Condensate Pump Specialty, 230 VAC	EA	6

PROCP-22S

- Handles Condensate up to 160° F
- Built-in Safety Overflow Switch
- Sturdy Metal Hang Tabs
- 60 Hz, 22' Lift



PROCP-22S

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PROCP-22S	Condensate Pump Pro, 120 VAC	EA	6
PROCP-22S-230	Condensate Pump Pro, 230 VAC	EA	6

ULTRACP-22T

- Includes 20' Clear Vinyl 3/8" Tubing
- Translucent Tank for Easy & Fast Inspection
- Removable Check Valve for Easy Cleaning
- LED Indicators Confirm Pump Status
- Built-in Safety Overflow Switch
- Handles Condensate up to 160° F
- 60 Hz, 22' Lift



ULTRACP-22T

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ULTRACP-22T	Condensate Pump Ultra, 120 VAC	EA	6
ULTRACP-22T-230	Condensate Pump Ultra, 230 VAC	EA	6

FP-22

- Handles Acidic and Non-Acidic Condensate up to 190° F
- Stationary PVC Pipe Inlets for Easy Tank Access
- LED Indicators Confirm Pump Status
- Built-In Safety Overflow Switch
- Remove Check Valve Without Tools for Easy Cleaning



FP-22

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
FP-22	Condensate Pump Specialty, 120 VAC	EA	6

CP-22LP

- Reduced Height for Restricted Spaces
- LED Indicators Confirm Pump Status
- Built-in Safety Overflow Switch
- Handles Condensate up to 160° F
- Sturdy Metal Hang Tabs
- 60 Hz, 22' Lift



CP-22LP

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CP-22LP	Condensate Pump Specialty, 120 VAC	EA	6
CP-22LP-230	Condensate Pump Specialty, 230 VAC	EA	6

PROCP-22ST

- Includes 20' Clear Vinyl 3/8" Tubing
- Handles Condensate up to 160° F
- Built-in Safety Overflow Switch
- Sturdy Metal Hang Tabs
- 60 Hz, 22' Lift



PROCP-22ST

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PROCP-22ST	Condensate Pump Pro, 120 VAC	EA	6
PROCP-22ST-230	Condensate Pump Pro, 230 VAC	EA	6

TANK PUMPS CONT'D

PROCP-16

- Handles Condensate up to 160° F
- Sturdy Metal Hang Tabs
- 60 Hz, 16' Lift



PROCP-16

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PROCP-16	Condensate Pump Pro, 120 VAC	EA	6
PROCP-16-230	Condensate Pump Pro, 230 VAC	EA	6

CP-CV

Check valve installs easily and prevents water from travelling backwards into the pump and overflowing.



CP-CV

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CP-CV	Replacement Check Valve for CP-22 and PROCP Models	EA	1

PROCP-46

- Handles Acidic and Non-Acidic Condensate up to 212°F
- Large 1-Gallon Tank Instantly Reduces Temperature of Boiler & Steam Humidifier Discharge
- Flow Rate up to 190 Gallons Per Hour
- Quarter-Turn Removable Check Valve
- Built-In Safety Overflow Switch
- 60 Hz, 49' Lift



PROCP-46

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PROCP-46	Condensate Pump Pro, 120 VAC	EA	6
PROCP-46-230	Condensate Pump Pro, 230 VAC	EA	6

DUCTLESS MINI-SPLIT PUMPS

CVMINI

- Variable Speed for Silent Operation (19.0 Decibels)
- Suction Lift 6.5'
- For Equipment up to 120K BTU/h
- Built-in Safety Overflow Switch with Alarm & Run Contacts
- LED Indicators Confirm Pump Status
- Includes Installation Accessories
- Floatless Sensor Technology
- 60 Hz, 35' Lift



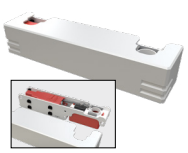
CVMINI

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CVMINI	Condensate Pump Ductless, 120-240 VAC	EA	6

QUIETMINI-M

- Undermount Pump for Ductless System
- Ultra Quiet (21dBA)
- Removable Reservior for Easy Maintenance
- Built-in Safety Overflow Switch
- Max Unit Output 54,000 BTU/h, 16kW
- 60 Hz, 26' Lift



QUIETMINI-M

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QUIETMINI-M	Condensate Pump Ductless, 115-230 VAC	EA	10

QUIETMINI-I

- Ultra Quiet Piston Pump, (19 dBA)
- Compact Design for Mini-Splits
- Built-In Safety Overflow Switch
- Easy Installation & Maintenance
- Anti-Vibration Mounts
- Built-In Check Valve Preventing Backflow
- Max Output 24,000 BTU/h, 7 kW
- Max Unit Output 54,000 BTU/h, 16kW
- 60 Hz, 26' Lift



QUIETMINI-I

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QUIETMINI-I	Condensate Pump Ductless, 115-230 VAC	EA	10

FLOOD SWITCHES

Wet Switch® Flood Detector

- Latching Function
- Turns Off with as Few as 1-2 Drops of Water Detection
- LED Indicators
- Connect Multiple Switches to Expand Protection Area
- Flexible Placement Options



WS-1

Plenum Rated

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
WS-1	Wet Switch Flood Detector	EA	1

Connected Wet Switch® Smart Wi-Fi Enabled Flood Detector

- Texts and Emails the Contact Provided to Ensure Immediate Action is Taken
- Latching Function
- Turns Off Equipment with As Few As 1-2 Drops of Water Detection
- LED Indicators Confirm System Status
- Connect Multiple Switches to Expand Protection Area
- Flexible Placement Options
- Can Be Connected to Multiple Pieces of Equipment
- Label for Contractor Information



WS-1C

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
WS-1C	Connected Wet Switch Smart WiFi Enabled Flood Detector	EA	1

Wet Switch® Dual Voltage Flood Detector

- Latching Function
- Turns Off with as Few as 1-2 Drops of Water Detection
- LED Indicators
- Connect Multiple Switches to Expand Protection Area
- Flexible Placement Options
- 12 Volt: Integrates into Building Automation Systems and Transmits Alarm Signal with as Few as 1-2 Drops of Water Detection
- 24 Volt: Works with All HVAC Systems



WS-2DV

Plenum Rated

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
WS-2DV	Dual Voltage Flood Detector	EA	1

Leak Detector

- Innovative 3D textured base disrupts surface tension for faster water detection and reset times
- LED Indicators Confirm System Status, (Power, Moisture Detected)
- Connect Multiple Switches to Expand Protection Area
- Flexible Placement Options
- Can Be Connected to Multiple Pieces of Equipment
- Self-Resetting Once Moisture is Removed
- Non-Latching Function



LD-1

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
LD-1	Leak Detector	EA	1

INLINE SWITCHES

CS-1 Condensate Safety Overflow Switch

- LED Illuminates When Condensate Line is Blocked
- Built-In Protection Against Power Surges Provides Increased Reliability
- Three Installation Configurations for Increased Flexibility
- For Standard & Plenum Rated Installations in Primary or Auxiliary Lines



CS-1

Plenum Rated

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CS-1	Condensate Safety Overflow Switch	EA	10
CS-1-BULK50	Condensate Safety Overflow Switch	EA	50

SOS-1 Condensate Safety Overflow Switch

- Fits Over 3/4" Standard Plastic Pipe without Cutting Drain Line
- Float Free Design, Ideal for Drier Environments
- Switch Orientation Adjusts Sensitivity
- Includes Easy to Attach Primary Drain Pan Fitting
- For Standard Rated Installations in Primary or Auxiliary Lines



SOS-1

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SOS-1	Condensate Safety Overflow Switch	EA	12

CS-2 Condensate Safety Overflow Switch

- LED Illuminates When Condensate Line is Blocked
- Built-In Protection Against Power Surges Provides Increased Reliability
- For Standard & Plenum Rated Installations in Auxiliary Lines



CS-2

Plenum Rated

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CS-2	Condensate Safety Overflow Switch	EA	10
CS-2-BULK50	Condensate Safety Overflow Switch	EA	50

INLINE SWITCHES CONT'D

PRO-TREAT® In-Line Switch and Slow Release Treatment System

- Auto-Dosing Treatment Keeps Drain Lines Clean, Saving Time and Money by Preventing Buildup
- Treatment Formulated with Copper and Zinc to Eliminate Odors
- Safe, Non-Corrosive and 100% Soluble Condensate Line Treatment
- Latching Switch Shuts Down the HVAC System to Prevent Flood Damage, until Manually Reset
- Switch Prevents Short Cycling that Can Lead to Equipment Damage
- Includes one treatment cartridge; replacement cartridges sold separately (BG-40R)



BG-402

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BG-402	PRO-TREAT® In-Line Switch and Slow Release Treatment System	EA	30

PRIMARY DRAIN PAN SWITCHES

CS-3 Condensate Safety Overflow Switch

- Adjustable Activation Height
- Position Anywhere Along the Drain Pan
- For Standard Rated Installations in Primary or Secondary Drain Pans



CS-3

Plenum Rated

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CS-3	Condensate Safety Overflow Switch	EA	10
CS-3-BULK50	Condensate Safety Overflow Switch Bulk Pack of 50	EA	50

BG 301+ Condensate Safety Overflow Switch

- Latching Switch Prevents Short Cycling that Can Lead to Equipment Damage
- Less Intermittent or False Tripping
- Float Latches When Tripped
- Checks and Measures Water Levels
- 2 Adapters Included



BG-301+

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BG-301+	Condensate Safety Overflow Switch	EA	30
BG-301+T	Condensate Safety Overflow Switch with Trane Adapter	EA	30
BG-302P+T	Condensate Safety Overflow Switch with Trane Adapter Plenum Rated	EA	30

SECONDARY DRAIN PAN SWITCHES

BG-101 Condensate Safety Overflow Switch

- Latching Switch Trips in 50% Less Water than Most Standard Switches
- Prevents Short Cycling that Can Lead to Equipment Damage
- Less Intermittent or False Tripping
- Float Latches When Tripped
- Variable Height Feature
- For Metal & Plastic Drain Pans



BG-101

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BG-101	Condensate Safety Overflow Switch	EA	20

BG-110 Float Switch for Metal Drain Pans

- Latching Switch Trips in 50% Less Water than Most Standard Switches
- Prevents Short Cycling that Can Lead to Equipment Damage
- Less Intermittent or False Tripping
- Float Latches When Tripped
- Variable Height Feature
- For Metal Drain Pans



BG-110

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BG-110	Float Switch for Metal Drain Pans	EA	20

CS1200 Condensate Safety Overflow Switch

- Position Anywhere Along Drain Pan
- Clamps Easily Over the Edge of All Secondary Drain Pans
- Rotate Housing to Adjust to Pan Angle
- Translucent Design for Easy & Fast Inspection
- LED Indicator Illuminates when Switch is Activated
- For Standard Rated Installations in Secondary Drain Pans



CS1200

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CS1200	Condensate Safety Overflow Switch	EA	12

CC-1 Condensate Safety Overflow Switch

- Position Anywhere Along Drain Pan
- Adjustable Activation Height - Minimum 1.5"
- Sensor Assembly Swivels to Accommodate Drain Pans with Sloped Sides
- Clamps Easily Over the Edge of All Drain Pan Types, Including Formed Plastic and Galvanized Sheet Metal



CC-1

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CC-1	Condensate Safety Overflow Switch	EA	12

PLASTIC DRAIN PANS

Plastic Drain Pan

- Rolled Edges, Ribbed Bottom, Reinforced Corners
- PVC Fittings Included
- No Seams, No Rust, No Leakage

Complies with Southern Building Code



6-1838L

Asurity

CATALOG NO.	BOTTOM DIM. (IN.)	BOTTOM DIM. (CM.)	OVERALL DIM. (IN.)	OVERALL DIM. (CM.)	DEPTH (IN.)	DEPTH (CM.)	UOM	ORDER MUL.
6-1838L	18" x 38"	46 x 97	20" x 40"	51 x 102	2"	5	EA	5
6-1838S	18" x 38"	46 x 97	20" x 40"	51 x 102	2"	5	EA	5
6-2424L	24" x 24"	61 x 61	26" x 26"	66 x 66	2"	5	EA	5
6-2626L	26" x 26"	66 x 66	28" x 28"	71 x 71	2"	5	EA	5
6-2739L	27" x 39"	69 x 99	29" x 41"	74 x 104	2"	5	EA	5
6-2748L	27" x 48"	69 x 122	29" x 50"	74 x 127	2"	5	EA	5
6-2763L	27" x 63"	69 x 160	29" x 65"	74 x 165	2"	5	EA	5
6-3030L	30" x 30"	76 x 76	32" x 32"	81 x 81	2"	5	EA	5
6-3050L	30" x 50"	76 x 127	32" x 52"	81 x 132	2"	5	EA	5
6-3060L	30" x 60"	76 x 152	32" x 62"	81 x 157	2"	5	EA	5
6-3060S	30" x 60"	76 x 152	32" x 62"	81 x 157	2"	5	EA	5
6-3263L	32" x 63"	81 x 160	34" x 65"	86 x 165	2"	5	EA	5
6-3263L-F	32" x 63"	81 x 160	34" x 65"	86 x 165	2"	5	EA	5
6-3636L	36" x 36"	91 x 91	38" x 38"	97 x 97	2"	5	EA	5
6-3660L	36" x 60"	91 x 152	38" x 62"	97 x 157	2"	5	EA	5
6-3660S	36" x 60"	91 x 152	38" x 62"	97 x 157	2"	5	EA	5

L = Drain Line Outlets in Long Side S = Drain Line Outlets in Short Side

METAL DRAIN PANS

Seamless Metal Drain Pan

- Single-Piece Design
- Rolled Edge
- Two Outlets
- Fittings Included



6-M2748

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-M2748	26 Gauge Metal Drain Pan - 27" x 48"	EA	5
6-M2763	26 Gauge Metal Drain Pan - 27" x 63"	EA	5
6-M3030	26 Gauge Metal Drain Pan - 30" x 30"	EA	5
6-M3050	26 Gauge Metal Drain Pan - 30" x 50"	EA	5
6-M3060	26 Gauge Metal Drain Pan - 30" x 60"	EA	5
6-M3263	26 Gauge Metal Drain Pan - 32" x 63"	EA	5

Corrugated Edge Metal Drain Pan

- Single-Piece Design
- Rolled Edge
- Two Outlets
- Fittings Included



6-M2460L

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-M2460L	26 Gauge Metal Drain Pan - 24" x 60"	EA	5
6-M2656L	26 Gauge Metal Drain Pan - 26" x 56"	EA	5
6-M3066L	26 Gauge Metal Drain Pan - 30" x 66"	EA	5
6-M3070L	26 Gauge Metal Drain Pan - 30" x 70"	EA	5
6-M3172L	26 Gauge Metal Drain Pan - 31" x 72"	EA	5
6-M3265L	26 Gauge Metal Drain Pan - 32" x 65"	EA	5
6-M3636L	26 Gauge Metal Drain Pan - 36" x 36"	EA	5
6-M3274L	26 Gauge Metal Drain Pan - 32" x 74"	EA	5
6-M3160L	26 Gauge Metal Drain Pan - 31" x 60"	EA	5

HIGH RISE DRAIN PANS

High Rise Pan™

- Position AV Pads Where You Want Them
- Full 5" Rise from Bottom of Pan
- Heavy Reinforcement Throughout
- Water Flows Towards Sides
- Installation Kit Provided
  (Condensate Safety Overflow Switch, Anti-Vibration Pads, Fitting)



6-HK2748

Asurity

Meets Requirements for Florida Building Code (307.23 Auxiliary and Secondary Drain Systems)

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-HK2748	High Rise Pan™ 27" x 48" with Installation Kit including: One CC-1, Six MP-2E 2" x 2" EVA™ Pads, One 6-1 3/4" PVC male adapter	EA	5
6-HK2748-1	Single Pack Kit - High Rise Pan™ 27" x 48" with Installation Kit including: One CC-1, Six MP-2E 2" x 2" EVA™ Pads, One 6-1 3/4" PVC male adapter	EA	1
6-HK2766	High Rise Pan™ 27" x 66" with Installation Kit including: One CC-1, Six MP-2E 2" x 2" EVA™ Pads, One 6-1 3/4" PVC male adapter	EA	5
6-HK2766-1	Single Pack Kit - High Rise Pan™ 27" x 66" with Installation Kit including: One CC-1, Six MP-2E 2" x 2" EVA™ Pads, One 6-1 3/4" PVC male adapter	EA	1
6-HK3050	High Rise Pan™ 30" x 50" with Installation Kit including: One CC-1, Six MP-2E 2" x 2" EVA™ Pads, One 6-1 3/4" PVC male adapter	EA	5
6-HK3050-1	Single Pack Kit - High Rise Pan™ 30" x 50" with Installation Kit including: One CC-1, Six MP-2E 2" x 2" EVA™ Pads, One 6-1 3/4" PVC male adapter	EA	1
6-HK3060	High Rise Pan™ 30" x 60" with Installation Kit including: One CC-1, Six MP-2E 2" x 2" EVA™ Pads, One 6-1 3/4" PVC male adapter	EA	5
6-HK3060-1	Single Pack Kit - High Rise Pan™ 30" x 60" with Installation Kit including: One CC-1, Six MP-2E 2" x 2" EVA™ Pads, One 6-1 3/4" PVC male adapter	EA	1

Heavy Duty High Rise Pan™

- Full 4.25" Rise from Bottom of Pan
- Heavy Reinforcement Throughout
- Suitable for Hanging Applications
- Water Flows Towards Sides
- Installation Kit Provided
  (Condensate Safety Overflow Switch, Anti-Vibration Pads, Fitting)



6-HK3060HD

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-HK3050HD	Heavy Duty High Rise Pan 30" x 50"	EA	5
6-HK3060HD	Heavy Duty High Rise Pan 30" x 60"	EA	5
6-HK3060HD	Heavy Duty High Rise Pan 30" x 70"	EA	5

Drain Pan Installation Kits

- Asurity® Installation Kits have everything needed to install our High Rise and Heavy Duty High Rise Drain Pans



6-HKIT



HRHD-KIT

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-HKIT	High Rise Drain Pan Installation Kit	EA	1
HRHD-KIT	High Rise Heavy Duty Pan Installation Kit	EA	1

FURNACE PANS

Furnace Pans

- Heavy Duty Construction
- Installation Kit Provided
  (Condensate Safety Overflow Switch, Heat Pump Risers, Fitting)



6-HK3378FUR

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-HK3364FUR	Furnace Pan - 33" x 64" w/Installation Kit	EA	5
6-HK3378FUR	Furnace Pan - 33" x 78" w/Installation Kit	EA	5

WATER HEATER PANS

Water Heater Pans

Aluminum water heater pans can be installed under gas or electric water heaters to protect from water damage. Includes a 1" PVC drain fittings to allow for connection to indirect drain. Each pan is manufactured from .032 in. prime aluminum with a pre-cut side opening to accommodate a drain fitting. Pan depth is a minimum 2.5 in.



6-M22

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-M22	Galvanized Steel Water Heater Pan - 22 in.	EA	6
6-M24	Galvanized Steel Water Heater Pan - 24 in.	EA	6
6-M26	Galvanized Steel Water Heater Pan - 26 in.	EA	6
6-M30	Galvanized Steel Water Heater Pan - 30 in.	EA	6

SPECIALTY DRAIN PANS

Mini-Split System Drain Pans

- UV-stabilized and Reinforced Polypropylene
- Powder-coated Steel
- Comes with Mounting Hardware and Drain Pan Outlet



230-DPPL



Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-DPPL	Poly Condensate Drain Pan (Large)	EA	1
230-DPPM	Poly Condensate Drain Pan (Medium)	EA	1

Condensate Pump Pan

- Provides Redundant Protection from Water Overflows
- Fits Condensate Pump with CS-3 Switch
- No Seams, No Rust, No Leakage
- Pump and CS-3 not included



CP-PAN

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CP-PAN	Condensate Pump Pan	EA	24

Humidifier Drain Pan

- Safely Capture Overflow & Debris
- CS-3 Condensate Safety Overflow Switch Included for Extra Protection
- Easy Installation with Included Hardware



HM-PAN

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
HM-PAN	Humidifier Drain Pan	EA	6

A/C Condensate Drain Pan Fittings

The Drain Pan Fittings are designed to be used with our Condensate Drain Pans.



6-5



6-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-1	3/4" Slip	EA	50
6-2	1" Slip	EA	50
6-3	3/4" Slip with Plastic Nut	EA	50
6-5	3/4" Female Pipe Thread	EA	50
MDPK	Metal Drain Pan Kit	PK	1

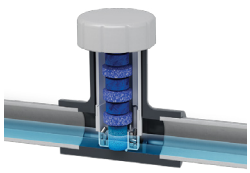
PAN TREATMENTS

Pro-Treat® In-Line Slow Release Treatment System

- Auto-Dosing Treatment Keeps Drain Lines Clean, Saving Time and Money by Preventing Buildup
- Triple-Defense Treatment Includes PRO-TREAT®, FLOW PLUS® & Zinc Tablets
- Formulated with Copper & Zinc to Eliminate Odors
- Simple Installation & Self-Regulating
- Comes with one treatment cartridge; replacement cartridges sold separately (BG-40R)



BG-400



Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BG-400	Pro-Treat® In-Line Slow Release Treatment System	EA	

Pro-Treat® Condensate Pan Treatment

- Controls Odor and Pan Overflows
- Combats Sludge, Slime, Fouling
- Helps Maintain Clean Drain Pan
- Approved for Computer Room Use



PRO-TREAT-151

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PROTREAT-151*	100 Tablets/Jar, 1 Tablet - 3 Tons/Mo.	EA	12
PROTREAT-152	12 King Size Tablets/Jar, 1 Tablet - 3 Tons/Mo.	EA	12
PROTREAT-161	100 Tablets/Jar, 2 Tablets - 3 Tons/Mo.	EA	12
PROTREAT-200	200 Tablets/Jar, 2 Tablets - 3 Tons/Mo.	EA	12
PROTREAT-217	200 Thin Tablets/Jar, 3 Tablets - 3 Tons/Mo.	EA	12

*EPA Registered

Pro-Treat® Pan Strips

- Kills Odor-Causing Bacteria
- Controls Odor and Pan Overflows
- Combats Sludge, Slime, Fouling, and Algae Growth



PS-01

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PS-01	For Equipment from 1 - 2 Tons, 10 App.	EA	12
PS-03	For Equipment from 3 - 5 Tons, 6 App.	EA	12
PS-07	For Equipment from 7 - 12 Tons, 2 App.	EA	24
PS-20	For Equipment from 10 - 25 Tons, 1 App.	EA	24
PS-40	For Equipment from 40 - 50 Tons, 1 App.	EA	12

EPA Registered
Each Pan Strip is a 6-Month Treatment.

Pro-Treat® In-Line Slow Release Treatment Replacement Cartridge

- Triple-Defense Treatment Includes PRO-TREAT®, FLOW PLUS® & Zinc Tablets
- Replacement Window Makes It Easy to Check Status
- Replacement Cartridge for BG-400 & BG-402



BG-40R

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BG-40R	Pro-Treat® In-Line Slow Release Treatment Replacement Cartridge (2 per pack)	PK	2

Flow-Plus® Condensate Pan Treatment

- Maintains Condensate Flow and Prevents Drain Pan Overflow
- Activated When Condensate Flows Over Surface
- Deodorizes
- Stays in Place
- No Residue



FLOW-PLUS-25

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
FLOW-PLUS-200	200 Mini Tabs/Jar, for 1/3 - 3 Ton Units	EA	4
FLOW-PLUS-25	25 Mini Tabs/Jar, for 1/2 - 3 Ton Units	EA	12
FLOW-PLUS-6	Light Tonnage, for 3 - 5 Ton Units	EA	12
FLOW-PLUS-10	Medium Tonnage, for 5 - 20 Ton Units	EA	18
FLOW-PLUS-125	High Tonnage, for 20 - 50 Ton Units	EA	8
FLOW-PLUS-CP	6 Pump Treatments Tablets	EA	6
SCM-185-8	Flow-Plus® Polymer Pan Treatment, (1) - 8 lb. Tub	EA	1

NEUTRALIZATION

Vertical Condensate Neutralizer



CNV-4K

- Suitable for 400,000 BTU/h at 93% Efficiency
- Prevents Acidic Condensate from Corroding Drains and Sewer Systems
- Helps Maintain a Neutral Environment for Bacteria in Septic Systems
- Suitable for Use on All Types of Natural Gas and Propane Appliances
- Float System Indicates if Unit has Become Plugged
- Integral Bypass Feature Prevents Condensate Backflow into Appliance
- 3/4" FNTP Inlet and Outlet Connections
- Includes Initial Charge of Neutralization Media

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CNV-4K	Vertical Condensate Neutralizer	EA	1

Neutralization Media

Prevents Acidic Condensate from Corroding Drains and Sewer Systems



CNM-3M

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CNM-4K	Replacement for CNV-4K, CNH-4K, CNHK-4K	EA	1
CNM-BULK	Replacement for CNV-4K, CNH-4K, CNHK-4K	EA	1
CNM-3M	Replacement for CNT-3M	EA	1

Horizontal Condensate Neutralizer



CNHK-4K

- Suitable for 400,000 BTU/h at 93% Efficiency
- Prevents Acidic Condensate from Corroding Drains and Sewer Systems
- Helps Maintain a Neutral Environment for Bacteria in Septic Systems
- Suitable for Use on All Types of Natural Gas and Propane Appliances
- Includes Initial Charge of Neutralization Media

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CNH-4K	Corrosion Resistant Capsule Two Base/Wall Mounting Clips Two 3" Fill/Access Openings 3/4" NPT Threaded Inlet and Outlet Two 3/4" MNPT to 3/4" FNPT Unions Two 3/4" MNPT to 3/4" FPVC Socket Adapter Neutralization Media	EA	1
CNHK-4K	Corrosion Resistant Capsule Two Base/Wall Mounting Clips Two 3" Fill/Access Openings 3/4" NPT Threaded Inlet and Outlet Two 3/4" MNPT to 3/4" FNPT Unions Three 3/4" NPT to 1/2" Hose Barb Fittings 6 Hose Clamps 10' of Tubing 1/2" Barbed Y Fitting Neutralization Media	EA	1

Neutralization Tank



CNT-3M

- Suitable for 3 Million BTU/h at 93% Efficiency
- Prevents Acidic Condensate from Corroding Drains and Sewer Systems
- Helps Maintain a Neutral Environment for Bacteria in Septic Systems
- Suitable for Use on All Types of Natural Gas and Propane Appliances

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CNT-3M	Neutralization Tank	EA	1

BRAIDED VINYL TUBING

Braided Clear Vinyl Tubing

Braided clear vinyl offers better strength and sealing than regular clear vinyl tubing and is very kink-resistant.



7-14B

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-14B	1/4" ID Braided Clear Vinyl Tubing - 100' Section	EA	1
7-38B	3/8" ID Braided Clear Vinyl Tubing - 100' Section	EA	1
7-12B	1/2" ID Braided Clear Vinyl Tubing - 100' Section	EA	1
7-58B	5/8" ID Braided Clear Vinyl Tubing - 100' Section	EA	1
7-34B	3/4" ID Braided Clear Vinyl Tubing - 100' Section	EA	1

CLEAR VINYL TUBING

Gorilla Tube® Clear Vinyl Tubing



7-14P

Applications include: air conditioning and refrigeration condensate drains, condensate pump discharge lines, and humidifier overflows.
Several sizes from 1/4" to 1" diameter.
Non-toxic clear vinyl chloride.
Select Gorilla Tube® over standard clear vinyl tube because:

- Extra rigid design resists crimping and kinking due to durometer value of 80 (Shore A) and thicker wall
- Maximum service temperature 140°F (60°C)
- Better performance in cold weather climates.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-14P	1/4", .250" I.D., .360" O.D., .055 wall thickness	EA	1
7-38P	1/4", .375" I.D., .495" O.D., .060 wall thickness	EA	1
7-12P	1/2", .500" I.D., .631" O.D., .066 wall thickness	EA	1
7-58P	5/8", .625" I.D., .771" O.D., .073 wall thickness	EA	1
7-34P	3/4", .750" I.D., .913" O.D., .082 wall thickness	EA	1
7-78P	7/8", .875" I.D., 1.050" O.D., .088 wall thickness	EA	1
7-10P	1", .1.000" I.D., 1.215" O.D., .108 wall thickness	EA	1

Clear Vinyl Tubing

Clear vinyl hose applications include: air conditioning and refrigeration condensate drains, condensate pump discharge lines and humidifier overflows.


7-14

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-316	3/16" ID Clear Vinyl Tubing - 100' Section	EA	1
7-CVMINITUBE	3/16" ID CVMINI - 100' Section	EA	1
7-14	1/4" ID Clear Vinyl Tubing - 100' Section	EA	1
7-38	3/8" ID Clear Vinyl Tubing - 100' Section	EA	1
7-12	1/2" ID Clear Vinyl Tubing - 100' Section	EA	1
7-58	5/8" ID Clear Vinyl Tubing - 100' Section	EA	1
7-34	3/4" ID Clear Vinyl Tubing - 100' Section	EA	1
7-78	7/8" ID Clear Vinyl Tubing - 50' Section	EA	1
7-10	1" ID Clear Vinyl Tubing - 50' Section	EA	1

POLYETHYLENE TUBING

Polyethylene Tubing

F.D.A. approved, flexible, non-toxic tubing. Tasteless and odorless, lightweight, low density. Ideal for drinking water lines, evaporative coolers, and radiant heating.


PE-104

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PE-104	Polyethylene Tubing - 11/64 I.D., 1/4 O.D., 100'	EA	1
PE-012	Polyethylene Tubing - 3/8 I.D., 1/2 O.D., 100'	EA	1
PE-014	Polyethylene Tubing - 1/8 I.D., 1/4 O.D., 100'	EA	1
PE-038	Polyethylene Tubing - 1/4 I.D., 3/8 O.D., 100'	EA	1
PE-058	Polyethylene Tubing - 1/2 I.D., 5/8 O.D., 100'	EA	1

DRAIN TRAPS AND KITS

Waterless Trap

- Prevents Unwanted Air Leakage from Condensate Line
- Will Not Freeze or Dry Out
- Eliminates Sludge Buildup
- For Negative Pressure Applications



WTRAP

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
WTRAP	Waterless Trap	EA	1

Universal Alarm

- Works with Asurity Float and Safety Switches on 24 VAC Control Circuits
- Two Wire Connections for Easy Hook Up
- Low Voltage Alarm



UA-1

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
UA-1	Universal Alarm	EA	1

Drain Trap Kit w/ Cleaning Brush

- Easy Installation and Troubleshooting
- Schedule 40 PVC Fittings
- Cleanout Tee
- Fits 3/4" PVC; 1" Drop



DTK113B

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DTK113B	Drain Trap Kit w/Cleaning Brush	EA	1

Drain Trap Kit w/Safety Overflow Switch

- Cleaning Brush
- CS-1 Safety Switch
- Cross
- Easy Installation and Troubleshooting
- Schedule 40 PVC Fittings
- Cleanout Tee
- Fits 3/4" PVC; 1" Drop



DTK207

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DTK207	Drain Trap Kit w/Safety Overflow Switch	EA	1

ClearVue™ Traps

These traps are made from smooth, clear PVC with no flat spots to restrict flow. With these ClearVue™ traps its easy to see directly into them to detect blockages and prevent problems before they become severe. Ideal for installation in condensate drain lines.



CV-PTRAP



CV-RTRAP

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CV-PTRAP	ClearVue™ 3/4" P trap	EA	25
CV-RTRAP	ClearVue™ 3/4" R trap	EA	25
CV-UTRAP	ClearVue™ 3/4" U trap	EA	100
CV-JTRAP	ClearVue™ 3/4" J trap	EA	100

A/C Easy Tee® & Service Tool

- Quickly Clear Condensate Lines
- Never Cut Condensate Lines Again
- Complies with Code 307.2.5
- ET75 packed in 20 piece counter display
- ST75 packed in 6 piece counter display



ET75



ST75

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ET75	A/C Easy Tee® Cleanout Port	EA	1
ST75	A/C Easy Tee® Cleanout Port	EA	1

Drain Trap Kit

- Easy Installation and Troubleshooting
- Schedule 40 PVC Fittings
- Cleanout Tee
- Fits 3/4" PVC; 1" Drop



DTK113

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DTK113	Drain Trap Kit	EA	1

Drain Trap Kit w/Safety Overflow Switch

- Cleaning Brush
- CS-1 Safety Switch
- Easy Installation and Troubleshooting
- Schedule 40 PVC Fittings
- Cleanout Tee
- Fits 3/4" PVC; 3" Drop



DTK205

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DTK205	Drain Trap Kit w/Safety Overflow Switch	EA	1

Drain Trap Kit w/Safety Overflow Switch

- Cleaning Brush
- CS-1 Safety Switch
- Easy Installation and Troubleshooting
- Schedule 40 PVC Fittings
- Cleanout Tee
- Fits 3/4" PVC; 1" Drop



DTK210

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DTK210	Drain Trap Kit w/Safety Overflow Switch	EA	1

Drain Trap Kit w/Safety Overflow Switch

- Cleaning Brush
- CS-2 Safety Switch
- Easy Installation and Troubleshooting
- Schedule 40 PVC Fittings
- Cleanout Tee
- Fits 3/4" PVC; 1" Drop



DTK626

Asurity

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DTK626	Drain Trap Kit w/Safety Overflow Switch	EA	1

DUCTLESS DRAIN LINE TUBING AND FITTINGS

Smooth Drain for Ductless Systems

The Asurity® Smooth Drain Line, 230-DL16-S for ductless systems is a unique non-kinking drain line for mini-split units, with a smooth internal surface. The smooth internal surface minimizes trapped water that can promote biological growth, minimizing the possibility of blockages and foul odor formation. This 16mm diameter drain line is used for mini-split installations. Available in 98 feet lengths.



230-DL16-S

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-DL16-S	Smooth Drain Line - 98' section	EA	1

Mini-Split Condensate Drain Line

A unique drain line for mini-split units. This large diameter drain line is typical for mini-split installations. Furnished in 160 feet lengths with cut marks every 3.28 feet. Accommodates 5/8" and 3/4" connections.



230-DL16

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-DL16	5/8" ID Mini-Split Drain Line - 160' Section	EA	1
230-DL16-20	5/8" ID Mini-Split Drain Line - 20' Section	EA	1

Mini-Split Drain Adapters

Mini-Split fan units — either ceiling cassettes or wall cassettes — typically have a unique (metric) drain line fitting. DiversiTech's adapters convert this metric fitting to standard drain line tubing sizes.



230-DLF16 **230-DLFY**

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-DLFY	Mini-Split Drain Line Y	EA	1
230-DLF16	16mm Mini-Split Drain Line Adapter	EA	1
230-DLF18	18mm Mini-Split Drain Line Adapter	EA	1
230-DLF20	20mm Mini-Split Drain Line Adapter	EA	1
230-DLF25	25mm Mini-Split Drain Line Adapter	EA	1
230-DLF32	32mm Mini-Split Drain Line Adapter	EA	1

ELECTRICAL



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SOFT STARTERS

Central Air Conditioner/Heat Pump Soft Starter



SSH3T

SoftStartHome™ By SoftStartUSA

Air conditioner soft starters help homeowners get better performance from central A/C units - and extend the life of A/C units. SoftStart Home™ reduces the power required to start an air conditioner by 50-70%. By dramatically reducing the high-amperage start up draw, the result is far less stress on the A/C compressor and windings which helps extend the unit's life, as well as providing smoother starts without jarring thumps, flickering lights or tripping circuit breakers. Because the air conditioner uses less power to start, that means the A/C will work with auxiliary power options such as backup generators during an emergency, and with solar-charged batteries without drainig excessive power.

Features

110VAC (90~135VAC) & 220VAC (187~266VAC), 1 phase
Less than 3W power consumption
>100,000 cycles soft start on/off service
Overload protection (3-minute restart interval)
Meets CE, ETL requirements

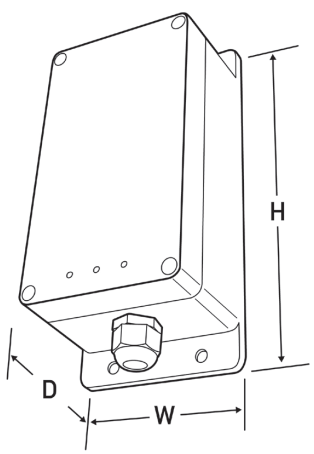
CATALOG NO.	SOFT START-UP TIME	CURRENT CONSUMPTION	WORKING TEMPERATURE	UOM	OM
SSH3T	1±0.5s	48mA	-40°F to 185°F (-40°C to 85°C)	EA	1
SSH6T	1±0.5s	48mA	-40°F to 185°F (-40°C to 85°C)	EA	1

Two options available:

SSH3T – 3-ton (36,000-BTU) residential and commercial central air conditioning units
SSH6T – 6-ton (72,000-BTU) residential and commercial central air conditioning units

Dimensions:

SSH3T – 5-3/4"H x 3"W x 2"D
SSH6T – 8"H x 3-3/4"W x 2-3/4"D



EC MOTORS

Electronically Commutated Direct Drive Motors



46013

EC MAX®

Features

High Efficiency ECM: Up to 80% Efficient
Replaces either PSC or X13 model of equivalent HP
Dual Voltage Design: Replace 115 or 230V with one motor
Wiring harness and simple installation guide included
Rotation Sensing Technology
- Automatically selects rotation upon first start up
45" wiring harness
Easy to install
Internal MOV (Metal Oxide Varistors) surge protector

CATALOG NO.	HP	VOLTS	RPM	AMPS	HERTZ	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	MOTOR TYPE	CORD LENGTH	UOM	OM
46013	1/3	115/230	1075	5.0/3.0	60/50	1/2 x 5	6-3/8	ECM	45"	EA	1
46012	1/2	115/230	1075	6.7/4.0	60/50	1/2 x 5	6-3/8	ECM	45"	EA	1
46034	3/4	115/230	1075	8.2/4.9	60/50	1/2 x 5	7-5/8	ECM	45"	EA	1
46001	1	115/230	1075	11.0/6.7	60/50	1/2 x 5	7-5/8	ECM	45"	EA	1

EC Max is a constant torque motor and does not replace variable speed or programmable motors.

Evergreen EM



6103E

genteq™

Replace 100s of Different OEM X13 ECM Models.

Evergreen EM is designed to replace direct-drive blower motors in residential and light commercial indoor furnaces, air handlers, and package systems that were designed with a standard EC motor, such as an X13 or equivalent competitor model.

Features

Multi-speed, constant torque, brushless DC motor
Available in 1/3, 1/2, 3/4 and 1HP ratings
Automatically determines motor rotation direction
5 discrete speeds using 24VAC (3 using 18VDC)
Operating speed range of 600-1200 rpm
NEMA 48-frame (5.6 inch diameter) Belly Band Mount with 5-inch long ½ inch diameter shaft
UL recognized component

Standard ECM replacement (Does not replace premium ECM constant airflow products such as Eon, 3.0, 2.3, and 2.5)
Maintains ECM-level efficiency up to 80%
Soft Start and Off Ramp for quiet operation
Electronic overload protection

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTATION	DIM A (IN.)	DIM B (IN.)	UOM	OM
6103E	1/3	115	600-1200	4.8	Auto Sensing	10.17	5.25	EA	1
6105E	1/2	115	600-1200	6.8	Auto Sensing	10.67	5.75	EA	1
6107E	3/4	115	600-1200	8.4	Auto Sensing	11.42	6.5	EA	1
6110E	1	115	600-1200	10.9	Auto Sensing	12.17	7.25	EA	1
6210E	1	208/230	600-1200	7.6	Auto Sensing	12.17	7.25	EA	1

EC MOTORS CONT'D

Evergreen IM



6010

genteq™

Energy Savings. Quiet Operation Comfort. Indoor Air Quality.

Evergreen IM is a high-efficiency ECM replacement motor that is designed to replace factory PSC blower motors in HVAC systems including fossil fuels, electric heat, A/C, heat pump, dual fuel and geothermal; does not replace variable speed or X13 EC motors. Evergreen uses up to 25% fewer watts in operating mode and up to 74% fewer Watts than a PSC motor in constant fan.

Features

- Two Motors cover most applications
- Multi-volt 115/230VAC, 50/60 Hertz
- Integrated with HVAC system controls/operation
- Four speed selections for heating and cooling
- Optimized constant fan speed
- 1/2 inch diameter flat shaft
- Auto Sensing rotation
- 5.5 inch diameter
- Automatic overload protection
- Ball bearing
- Open Encl.
- Band mounting
- Continuous duty

CATALOG NO.	HP	VOLTS	RPM	AMPS	DIRECT REPLACEMENT FOR	UOM	OM
6005	1/5, 1/4, 1/3, 1/2	115/230	1070	6.70/4.00	GE 5SME39HXL110	EA	1
6010	1	115/230	1070	11.00/6.70	GE 5SME39SXL111	EA	1

Evergreen® PF EC Motors



6803

Evergreen®

The Evergreen PF is a drop-in replacement or proactive upgrade for pedestal and wall mount fan motors in warehouses, factory floors, amusement parks, institutional buildings and other similar applications. With a rated efficiency of up to 82% and three operating speeds, Evergreen PF makes is easy to provide energy savings and reduce operating noise. It is easy for retrofit as it comes with a power cord, switch and welded mount. The Evergreen PF also includes a pull chain for easy speed selection from 1160/970/650 operating speeds.

CATALOG NO.	HP	VOLT	SPEED	FLA	RPM	SHAFT	UOM	ORDER MULTIPLE
6803	1/3	115	3	5.8	1160/970/650	.5" x 3" (2.5" SF)	EA	1

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

EC MOTORS CONT'D

Evergreen® CM EC Motors

The Evergreen CM is made with the same field-proven, high-efficiency ECM technology that has been used for more than 20 years in new HVAC equipment. It features flexible control methods to help the installer balance airflow in HVAC systems such as VAV (Variable Air Volume) boxes and Packaged HVAC systems. The Evergreen CM is designed as a direct replacement for OEM (Original Equipment Manufacturer) Genteq model X13 (Constant Torque ECM) or as a field replacement for existing PSC (Permanent Split Capacitor) motors.



6707CM

Evergreen®

CATALOG NO.	HP	VOLT	SPEED	FLA	RPM	SHAFT	UOM	ORDER MULTIPLE
6703CM	1/3	208-230/277	5/PWM	2.8	1075	.5"x4" (3.5" SF)	EA	1
6705CM	1/2	208-230/277	5/PWM	4.1	1075	.5"x4" (3.5" SF)	EA	1
6707CM	3/4	208-230/277	5/PWM	6.0	1075	.5"x4" (3.5" SF)	EA	1
6710CM	1	208-230/277	5/PWM	7.6	1075	.5"x4" (3.5" SF)	EA	1
6405CM	1/2	460	5/PWM	2.1	1075	.5"x4" (3.5" SF)	EA	1
6407CM	3/4	460	5/PWM	3.2	1075	.5"x4" (3.5" SF)	EA	1
6410CM	1	460	5/PWM	4.0	1075	.5"x4" (3.5" SF)	EA	1

Evergreen® OM EC Motors

The Evergreen Outdoor Motor, also known as Evergreen OM, is designed for direct-drive fan propeller applications in residential systems up to 5-tons. Easily replaces 6 Pole (1,100 rpm rated) and 8 pole (850 rpm rated) shaded pole or PSC motors.



6905

Evergreen®

CATALOG NO.	HP	VOLT	SPEED	FLA	RPM	SHAFT	UOM	ORDER MULTIPLE
6301	1/5	208-240	2	2.8	850/1100	.5" x 3" (2.5" SF)	EA	1
6303	1/3	208-240	2	3.5	850/1100	.5" x 3" (2.5" SF)	EA	1
6905	1/2	460	2/PWM	2.5	850/1100	.5" x 6" (5.5" SF)	EA	1
6907	3/4	460	2/PWM	3.1	850/1100	.5" x 6" (5.5" SF)	EA	1

EC MOTORS CONT'D

Evergreen® VS Motors & User Interface (UI)

The Evergreen® VS motor and Evergreen VS user interface are designed to replace Genteq® constant airflow (variable speed) ECM indoor blower motors. The Evergreen VS product line offers 4-pin and 16-pin variable speed replacement motor solutions. This line is designed specifically to replace GE® models 2.0 and 2.5, and Genteq models 2.3, 3.0 and Eon® motors.



Evergreen®

Features

Match HP and Voltage ratings
FLA (amperage) and RPM ratings do not need to match
UI (#5K010V) is required for this application and is installed permanently with the motor
(This part is sold individually)

CATALOG NO.	HP	VOLT
6503VUI	1/3	120/240
6505VUI	1/2	120/240
6507VUI	3/4	120/240
6510VUI	1	120/240

Evergreen® EM Constant Torque Motors

The NEW dual voltage Evergreen® EM motor is a drop-in replacement designed to replace OEM constant torque ECM indoor blower motors including Genteq X13 and similar competitor models.



6205X

Evergreen®

CATALOG NO.	HP	VOLT
6203X	1/3	115/208-230
6205X	1/2	115/208-230
6207X	3/4	115/208-230
6210X	1	115/208-230

Evergreen® OM Condenser Fan Motors

The NEW Genteq Evergreen OM motor model #6303S is built with a shorter design and simplified wiring harness so that it can be installed and connected just like a PSC motor. Evergreen® OM motor replaces millions of permanent split capacitor (PSC) motors in outdoor fan applications in air conditioning (A/C) and heat pump HVAC systems.



6303S

Evergreen®

Features

Replace 28 PSC motors with just 1 Evergreen OM ECM
Installs and connects like a PSC motor
Single SKU simplifies inventory and increases likelihood you'll have a replacement motor available

CATALOG NO.	HP	VOLT
6303S	1/3 - 1/12	208-230

EC MOTORS CONT'D

Evergreen VS



6503V

What if... you could replace MILLIONS of OEM variable speed motors with just 6 parts on your truck? The Evergreen® VS motor and Evergreen VS user interface are designed to replace Genteq® constant airflow (variable speed) ECM indoor blower motors. The Evergreen VS product line is designed specifically to replace GE® models 2.0 and 2.5, and Genteq models 2.3, 3.0 and Eon® motors (including models formerly branded GE or GE ECM by Regal Beloit).

Features

Pre-programmed	Truck stock	Reduce time on call using part on truck
Plug-n-play	Two year warranty*	Built by same manufacturer as original motor
Dual voltage	Complete calls same day	Maintains system performance and efficiency
Dual rotation	including after hours calls	

Applications

The Evergreen VS motor is designed for use in the following types of HVAC systems: Furnace, air handler and package units
Fossil fuel, electric strip heat, A/C, heat pump and geothermal units
When replacing 2.0, 2.3 or Eon® motors, Evergreen VS motors can only be used in single stage or two stage HVAC systems
When replacing 2.5 and 3.0 motors, Evergreen VS motors can be used in single stage, multi-stage, modulating and communicating HVAC systems

CATALOG NO.	HP	VOLTS	FLA	RPM	SHAFT (IN.)	ROTATION	DIM A (IN.)	DIM B (IN.)	UOM	OM
6503V	1/3	120/240	5.0/2.8	1050	0.5 x 5	Dual	10.71	5.71	EA	1

*This warranty shall expire twenty-four (24) months from first use of the Product or thirty (30) months from date of shipment of the Product, whichever occurs first. Except as stated here, Regal standard limited warranty applies. See Terms and Conditions of Sale.

EVERGREEN VS USER INTERFACE	UOM	OM
5K010V	EA	1

The Evergreen® VS motor and Evergreen VS user interface are designed to replace Genteq® constant airflow (variable speed) ECM indoor blower motors. The Evergreen VS product line is designed specifically to replace GE® models 2.0 and 2.5, and Genteq models 2.3, 3.0 and Eon® motors (including models formerly branded GE or GE ECM by Regal Beloit).



5K010V

3.3" DIAMETER MOTORS

3.3 Inch Diam. Electronically Commutated Motors



35101

morrillmotors®

Applications

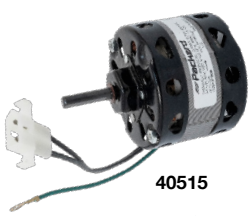
Commercial refrigeration walk-in coolers and freezers, air-moving applications demanding high efficiency and dependability

Features

Commercial refrigeration walk-in coolers and freezers, air-moving applications demanding high efficiency and dependability
Efficiencies up to three times higher than shaded pole motors and 40% higher than PSC
Ball bearing with low temperature grease
Standard thru-bolt configuration
All angle mount
Totally enclosed, air over
Rotation viewed opposite shaft end (OSE)
Water Slinger
Automatic overload
50/60 Hertz
Single phase
Single speed

CATALOG NO.	HP	VOLTS	RPM	AMPS	OSE ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
Arktic 59 Model												
35100	1/15	115	1550	1.30	CW	5/16 x 2-5/8	4-1/8	Totally Enclosed	Front or Rear Thru-Bolt	Larkin 253-1194	EA	1
35101	1/15	115	1550	1.30	CCW	5/16 x 2-5/8	4-1/8	Totally Enclosed	Front or Rear Thru-Bolt	Bohn 5008S	EA	1
35201	1/15	208-230	1550	0.80	CCW	5/16 x 2-5/8	4-1/8	Totally Enclosed	Front or Rear Thru-Bolt	Bohn 5008T	EA	1

Packard 3.3 Inch Diam. Motors - Open Enclosure



40515

Packard

Features

Shaded pole
Automatic overload
Open Encl.
60 Hertz
Single phase
Rotation is determined by viewing the shaft end

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	MOUNTING	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
Single Shaft														
40030	1/25	115	1550	1.70	1	CW	5/16 x 2-1/2	2-11/16	Sleeve	Stud	UE 30		EA	1
40031	1/25	115	1550	1.70	1	CCW	5/16 x 2-1/2	2-3/4	Sleeve	Stud	UE 31		EA	1
40514	1/30	115	1550	1.30	1	CW	5/16 x 2-3/8	2-5/8	Sleeve	Stud	Emerson 9628, UE 28	329	EA	1
40515	1/30	115	1550	1.30	1	CCW	5/16 x 2-3/8	2-5/8	Sleeve	Stud	UE 29	329	EA	1
40126	1/40	115	1550	1.10	1	CWSE	5/16 x 2-1/4	2-7/16	Sleeve	Stud	UE 26	329	EA	1
40127	1/40	115	1500	1.10	1	CCW	5/16 x 2-1/4	2-7/16	Sleeve	Stud	Trane MOT-6227, UE 27	329	EA	1
40752	1/40	120	1500	1.30	1	CCW	1/4 x 1-7/16	2-1/8	Sleeve	Stud	Broan 97009752, Broan 99080096 Broan 99080345, UE 632	512 482	EA	1

Notes: **329.** Motor has 4 studs on both ends **482.** Two prong plug and cord attached **512.** With cord and 2 prong 90 degree plug **513.** Special plug and cord attached

3.3" DIAMETER MOTORS CONT'D

Packard 3.3 Inch Diam. Motors - Open Enclosure



50583

Features

Automatic overload
Open Encl.
Shaded pole
60 Hertz
Single phase
Rotation is determined by viewing the shaft end

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	MOUNTING	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
50933	1/50	120	1550	0.95	1	CCW	1/4 x 1	2-1/4	Sleeve	Stud	Nutone 86933 Nutone 86933000 Universal JA2B104N	482	EA	1
50583	1/100	120	1550	0.55	1	CCW	5/16 x 1-3/4	2-9/16	Sleeve	1-1/8" Hex Hubs	Broan 97008583	45 513	EA	1
40120	1/70	115	1550	0.70	1	CW	1/4 x 2-1/4	2-1/16	Sleeve	Stud	Emerson 9621, UE 14	329	EA	1
40121	1/70	115	1550	0.70	1	CCW	1/4 x 2 1/4	2-1/16	Sleeve	Stud	Trane MOT-6225, UE 15	329	EA	1
50073	1/70	115	1320	0.85	1	CW	1/4 x 1-1/8	2-1/4	Sleeve	1-1/8" Hex Hubs	Nutone C65073	41 482	EA	1

Notes: **41.** 1-1/8" Hubs **45.** Impedence Protected **329.** Motor has 4 studs on both ends **431.** Mechanically Reversible
482. Two prong plugs and cord attached **513.** Special plug and cord attached

Visit DiversiTech.com for full offering.

Packard 3.3 Inch Diam. Motors



65300

Features

Shaded Pole
Sleeve Bearing
Includes 2 Prong Plug & Cord
Stud Mount
60 HZ

CATALOG NO.	VOLTAGE	RPM	AMPS	SHAFT DIM (IN.)	ROTATION	DIRECT REPLACEMENT FOR	UOM	OM
65200	120	1500	0.63	1/4 x 1-1/4	CWSE	Nutone 86322000	EA	1
65300	120	1630	0.73	1/4 x 1-1/4	CWSE	Nutone 86323000	EA	1

3.3" DIAMETER MOTORS CONT'D

Packard 3.3 Inch Diam. Motors - Totally Enclosed



40124

Packard

Applications

Ideal replacement for many range hoods

Features

Shaded pole
Totally enclosed
Stud mounting
Automatic overload
Single phase
60 Hertz
Rotation is determined by viewing the shaft end

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNTING	NOTES	UOM	OM
40122	1/80	115	1550	0.65	1	CW	1/4 x 2-1/4	2-1/16	Sleeve	Stud	329	EA	1
40123	1/80	115	1550	0.65	1	CCW	1/4 x 2-1/4	2-1/16	Sleeve	Stud	329	EA	1
50500	1/70	115	3000	0.85	1	CCW	1/4 x 1	2-3/8	Sleeve	Stud	—	EA	1
41402	1/60	115	3000	0.80	1	CW	1/4 x 1-3/4	2-3/8	Sleeve	Stud	—	EA	1
40124	1/50	115	1500	0.88	1	CW	1/4 x 2-1/4	2-3/8	Sleeve	Stud	329	EA	1
40125	1/50	115	1550	0.80	1	CCW	1/4 x 2-1/4	2-3/8	Sleeve	Stud	329	EA	1

Notes: **329.** Motor has 4 studs on both ends **431.** Mechanically Reversible

Bracket Adapter Kit



EUBKT01

ELCO®

Features

This kit allows mounting “American style” ELCO motors (NU Series) on “European style” U-type or V-type brackets

CATALOG NO.	CONTAINS	UOM	OM
EUBKT01	Plastic Bracket, M4x16 Screw (4 pcs.), Serrated M4 Hex nut (6 pcs.)	EA	1

3.3" DIAMETER MOTORS CONT'D

Fasco 3.3 Inch Diam. Motors - Open Encl.



D210

Features

Shaded pole
Automatic overload
Single phase
Open Shaft End and Lead End End-Frame, Enclosed Shell, Air Over
60 Hertz
Rotation is determined by viewing the shaft end
4 studs on each end
Class B Insulation, 40°C Ambient
Thermally Protected
12" Leads

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNTING	UOM	OM
D206	1/30	115	3000	1.20	CW	1/4 x 2-1/4	2-3/4	Sleeve	Stud	EA	1
D210	1/25	115	3000	1.30	CW	1/4 x 2-1/4	3-1/4	Sleeve	Stud	EA	1
D188	1/20	230	1500	0.90	CW	5/16 x 2-1/4	2-7/8	Sleeve	Stud	EA	1
D189	1/20	230	1500	0.90	CCW	5/16 x 2-1/4	2-7/8	Sleeve	Stud	EA	1
D133	1/20	115	1500	1.80	CCW	5/16 x 2-1/4	2-3/4	Sleeve	Stud	EA	1
D132	1/20	115	1500	1.80	CW	5/16 x 2-1/4	2-3/4	Sleeve	Stud	EA	1

Fasco 3.3 Inch Diam. Motors - Open Encl.



D211

Features

Shaded pole
Automatic overload
Single phase
Open Shaft End and Lead End End-Frame, Enclosed Shell, Air Over
60 Hertz
Rotation is determined by viewing the shaft end
4 studs on each end
Class B Insulation, 40°C Ambient
Thermally Protected
12" Leads

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BRG	MOUNTING	NOTES	UOM	OM
Double Shaft												
D128	1/40-1/50-1/80	115	1500	1.30-0.90-0.60	DS	4 x 5/16 x 4	2-1/2	Sleeve	Stud	**	EA	1
D213	1/15	115	3000	2.10	DS	2-3/4 x 1/4 x 2-3/4	3-7/8	Sleeve	Stud	—	EA	1
D211	1/15	230	3000	1.10	DS	2-1/2 x 1/4 x 2-1/2	3-7/8	Sleeve	Stud	—	EA	1

Fasco 3.3 Inch Diam. Motors - Totally Enclosed



D123

Features

Shaded Pole
Totally Enclosed
12" Leads
Automatic Overload
Class B Insulation, 40°C Ambient
Single Phase
Rotation is determined by viewing the shaft end
60 HZ

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIMENSION (IN.)	LENGTH LEVS SHAFT (IN.)	BEARINGS	MOUNTING	UOM	OM
D122	1/80	115	1500	0.60	1	CW	1/4 x 2-1/4	2-1/8	Sleeve	Stud	EA	1
D123	1/80	115	1500	0.60	1	CCW	1/4 x 2-1/4	2-1/8	Sleeve	Stud	EA	1
D124	1/50	115	1500	0.75	1	CW	1/4 x 2-1/4	2-1/2	Sleeve	Stud	EA	1
D214	1/20	115/230	3000	1.70-0.80	1	CW	5/16 x 6-1/2	4-5/8	Sleeve	Stud	EA	1

3.3" DIAMETER MOTORS CONT'D

Fasco 3.3 Inch Diam. Motors - Open Encl.

Features

Shaded pole
Automatic overload
Open Encl.
60 Hertz

Single phase
Rotation is determined by viewing the shaft end
4 studs on each end



D126

FASCO

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNTING	NOTES	UOM	OM
Fasco - Single Shaft												
D202	1/85	115	3000	0.62	CW	1/4 x 2-1/4	2-3/8	Sleeve	Stud	496	EA	1
D120	1/70	115	1500	0.70	CW	1/4 x 2-1/4	2-1/8	Sleeve	Stud	496	EA	1
D121	1/70	115	1500	0.70	CCW	1/4 x 2-1/4	2-1/8	Sleeve	Stud	496	EA	1
D126	1/40	115	1500	1.10	CW	5/16 x 2-1/4	2-1/2	Sleeve	Stud	496	EA	1
D127	1/40	115	1500	1.00	CCW	5/16 x 2-1/4	2-1/2	Sleeve	Stud	496	EA	1
D131	1/40	115	1500	1.00	CCW	5/16 x 2-1/4	3-1/3	Sleeve	Stud	496	EA	1
D203	1/40	115	3000	1.00	CCW	1/4 x 2-1/4	2-3/4	Sleeve	Stud	496	EA	1

Fasco 3.3 Inch Diam. Motors - Open Encl.

Features

Shaded pole
Automatic overload
Open Encl.
60 Hertz

Single phase
Rotation is determined by viewing the shaft end
4 studs on each end



D130

FASCO

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNTING	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
Fasco - Single Shaft													
D130	1/40	115	1500	1.00	CW	5/16 x 4-1/8	3-1/3	Sleeve	Stud	Emerson 3803 Trane MOT-6221	496	EA	1

Notes: **496.** 4 studs on each end

3.3" DIAMETER MOTORS CONT'D

3.3 Inch Diam. - Fan and Blower Duty Nutone Replacements



50381

Packard

Applications

Direct replacements for Nutone and many other popular range hoods

Features

Rotation is determined by viewing the shaft end
Shaded pole
Stud and ring mounting
60 Hertz
Automatic overload

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
52514	1/100	115	1550	0.60	CW	1/4 x 1-1/8	2-1/16	Sleeve	Totally Enclosed	UE 692	42	EA	1
50381	1/75	115	1550	0.7	CCW	1/4 x 1-1/8	2	Sleeve	Totally Enclosed	Nutone 53581	42	EA	1
82694K	1/70	115	3000	1.04	CCW	1/4 x 1	2-3/8	Sleeve	Totally Enclosed	Emerson 2694	42	EA	1
82733	1/50-1/80	115	3000	1.00-0.60	CW	1/4 x 1-1/4	2.59	Sleeve	Totally Enclosed	Nutone C26733	42	EA	1
82621	1/10	115	1550	3.80	CCW	5/16 x 1-1/2	3-5/8	Ball	Open	Nutone 67176 Nutone 32997	—	EA	1

Notes: **42.** Includes cord and plug

Direct Replacement for Krack



41189

Packard

Features

Shaded pole
Totally enclosed
Automatic overload
50/60 Hertz
Rotation is determined by viewing the shaft end
Low Temp Oil

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
41189	1/20	115/ 208-230	1350/1550	1.60/0.80	1	CW	5/16 x 1-5/8	3-1/16	Ball	Lug	Franklin 8254111030 8354110940 Krack 11528 11529 Universal JA2P216N JA2P217N JB2P046N JB2P047N	EA	1

3.3" DIAMETER MOTORS CONT'D

OEM Replacements - 3.3 Inch Diam. Motor



41124B

Packard

Features

Stud mounting
Single speed, single phase
Special Lyall plug and cord included
Open Encl.
Automatic overload
60 Hertz
All copper windings
Low temp oil

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOTOR TYPE	DIRECT REPLACEMENT FOR	UOM	OM
41124B	1/15	120	1550	2.00	CWSE	5/16 x 1-1/8	2-1/16	Ball	Shaded Pole	Keeprite - 1043336 Bohn - 5008S Magnetek - 572	EA	1
41125B	1/12	208-230	1550/1400	0.50	CCWSE	5/16 x 2-5/8	3-5/8	Ball	PSC	Bohn - 25305101 Bohn - 7071061	EA	1
41126B	1/15	208-230	1550	1.10	CWSE	5/16 x 3.05	3.56	Ball	Shaded Pole	Packard - 82507 FASCO - D1126 FASCO - 7163-7216	EA	1
45008SB	1/15	115	1550	1.80	CWSE	5/16 x 3.209	3.17	Ball	Shaded Pole	Mars - 09930 Bohn - 5008S Bohn - 5008SS	EA	1
41101B	1/20	115	1500	1.90	CCWSE	5/16 x 2.26	2.81	Ball	Shaded Pole	Heatcraft 253-1194 Larkin - 253-1194 Magnetek - 574	EA	1
41103B	1/20	208-230	1500	0.93	CCWSE	5/16 x 2.26	3.05	Ball	Shaded Pole	Heatcraft 253-1195 Larkin - 253-1195 Magnetek - 575	EA	1
45008TB	1/15	208-230	1550	1.20-1.00	CWSE	5/16 x 3.09	3.56	Ball	Shaded Pole	Bohn - 5008T Bohn - 5034MS Heatcraft - 5008T	EA	1

Permanent Split Capacitor Replacements for Bohn, Emerson, GE and Heatcraft



9721

FASCO

Features

Permanent split capacitor
Capacitor Required: 4 Mfd-370 Volts (Supplied with Motor)
Multi-Horsepower

Electrically reversible, includes reversing plug
Open Encl.
Single phase
50/60 Hertz

All angle mounting
UL recognized
Low temp oil
Ball bearing

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
9721	1/12	115/208-230	1550	1.10/0.50	5/16 x 3-1/4	3-5/8	Stud	Bohn 25309101 Emerson 9656, 9664 Heatcraft 7071061	EA	1

3.3" DIAMETER MOTORS CONT'D

Permanent Split Capacitor Replacements for Fasco

Features

Packard PSC Motor
Multi-Horsepower
Open Encl.
Single phase
50/60 HZ
All angle mounting
Capacitor mounted on motor
Electrically reversible, includes reversing plug
Low temp oil, UL recognized



49101

Packard

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
49101*	1/12-1/15-1/20	115/208-230	1550/1400	1.10/0.50	5/16 x 3-1/8	3-5/8	Ball	Stud	GE 5KSM59JSK1435 GE 5KSM59LS2262AS Heatcraft 25309101 Heatcraft 7071061 Interlink 25309501S Interlink 25309801S Fasco 9721	EA	1

Notes: *Has all copper windings

Packard 3.3 Inch Diam. Motors - Open Encl.

Features

Shaded pole
Automatic overload
Open Encl.
Single phase
Rotation is determined by viewing the shaft end
60 Hertz



40132

Packard

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BRG	MOUNTING	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
40188	1/20	208-230	1500	0.90	1	CW	5/16 x 2-5/16	2-3/4	Sleeve	Stud	Emerson 9648 Fedders S196-00047-002	329	EA	1
40189	1/20	208-230	1500	0.90	1	CCW	5/16 x 2-5/16	2-3/4	Sleeve	Stud	Emerson 9647	329	EA	1
40132	1/20	115	1550	1.80	1	CW	5/16 x 2-1/4	2-3/4	Sleeve	Stud	Heatcraft/Bohn	329	EA	1
40133	1/20	115	1550	1.80	1	CCW	5/16 x 2-1/4	2-3/4	Sleeve	Stud	Heatcraft/Bohn	329	EA	1

Notes: **329**. Motor has 4 studs on both ends

42 FRAME MOTORS

4.4 Inch Diam. Fan Coil Motors

Features

Sleeve bearings
Automatic overload
Open Encl.
60 Hertz
Shaded pole
Single phase



D337

FASCO

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	MOUNTING	UOM	OM
D236	1/10-1/15-1/25	115	1550	3.50-2.40-1.80	7-1/2 x 1/2 x 7-1/2	3 3/8	Resilient Base	EA	1
D336	1/10-1/15-1/25	115	1550	3.50-2.40-1.80	7-1/2 x 3/8 x 7-1/2	3 1/2	Resilient Rings	EA	1
D337	1/8-1/10-1/12-1/15	115	1550	4.10-2.70-2.30-1.90	7-1/2 x 1/2 x 7-1/2	3 5/8	Resilient Rings	EA	1
D339	1/8-1/12	230	1550	2.00-1.40	6-1/2 x 1/2 x 6-1/2	4 1/8	Resilient Rings	EA	1
D338	1/6-1/10-1/12-1/15	115	1550	5.40-3.20-2.50-2.10	7-1/4 x 1/2 x 7-1/4	4 1/8	Resilient Rings	EA	1

42 Frame Fan Coil Motors - Permanent Split Capacitor

Features

Sleeve bearings
60 Hertz
Single phase
Automatic overload



D291

FASCO

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	MOUNTING	NOTES	UOM	OM
D294	1/10-1/20-1/25-1/35-1/50	115	1050	1.30-1.00-0.70-0.60-0.50	10-3/4 x 3/8 x 10-3/4	3-1/4	Open	Resilient Base	—	EA	1
D291	1/10-1/15-1/25-1/40	115	1050	2.20-1.40-1.00-0.70	10-3/4 x 1/2 x 10-3/4	3-1/4	Open	Resilient Base	514	EA	1
D290	1/10-1/15-1/25-1/40	115	1050	2.20-1.40-1.00-0.70	1/2 x 8-1/2	3-1/4	Open	Resilient Rings	514 517	EA	1

Notes: **514.** 4MFD 370V capacitor included **517.** Electrically reversible

42 FRAME MOTORS CONT'D

5 Inch Diam. Unit Heater Motors



U6520

Features

Shaded Pole
Thermally Protected
40°C Ambient
Sleeve bearings
Totally enclosed
Class B Insulation
Conduit Box
Extended studs shaft end
1/2" Diameter Shaft with Flat

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	CAP. REQ	TYPE	MOUNTING	NOTES	UOM	OM
U6520	1/8	115	1075	2.60	1	Reversible	1/2 x 3	3-7/8	5MFD/ 370V	PSC	Resilient Rings	201, 504	EA	1

Notes: **201.** 3 thru bolts, 4.42 dia. bolt circle **504.** 60" leads **505.** 2.6" shaft height **555.** 3.5" shaft height

5 Inch Diam. Motors For Sterling Motors



90091

Features

42 Frame
60 Hertz
Single phase
Automatic overload

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNTING	UOM	OM
90091	1/10	120	1000	2.60	1	CW	3/8 x 3	2.58	Sleeve	Studs	EA	1
90766	1/20	115	1650	1.90	1	CWSE	5/16 x 3	2.68	Sleeve	Studs	EA	1
90871	1/20	120	1000	1.40	1	CWSE	3/8 x 3-1/2	2.58	Sleeve	Studs	EA	1
90872	1/12	120	1000	2.20	1	CWSE	3/8 x 3-1/2	3.08	Sleeve	Studs	EA	1

5 Inch Diam. Shaded Pole Direct Drive Blower Motors



D143

Features

Shaded pole
1050 RPM
Single phase
60 Hertz
Automatic overload

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	BEARINGS	MOUNTING	UOM	OM
D143	1/30-1/40	115	1050	1.5-1	2	CCWSE	1/2 x 1-5/8	2-1/4	Open	Sleeve	Belly Band	EA	1

42 FRAME MOTORS CONT'D

42 Frame Fan Coil Motors

Features

Sleeve bearings 60 Hertz Single phase Automatic overload



D354

FASCO

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	MOUNTING	NOTES	UOM	OM
D277	1/10-1/12-1/20	277	1050	0.70-0.50-0.40	8-1/2 x 1/2 x 8-1/2	3-7/8	Open	Resilient Rings	514	EA	1
D347	1/8-1/10-1/15-1/20	115	1550	2.30-1.60-1.20-0.70	10-1/2 x 1/2 x 10-1/2	3	Open	Resilient Rings	250, 514	EA	1
D354	1/6-1/10-1/20	115	1050	3.10-1.50-1.10	8-1/2 x 1/2 x 8-1/2	3-7/8	Open	Resilient Rings	514	EA	1
D247	1/6-1/8-1/12	230	1550	1.00-0.70-0.50	8 x 1/2 x 8	3-7/8	Open	Resilient Rings	514	EA	1
D1092	1/3	115	1675	3.4	7-15/16 x 1/2 x 3-1/2	3-1/2	Open	Belly Band	—	EA	1

Notes: **250.** Mounting rings not included **514.** 4MFD/370V capacitor included

42 Frame Fan Coil Motors

Features

Sleeve bearings 60 Hertz Single phase Automatic overload



DB4505

Century®

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	CAP. REQ.	ENCL.	MOUNTING	UOM	OM
DBL6409	1/10-1/15-1/20-1/25-1/30	115	1050	3.50	10-5/16 x 1/2 x 10-5/16	3-3/8	—	Open	Resilient Base	EA	1
DBL4500V1	1/10-1/12-1/15	115	1625	1.30-1.00-0.70	9-5/16 x 1/2 x 9-5/16	3-3/8	5MFD/370V	Open	Resilient Base	EA	1
DB6502V1	1/10-1/15-1/20-1/25	208-230	1075	0.70-0.50-0.40-0.30	9-5/16 x 1/2 x 9-5/16	3-3/8	5MFD/370V	Open	Resilient Base	EA	1
DB4505	1/5-1/10-1/20	230	1500	1.50	9-5/16 x 1/2 x 9-5/16	3-3/8	5MFD/370V	Open	Resilient Base	EA	1

42 FRAME MOTORS CONT'D

Fasco 5 Inch Diam. Direct Drive Blower Motors



D166

Features

Shaded pole or permanent split capacitor
Single phase
Automatic overload
60 Hertz

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	BRG	MOUNTING	NOTES	UOM	OM
D166	1/6-1/9	115	1050	7.20	2	CWSE	1/2 x 3-1/2	3-7/8	Open	Sleeve	Resilient Rings	—	EA	1
D318	1/6-1/8	230	1050	3.10	2	CWSE	1/2 x 3-1/2	4	Open	Sleeve	Stud	9	EA	1
D158	1/5-1/6-1/7	115	1050	6.70	3	CWSE	1/2 x 4-1/8	3-7/8	Open	Sleeve	Resilient Rings	—	EA	1
D356	1/8-1/10-1/12	115	1050	4.70-3.70-3.20	3	CWSE	1/2 x 3-1/2	3-1/8	SP	Sleeve	Stud	—	EA	1

Note: 9. No mounting rings

Fasco 5 Inch Diam. Direct Drive Blower Motors



D150

Features

Permanent Split Capacitor (PSC)
Capacitor Not Supplied with Motor
Thermally Protected
Open Air Over
Class B Insulation, 40°C Ambient
30" Leads
Extended Studs Shaft End, Belly Band

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	CAP. REQUIRED	BRG	MOUNTING	UOM	OM
D151	1/4-1/5-1/6	230	1050	2.00-1.40-1.10	3	Rev.	1/2 x 6	4-1/8	PSC	5MFD/370V	Sleeve	Stud	EA	1
D150	1/4-1/5-1/6	115	1050	4.10-3.20-2.50	3	Rev.	1/2 x 6	4-1/8	PSC	5MFD/370V	Sleeve	Stud	EA	1
D152	1/4-1/5-1/6-1/8	277	1050	1.50-1.10-0.80-0.70	4	Rev.	1/2 x 6	4-1/8	PSC	5MFD/370V	Sleeve	Stud	EA	1

42 FRAME MOTORS CONT'D

5" Blower Motor

Features

Permanent Split Capacitor Motor
Automatic Overload Protection
Continuous Duty
Open Enclosure
Class B Insulation
40C Ambient Temperature



4130

CATALOG NO.	HP	RPM	VOLT	SPEED	AMPS	ROTATION	SHAFT	BEARINGS	UOM	OM
4130	1/4	975	115	3	1.9	CWSE	7" x 12"	Sleeve	EA	1

Includes 12.5 MFD 2-prong capacitor

5" Condenser Fan Motor

Features

Automatic Overload Protection
Continuous Duty Over Air
Enclosed Enclosure



2243

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNTING	UOM	OM
2243	1/10	208-230	1075	.75	1	Reversible	1/2 x 3	–	Ball	Studs	EA	1
2246	1/5	208-230	1075	1.6	1	Reversible	1/2 x 3	–	Ball	Studs	EA	1
2249	1/8	208-230	1075	.09	1	Reversible	1/2 x 3	–	Ball	Studs	EA	1
2250	1/4	208-230	1075	1.7	1	Reversible	1/2 x 3	–	Ball	Studs	EA	1

42 FRAME MOTORS CONT'D

Direct Replacements For Loren Cook's Gemini Motors



90420

Packard

Features

Permanently lubricated sealed sleeve bearings
Open Encl.
Automatic overload
60 Hertz

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	DIA. (IN.)	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
90220	1/114	115	1500	0.75	2	CWSE	3/8 x 2-3/4	2-3/8	Shaded Pole	4.4	Thru Bolt	Gemini Loren Cook 220/240	EA	1
90420	1/23	115	1500	1.50	1	CWSE	3/8 x 2-3/4	2-5/8	Shaded Pole	4.4	Thru Bolt	Gemini Loren Cook 420	EA	1
90320	1/16	115	1550	2.20	2	CWSE	3/8 x 2-1/2	2-5/8	Shaded Pole	4.4	Thru Bolt	Gemini Loren Cook 320/340	EA	1
90520	1/16	115	1200	1.50	1	CWSE	3/8 x 2-1/4	3	PSC Cap Included	5.12	Thru Bolt	Gemini Loren Cook 520	EA	1
90620	1/11	115	1500	4.60	2	CWSE	1/2 x 6-1/4	3	Shaded Pole	4.4	Lug Mount	Gemini Loren Cook 620/640	EA	1
90720	1/4	115	1625	3.90	2	CWSE	1/2 x 6-1/4	3-3/8	PSC Cap Included	5.12	Lug Mount	Gemini Loren Cook 720/740	EA	1

Direct Replacements For Greenheck



90038

Packard

Features

Includes Capacitor
Totally Enclosed
Automatic overload
Stud Mount
60 Hertz

CATALOG NO.	WATT	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	DIA.	ENCL.	MOUNTING	TYPE	DIRECT REPLACEMENT FOR	UOM	OM
90145	—	1/90	115	950	1.15	CWSE	5/16 x 2-5/8	2-3/4	Sleeve	3.3"	OAO	Stud	SP	Greenheck 310145	EA	1
90198	—	1/40	115	1050	1.80	CWSE	5/16 x 2-5/8	3	Sleeve	3.3"	OAO	Stud	SP	Greenheck 310198	EA	1
90318*	—	1/8	115	1550 /1300 /1050	2.60	CCWSE	1/2 x 2-3/4	3-5/8	Ball	—	—	Thru Bolt	PSC Cap Included	Greenheck 308318	EA	1
90153	—	1/4	115	1725	4.60	CCWSE	1/2 x 2-3/4	3-5/8	Ball	5.69"	ODP	Resilient Base	Split Phase	Greenheck 309153	EA	1
90955	5	—	115	700	0.19	CWSE	5/16 x 2-3/4	2-1/2	Ball	3.3"	TEAO	Stud	PSC	Greenheck 314955	EA	1
90038	3	—	115	675	0.15	CWSE	5/16 x 2-3/4	2-1/2	Ball	3.3"	TEAO	Stud	PSC	Greenheck 315038	EA	1

*3 Speeds

42 FRAME MOTORS CONT'D

42 Frame Direct Drive Blower Motors

Features

Shaded Pole	Class B Insulation, 40°C Ambient
Thermally Protected	60 Hertz
Open Air Over	Single Phase



BL6407

Century®

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	TYPE	MOUNTING	NOTES	UOM	OM
BL6410	1/8	115	1050	5.20	1	CWSE	1/2 x 5-1/2	3-3/8	Sleeve	SP	Resilient Rings	187, 201, 205	EA	1
BL6407	1/6	115	1000	7.80	1	CCWLE	1/2 x 3	3-7/8	Sleeve	SP	Resilient Rings	—	EA	1
BL6412	1/6	115	1050	5.50	1	CWSE	1/2 x 3-5/8	3-7/8	Sleeve	SP	Resilient Rings	187, 201, 205	EA	1
9640	1/6	115	1550	6.40	1	CWLE	1/2 x 3-5/16	4	Sleeve	SP	Resilient Base	256	EA	1

42 Frame Direct Drive Blower Motors

Features

Shaded Pole	Class B Insulation, 40°C Ambient
Thermally Protected	60 Hertz
Open Air Over	Single Phase



B6507

Century®

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	TYPE	CAP REQ	MOUNTING	NOTES	UOM	OM
BL6420	1/6-1/9	115	1050	5.60	2	CWSE	1/2 x 4-1/2	3-7/8	Sleeve	SP	—	Resilient Rings	187, 201 205	EA	1
BL6414	1/5-1/8-1/10	115	1050	6.50	3	CWSE	1/2 x 5-1/2	3-7/8	Sleeve	SP	—	Resilient Rings	187, 201 205	EA	1
BL6416	1/5-1/8-1/10-1/15	115	1050	7.10	4	CWSE	1/2 x 2-5/8	3-7/8	Sleeve	SP	—	Resilient Rings	187, 201 205	EA	1
B6507	1/5-1/6-1/10	230	1075	1.3-.9 -.7	3	Rev.	1/2 x 3	3.5	Sleeve	PSC	7.5MFD/ 370V	Resilient Rings	187, 201 205	EA	1

Notes: **187.** Resilient mounting rings included **201.** 3 thru bolts, 4.42 dia. bolt circle **205.** Extended thru bolts, shaft end only

42 FRAME MOTORS CONT'D

Direct Replacements For Broan / Lomanco



69317

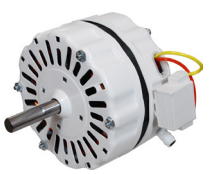
Packard

Features

Open Encl.
Automatic overload
Single phase
Made in the USA
60 Hertz
42 Frame

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
69316	1/12	120	1100	3.40	1	CWSE	1/2 x 3-1/16	2-1/4	SP	Sleeve	Stud	Broan 97009316	EA	1
69317	1/7	120	1100	4.30	1	CWSE	1/2 x 2-5/8	2-5/8	SP	Sleeve	Stud	Broan 97009317 Broan 99080267	EA	1
70059	1/10	120	1100	3.40	1	CWSE	1/2 x 1-5/8	2-1/4	SP	Sleeve	Lug	Lomanco AO510B2497 Lomanco AO416B2059 Lomanco AO510B2389	EA	1

Direct Replacement For L.L. Building Products



99371

Packard

Features

Open Encl.
Single phase
60 Hertz
Direct replacements for Leslie Locke
Automatic overload

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	DIAM. (IN.)	CAPACITOR INCLUDED	DIRECT REPLACEMENT FOR	UOM	OM
99320	1/14	120	900	3.40	1	CWSE	1/2 x 2.05	2.25	SP	5.12	—	V909320	EA	1
99319	1/5	120	1050	3.30	1	CWSE	1/2 x 2.30	3.33	PSC	5.12	10MFD/250V	V909319	EA	1
99321	1/5	120	1050	3.30	1	CWSE	1/2 x 2.30	3.33	PSC	5.12	10MFD/250V	V909321 V909337	EA	1
99371	1/7	120	1050	2.80	1	CWSE	1/2 x 2.30	3.08	PSC	5.12	8MFD/250V	V909371 V909336	EA	1

42 FRAME MOTORS CONT'D

MultiFit® Condenser Fan Motors

Features

All angle mount
Class B insulation
Reversing plug
Totally enclosed
36 inch leads
60°C ambient
Single speed
Multi-mounting system
Double sealed ball bearings
Energy efficient PSC design
One simple connection eliminates the need to select various horsepower or change capacitor sizes
Direct Replacement For hundreds of 1/4 - 1/12 horsepower applications



9722

Century®

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	CAPACITOR REQUIRED	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
9722	1/8 1/10 1/12	208-230	1075 1135 1155	0.90 0.60 0.50	1/2 x 3	4	Ball	5MFD/370V	60	GE 2243 GE 2248 GE 2249 GE 2251	EA	1
9723	1/4 1/5 1/6	208-230	1075 1145 1165	2.00 1.20 1.00	1/2 x 3	4-1/2	Ball	7.5MFD/370V	60	GE 2244 GE 2245 GE 2246 GE 2247 GE 2250	EA	1
9724	1/4,1/5 1/6	208-230	1625 1715 1759	1.60, 1.00 0.70	1/2 x 3	4-1/2	Ball	5MFD/370V	60	—	EA	1

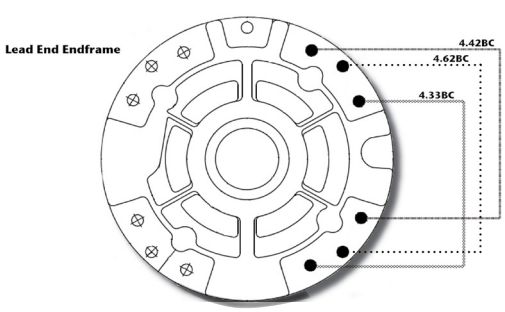
3-in-1 Design

Approximate Speeds and Amps in Application

CATALOG NO. 9722		
HP	Approximate RPMs	Approximate Amps
1/8	1075	0.9
1/10	1135	0.6
1/12	1155	0.5

CATALOG NO. 9723		
HP	Approximate RPMs	Approximate Amps
1/4	1075	2.0
1/5	1145	1.2
1/6	1165	1.0

CATALOG NO. 9724		
HP	Approximate RPMs	Approximate Amps
1/4	1625	1.6
1/5	1715	1.0
1/6	1759	0.7



NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

DIVERSITECH®

48 FRAME MOTORS CONT'D

Permanent Split Capacitor Condenser Fan Motors

Features

Permanent split capacitor
Single speed
Reversible rotation
Totally enclosed
Automatic overload
48 Frame
60 Hertz
Single phase
Rheem Mounting



30825

Packard

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	CAPACITOR REQUIRED	DIRECT REPLACEMENT FOR	UOM	OM
80825	1/8	208-230	825	1.00	1/2 x 6-1/2	3-7/8	Ball	5MFD/370V	Emerson 1872	EA	1
43727B	1/6	208-230	1075	1.0-1.1	1/2 x 6-1/2	3-7/8	Ball	5MFD/370V	Emerson 1859	EA	1
60825	1/6	208-230	825	1.0-1.1	1/2 x 6-1/2	4-1/8	Ball	5MFD/370V	Emerson 1873	EA	1
40825	1/4	208-230	825	1.3-1.4	1/2 x 6-1/2	4-5/8	Ball	5MFD/370V	Emerson 1874	EA	1
43732	1/4	208-230	1075	1.8-2.0	1/2 x 6-1/2	4-1/8	Ball	5MFD/370V	Emerson 1860 & 1876	EA	1
30825	1/3	208-230	825	1.6-1.8	1/2 x 6-1/2	5-1/8	Ball	7.5MFD/370V	Emerson 1875	EA	1
43733	1/3	208-230	1075	2.2-2.5	1/2 x 6-1/2	4-5/8	Ball	7.5MFD/370V	Emerson 1861 & 1877	EA	1
43734	1/2	208-230	1075	3.0-3.5	1/2 x 6-1/2	5-1/8	Ball	10MFD/370V	Emerson 1862 & 1878	EA	1
43735	3/4	208-230	1075	4.6-5.3	1/2 x 6-1/2	5-3/8	Ball	10MFD/370V	Emerson 1868 & 1879	EA	1

Notes: 4 drilled and tapped holes in shell for Rheem applications

Condenser Fan Motors

Features

Permanent Split Capacitor
Requires 4MFD/370V Capacitor
CCW Shaft End
Shaded Pole
UL recognized
Totally enclosed
Automatic overload
Ball Bearing
60 Hertz
Class B Insulation



43405

Packard

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BRG	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
43405	1/6	208-230	1500	0.9	1	CCWSE	1/2 x 1-3/8	4	Ball	Bracket	Emerson 3405 US Motors 3405 Carrier 5KCP39BGR201BS Carrier HC33GE208 GE 5KCP39BGR201BS Century OCA1014	EA	1

48 FRAME MOTORS CONT'D

Permanent Split Capacitor Condenser Fan Motors



D919

Features

Permanent split capacitor
Single speed
Reversible rotation
Totally enclosed
Automatic overload
48 Frame
60 Hertz
Single phase
Rheem Mounting

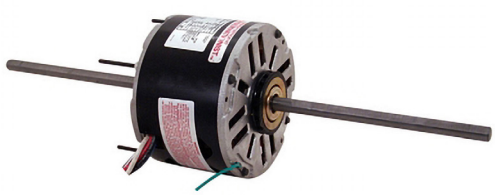
CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	CAPACITOR REQUIRED	NOTES	UOM	OM
Fasco											
D799	1/8	208-230	825	0.90	1/2 x 6	4	Sleeve	5MFD/370V	126, 138, 208, 517	EA	1
D919	1/8	208-230	1075	0.90	1/2 x 6-1/2	3-3/4	Sleeve	5MFD/370V	126, 135, 208, 517	EA	1
D917	1/6	208-230	1075	1.00	1/2 x 6-1/2	3-3/4	Sleeve	5MFD/370V	126, 135, 208, 517	EA	1
D906	1/5	208-230	1075	1.20	1/2 x 6-1/2	4	Sleeve	5MFD/370V	126, 135, 208, 517	EA	1
D934	1/4	208-230	825	1.90	1/2 x 6	4-1/3	Sleeve	5MFD/370V	126, 138, 208, 517	EA	1
D909	1/4	208-230	1075	1.80	1/2 x 6-1/2	4	Sleeve	5MFD/370V	126, 135, 208, 517	EA	1
D7909	1/4	208-230	1075	1.80	1/2 x 6-1/2	4	Ball	5MFD/370V	126, 135, 208, 517	EA	1
D908	1/3	208-230	1075	2.40	1/2 x 6-1/2	4-1/2	Sleeve	7.5MFD/370V	126, 135, 208, 517	EA	1
D7908	1/3	208-230	1075	2.60	1/2 x 6-1/2	4-1/2	Ball	7.5MFD/370V	126, 135, 208, 517	EA	1
D7907	1/2	208-230	1075	3.70	1/2 x 6-1/2	5	Ball	10MFD/370V	135, 208, 517	EA	1

Notes: **126.** 4 drilled and tapped holes in shell for Rheem applications Use rain shield when necessary **135.** All angle mount bearings **138.** All angle mount bearings. **517.** Electrically reversible

5-5/8 Inch Condenser Fan Motors - Double Shaft

Features

Auto Protector
Requires 7.5MFD/370V Capacitor
Continuous Duty
Permanent Split Capacitor
1/2" Dia. 7.64" x1/2" by 7.5" x 1/2" Flatted Shafts
Semi-Enclosed
Energy Efficient
Sleeve Bearing
60 Hertz



RAL1054

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	DIRECT REPLACEMENT FOR	UOM	OM
RAL1054	1/2	115	1625	6.0	3	CCWLE	F48SN4L2	EA	1

Visit DiversiTech.com for full offering.

48 FRAME MOTORS CONT'D

5-5/8 Inch Diam. Multi-Horsepower Condenser Fan Motors



45458B

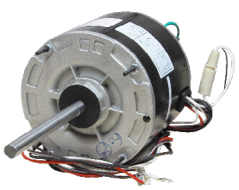
Packard

Features

Permanent split capacitor
UL recognized
Mounts by belly band, thru bolts or Rheem mounting holes with screws
Direct Replacement For Rheem and Hundreds of Other Condenser Motors!
Single speed
Totally enclosed
Single phase
48 Frame
60 Hertz
Ball bearings
Electrically reversible
All angle mounting
Automatic overload

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	CAP. REQUIRED	DIRECT REPLACEMENT FOR	UOM	OM
45488B	1/4-1/5-1/6-1/8	208-230	825	1.8-2.0	1/2 x 6-1/2	4-1/8	Ball	7.5MFD 370V	Emerson 5464 Rheem 51-20760-11 Rheem 51-21276-01 Rheem 51-23054-13 Rheem 51-23055-12	EA	1
45458B	1/3-1/4-1/5-1/6	208-230	1075	1.8-2.0	1/2 x 6-1/2	4-1/8	Ball	7.5MFD 370V	Emerson 5458 Emerson 5462 Rheem 51-20354-11 Rheem 51-20668-11 Rheem 51-23053-11 Rheem 51-23055-11	EA	1

Multi-Horse Power High Temp Condenser Fan Motors



45464F

Vulcan70°C™

Features

Permanent split capacitor
UL recognized
Mounts by belly band, thru bolts or Rheem mounting holes with screws
Totally enclosed
Single Phase
48 Frame
60 Hertz
Electrically reversible
All angle mounting
Automatic overload
70°C ambient

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	UOM	OM
45462F	1/3-1/5	208-230	1075	2.6-1.4	2	Rev	1/2 x 6	4.86	Ball	EA	1
45464F	1/3-1/5	208-230	825	1.9-1.2	2	Rev	1/2 x 6	5.24	Ball	EA	1

Genteq Condenser Fan Motors - Shaft Up



3405HS

genteq™

Applications

Designed for condenser fan and heat pump units requiring vertical shaft up or vertical shaft down positioning with "belly band" or extended clamp screw mounting.

Features

Permanent split capacitor
Standard efficiency designs
Single phase
Designed for 370 Volt capacitor, not included
Mounting holes in shell for capacitor bracket
48 Frame
Water slinger on shaft
26 inch motor leads
Sleeve or ball bearings

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	BEARINGS	CAP. REQUIRED	NOTES	UOM	OM
3405HS	1/3	208-230	825	2.20	1	Reversible	Sleeve	7. 5MFD 370V	—	EA	1

48 FRAME MOTORS CONT'D

Vulcan High Temperature Outdoor Condenser Fan Motors

Features

Class F Insulation
70°C Ambient
Ball bearing
Single speed
Drilled and tapped holes in the shell for Rheem mounting
Reversible
All angle mounting
Extended thru bolts
36" leads
Energy efficient PSC design
UL recognized

68% EFFICIENT!

70° Max Ambient Temp



43727BF

Packard Vulcan70°C™

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BRG	CAPACITOR REQUIRED	DIRECT REPLACEMENT FOR	UOM	OM
60825F	1/6	208-230	825	1.0-1.1	1/2 x 6-1/2	4-1/8	Ball	5MFD/370V	20403, Rheem 51-20760-11 US Motors 1873H	EA	1
40825F	1/4	208-230	825	1.3-1.4	1/2 x 6-1/2	4-5/8	Ball	5MFD/370V	20404, Rheem 51-23054-13 US Motors 1874H	EA	1
30825F	1/3	208-230	825	1.6-1.8	1/2 x 6-1/2	5-1/8	Ball	7.5MFD/370V	20405, Rheem 51-21853-83, US Motors 1875H	EA	1
43727BF	1/6	208-230	1075	1.0-1.1	1/2 x 6-1/2	3-7/8	Ball	5MFD/370V	20727, Rheem 51-21854-17, US Motors 1859H	EA	1
43732F	1/4	208-230	1075	1.8-2.0	1/2 x 6-1/2	4-1/8	Ball	5MFD/370V	20728, Rheem 51-23054-11, US Motors 1860H	EA	1

Vulcan High Temperature Outdoor Multi-Horsepower Condenser Fan Motors

Features

Permanent split capacitor
UL recognized
Mounts by belly band, thru bolts or Rheem mounting holes with screws
Single speed
Direct Replacement For Rheem and Hundreds of Other Condenser Motors
70°C Ambient
Single phase
60 Hertz
Electrically reversible
All angle mounting
Automatic overload
Totally enclosed

70° Max Ambient Temp



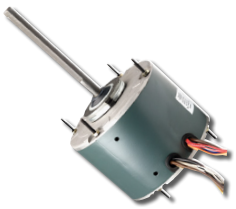
45488BF

Packard Vulcan70°C™

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	FRAME	BRG	CAPACITOR REQUIRED	ROTATION	UOM	OM
45458BF	1/3-1/4-1/5-1/6	208-230	1075	1.8-2.0	1/2 x 6-1/2	4-1/8	48	Ball	7.5MFD 370V	Reversible	EA	1
45488BF	1/4-1/5-1/6-1/8	208-230	825	1.8-2.0	1/2 x 6-1/2	4-1/8	48	Ball	7.5MFD 370V	Reversible	EA	1

48 FRAME MOTORS CONT'D

Wagner® Single Speed Condenser Fan Motors



WG840729

WAGNER MOTORS



BALL BEARINGS NOW STANDARD

Features

- Installs with all Standard 48 Frame Mounting Brackets
- Standard Shaft Length, Diam., and Flats
- Extended Studs
- Drain Holes with Plugs in both end plates
- Automatic Thermal Overload Protector
- 60 HZ
- Low Power Consumption
- 60 C Ambient Design
- Electrically Reversible
- Continuous Air Over
- Class B Insulation
- Quiet Operation
- 30" Leads
- Standard 48 Frame Motor Casing Size

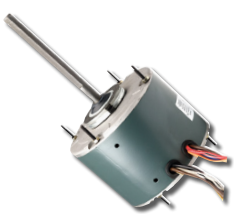
CATALOG NO.	HP	VOLT	SPEED	FLA	UOM	ORDER MULTIPLE
WG840727	1/6	208-230	1075/1	1.3	EA	1
WG840728	1/4	208-230	1075/1	2.2	EA	1
WG840729	1/3	208-230	1075/1	2.8	EA	1
WG840730	1/2	208-230	1075/1	4.2	EA	1
WG840731	3/4	208-230	1075/1	4.5	EA	1
WG840203	1/6	208-230	825/1	1.3	EA	1
WG840204	1/4	208-230	825/1	1.5	EA	1
WG840205	1/3	208-230	825/1	2.2	EA	1

Wagner® Multiple Horsepower Condenser Fan Motors

The Multi-Horsepower motors are specially designed to cover a range of applications. The condenser fan motors range from 1/2 to 1/5; 1/3 to 1/6 both at 1075 rpm; 1/3 to 1/6 at 825rpm. These motors feature reversing plugs, extended thru bolts 36 inch leads and are designed for 370 volt capacitors. Installs with all 48 frame mounting brackets.



BALL BEARINGS NOW STANDARD



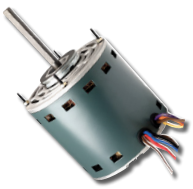
WG840468

WAGNER MOTORS

CATALOG NO.	VOLT	SPEED	(1) HP-FLA	(2) HP-FLA	(3) HP-FLA	(4) HP-FLA	(5) HP-FLA	UOM	ORDER MULTIPLE
WG840458	208-230	1075/1	1/3-2.8	1/4-1.8	1/5-1.7	1/6-1.6	—	EA	1
WG840459	208-230	825/1	1/3-2.1	1/4-1.55	1/5-1.4	1/6-1.34	1/8-1.3	EA	1
WG840465	208-230	1075/2	1/3-2.8	1/4-2.0	1/5-1.7	1/6-1.5	—	EA	1
WG840468	208-230	1075/2	1/2-3.0	1/3-2.5	1/4-2.0	1/5-1.3	—	EA	1
WG840469	208-230	825/2	1/3-2.1	1/4-1.7	1/5-1.5	1/6-1.2	—	EA	1

48 FRAME MOTORS CONT'D

Wagner® Direct Drive Furnace Blower Motors



WG840587

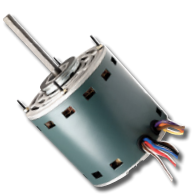
WAGNER MOTORS

Features

Installs with all Standard 48 Frame Mounting Brackets
Standard Shaft Length, Diam., and Flats
Uses 370V Capacitors
Continuous Air Over
Standard 48 Frame Motor Casing Size
2.5" Diam. Hub Rings included
Low Power Consumption
Class B Insulation
Automatic Thermal Overload
Electrically Reversible
Protector
Quiet Operation
Speed: 1075/3
30" Leads
60 HZ

CATALOG NO.	HP	VOLT	SPEED	FLA	UOM	ORDER MULTIPLE
WG840583	1/4	115	1075/3	4.2	EA	1
WG840584	1/4	208-230	1075/3	2.0	EA	1
WG840585	1/3	115	1075/3	5.5	EA	1
WG840586	1/3	208-230	1075/3	2.8	EA	1
WG840587	1/2	115	1075/3	7.5	EA	1
WG840588	1/2	208-230	1075/3	3.6	EA	1
WG840589	3/4	115	1075/3	10.2	EA	1
WG840590	3/4	208-230	1075/3	5.5	EA	1
WG840595	1	115	1075/3	12.6	EA	1
WG840596	1	208-230	1075/3	5.59	EA	1

Wagner® Multiple Horsepower Direct Drive Furnace Blower Motors



WG840464

WAGNER MOTORS

The Multi-Horsepower motors are specially designed to cover a range of applications. The direct drive furnace blower motors range from 1⁄2 to 1/6 in both 115 and 230 volts and 3⁄4 to 1/5 in both 115 and 230 volts all at 1075rpm. These motors feature reversing plugs, extended thru bolts 36 inch leads and are designed for 370 volt capacitors. Installs with all 48 frame mounting brackets.

CATALOG NO.	VOLT	SPEED	(1) HP-FLA	(2) HP-FLA	(3) HP-FLA	(4) HP-FLA	(5) HP-FLA	UOM	ORDER MULTIPLE
WG840463	115	1075/4	1/2-7.0	1/3-6.7	1/4-4.4	1/5-3.2	1/6-2.4	EA	1
WG840464	208-230	1075/4	1/2-3.9	1/3-3.6	1/4-2.5	1/5-1.8	1/6-1.3	EA	1
WG840466	115	1075/4	3/4-8.1	1/2-6.6	1/3-4.6	1/4-3.8	1/5-3.1	EA	1
WG840467	208-230	1075/4	3/4-3.8	1/2-3.7	1/3-2.5	1/4-1.8	1/5-1.7	EA	1

48 FRAME MOTORS CONT'D

4-in-1® HeatMaster® Fan Motors (Deluxe Models) - 70ºC Ambient

Features

Energy-efficient PSC design
Reversing connectors
Water-resistant reversing plug
Double sealed ball bearings or dependable all-angle sleeve bearings
Mounts by belly band, adjustable extended thru-bolts or Rheem mounting holes with supplied screws
All-angle mount
Lead length 36 inch to 48 inch
Single speed
Totally enclosed
Continuous duty, air over
UL recognized
48 Frame
Class F insulation
60 Hertz
70ºC ambient
High-temperature UL approved overload protector



ORM5489BF

Century®

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	CAPACITOR REQUIRED	DIRECT REPLACEMENT FOR	UOM	OM
ORM5489BF	1/2-1/5	208-230	825	2.50	1/2 x 6-1/2	5-5/8	Ball	10MFD/370V	—	EA	1

HeatMaster® 4-in-1® and HeatMaster® Ultra Multi-horsepower Replacement Motors - 80ºC Ambient

NEW 80º Ambient

68% EFFICIENT!

Features

80ºC (176ºF) max ambient
Double sealed ball bearings with high temperature synthetic grease
Energy-efficient PSC design
Mounts by belly band, adjustable extended thru-bolts, or Rheem/Trane mounting holes, with screws supplied
Works with Johnson Controls Speed controls
Reversible rotation



FEH1026SU

Century®

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	CAPACITOR REQUIRED	UOM	OM
Century HeatMaster® Ultra											
FEH1026SU	1/4	460	1075	0.9	1/2 x 6-1/2	4.74	PSC	Double Sealed Ball	7.5MFD/370V	EA	1
FEH1036SU	1/3	460	1075	1.2	1/2 x 6-1/2	5.24	PSC	Double Sealed Ball	7.5MFD/370V	EA	1
FEH1056SU	1/2	460	1075	1.5	1/2 x 6-1/2	5.61	PSC	Double Sealed Ball	10MFD/370V	EA	1

48 FRAME MOTORS CONT'D

HeatMaster® Condenser Fan Motor



FE1026SF

Features

70°C (158°F) max ambient
UL recognized Class F insulation
High-temperature UL recognized overload protector
Energy-efficient PSC design
All-angle mount
Mounts by belly band, adjustable extended thru-bolts, or Rheem mounting holes, with screws supplied
Lead length 26 to 48 inch
Water-resistant reversing plug
Double sealed ball bearing, or dependable all-angle sleeve bearings
60 Hertz
48 Frame
Class F insulation
Totally enclosed
Single speed
Continuous duty, air over
UL recognized

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	CAPACITOR REQUIRED	DIRECT REPLACEMENT FOR	UOM	OM
Ball Bearing - 1075 RPM												
FE1026SF	1/4	208-230	1075	2.00	Reversible	1/2 x 6-1/2	4-3/8	Ball	5MFD/370V	Emerson 1876, GE 3732	EA	1

4-in-1® Fan Motors (Economy Models) - 60°C Ambient



ORM5488B

Features

Class B insulation
Energy-efficient PSC design
Reversing connectors
Durable ball bearings or dependable all-angle sleeve bearings
Mounts by belly band, adjustable extended thru-bolts or Rheem mounting holes with supplied screws
All-angle mount
Lead length 36 inch to 48 inch
Single speed
Totally enclosed
Continuous duty, air over
UL recognized
48 Frame
60 Hertz
60°C ambient

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	CAPACITOR REQUIRED	DIRECT REPLACEMENT FOR	UOM	OM
ORM5488B	1/3-1/8	208-230	825	2.10	1/2 x 6-1/2	4-7/8	Ball	7.5MFD/370V	Rheem 51-20761-11	EA	1

48 FRAME MOTORS CONT'D

5-5/8 Inch Diam. Direct Drive Blower Motors



43583

Features

Permanent split capacitor
Continuous air over
2 1/2 inch mounting rings
Class B insulation
40°C ambient
Electrically reversible
Open Encl.
Automatic overload
48 Frame
60 Hertz
Single phase
3 Speeds

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	CAPACITOR REQUIRED	DIRECT REPLACEMENT FOR	UOM	OM
43581	1/6	115	1075	2.50	1/2 x 5-1/2	4	Sleeve	5MFD/370V	GE 3581 Emerson 8891	EA	1
43582	1/6	208-230	1075	1.40	1/2 x 7	4	Sleeve	5MFD/370V	GE 3582 Emerson 8896	EA	1
43583	1/4	115	1075	4.40	1/2 x 4-1/2	4	Sleeve	5MFD/370V	GE 3583 Emerson 1863	EA	1
43584	1/4	208-230	1075	1.70	1/2 x 4-1/2	4	Sleeve	5MFD/370V	GE 3584 Emerson 1971	EA	1
43585	1/3	115	1075	6.00	1/2 x 4-1/2	4-1/4	Sleeve	5MFD/370V	GE 3585 Emerson 1864	EA	1
43586	1/3	208-230	1075	2.60	1/2 x 4-1/2	4-1/4	Sleeve	5MFD/370V	GE 3586 Emerson 1972	EA	1
43587	1/2	115	1075	7.80	1/2 x 4-1/2	5-1/8	Sleeve	5MFD/370V	GE 3587 Emerson 1865	EA	1
43588	1/2	208-230	1075	3.60	1/2 x 4-1/2	5-1/8	Sleeve	5MFD/370V	GE 3588 Emerson 1973	EA	1
43589	3/4	115	1075	10.50	1/2 x 4-1/2	5-1/8	Sleeve	15MFD/370V	GE 3589 Emerson 8904	EA	1
43590	3/4	208-230	1075	4.60	1/2 x 4-1/2	5-1/8	Sleeve	10MFD/370V	GE 3590 Emerson 8905	EA	1
43596	1	115	1075	9.70	1/2 x 6-1/2	5-7/8	Ball	20MFD/370V	GE 3595 Emerson 8906	EA	1

1/5 HP 1050 RPM/3 Speed 115 Volt Motor & Torsion Flex Bracket



48937K

Features

Direct Replacement For Lennox 89C3701PR
Kit includes Motor & Torsion Flex Bracket
Automatic Overload
Shaded Pole
CW Shaft End
42 Frame
60 Hz

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
48937K	1/5	115	1050	6.50	3	CCWLE	5-1/2 x 1/2	5	SP	Sleeve	Lennox 89C37 Lennox 89C3701PR	EA	1

48 FRAME MOTORS CONT'D

Packard 1625 RPM Motors



43993

Packard

Features

48 Frame / 5.6" Diam.
Direct Drive Fan & Blower
Permanent Split Capacitor
Ball Bearing
Hub Ring Mount (2.5")
Open Encl.
3-Speed
Single Phase
Stud Mounting
Reversible Motor Rotation
60 Hertz

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	CAPACITOR REQUIRED	DIRECT REPLACEMENT FOR	UOM	OM
43992	1/4	115	1625	2.90	1/2 x 4-1/2	4-3/16	7.5MFD/370V	1690, 5KCP39FGE211S	EA	1
43993	1/4	208-230	1625	1.50	1/2 x 4-1/2	4-3/16	7.5MFD/370V	1691, 5KCP39FGE212S	EA	1
43994	1/3	115	1625	3.70	1/2 x 4-1/2	4-5/8	10MFD/370V	1692, 5KCP39HGE213S	EA	1
43995	1/3	208-230	1625	1.80	1/2 x 4-1/2	4-5/8	7.5MFD/370V	1693, 5KCP39HGE214S	EA	1
43996	1/2	115	1625	5.20	1/2 x 4-1/2	4-7/8	15MFD/370v	1694, 5KCP39MGE215S	EA	1
43997	1/2	208-230	1625	2.40	1/2 x 4-1/2	4-7/8	7.5MFD/370V	1695, 5KCP39LGE216S	EA	1
43998	3/4	115	1625	8.00	1/2 x 4-1/2	5-7/16	15MFD/370V	1696, 5KCP39PGE415S	EA	1
43999	3/4	208-230	1625	4.00	1/2 x 4-1/2	5-7/16	10MFD/370V	1697, 5KCP39PGE416S	EA	1

5-5/8 Inch Diam. Multi-Horsepower Direct Drive Blower Motors



45461

Packard

Features

Permanent split capacitor
Multiple capacitor/speed combinations
Continuous duty, air over
Mounting rings, thru bolts and holes in shell
Class B insulation
Reversible rotation
Automatic overload
48 Frame
60 Hertz
Single phase
5 Speed

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
45460	1/2-1/3-1/4-1/5-1/6	115	1075	5.80-5.10-3.50-3.20-2.20	Rev	PSC	Sleeve	Open	Emerson 5460 Rheem 51-23012-41	EA	1
45461	1/2-1/3-1/4-1/5-1/6	208-230	1075	2.90-2.50-1.80-1.40-1.30	Rev	PSC	Sleeve	Open	Emerson 5461 Rheem 51-23022-41	EA	1
45470	3/4-1/2-1/3-1/4-1/5	115	1075	9.10-6.50-5.50-4.00-2.30	Rev	PSC	Sleeve	Open	Emerson 5470 Rheem 51-23017-41	EA	1
45471	3/4-1/2-1/3-1/4-1/5	208-230	1075	4.60-3.30-3.40-2.30-1.70	Rev	PSC	Sleeve	Open	Emerson 5471 Rheem 51-21898-01	EA	1

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48 FRAME MOTORS CONT'D

Fan & Blower Motor



FD6001A

Features

Permanent Split Capacitor (PSC);
Capacitor Required: 10 Mfd-370 Volts
(Not Supplied with Motor)
Thermally Protected
Open Air Over
Class B Insulation, 40°C Ambient

1/2" Diam. Shaft with Flat
36" Leads with Quick Connect Terminals
Extended Studs Shaft End, Resilient Ring Mounting,
Mounting Holes in Shell, Belly Band
Sleeve Bearing

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTATION	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
FDL6001A	1/2, 1/3, 1/4, 1/5, 1/6	115	1075	7.00, 6.70, 4.40, 3.20, 2.40	Reversible	PSC	Sleeve	Open	Emerson 5460 Rheem 51-23012-41	EA	1
FD6000A	1/2, 1/3, 1/4, 1/5, 1/6	208-230	1075	3.90, 3.60, 2.50, 1.80, 1.30	Reversible	PSC	Sleeve	Open	Emerson 5461 Rheem 51-23022-41	EA	1
FDL6002A	3/4, 1/2, 1/3, 1/4, 1/5	115	1075	9.10, 6.60, 5.50, 3.00, 2.30	Reversible	PSC	Ball	Open	Emerson 5470	EA	1
FD6001A	3/4, 1/2, 1/3, 1/4, 1/5	208-230	1075	3.90, 3.60, 3.00, 2.30, 2.00	Reversible	PSC	Ball	Open	Emerson 5471	EA	1

HeatMaster® Fan Canopy



FC1086F

Features

70°C (158°F) max ambient
UL recognized Class F insulation
Energy-efficient PSC and three phase designs
Patented fan canopy
Vertical shaft up only
Double sealed ball bearing

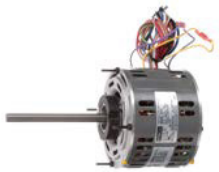
Open, air over
Reversible
60 Hertz
Totally enclosed
Single speed
48 Frame
UL recognized

CATALOG NO.	HP	VOLTS	RPM	AMPS @ 230V	AMPS @ 460V	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	CAPACITOR REQUIRED	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
Single Phase													
FC1086F	0.8	200-230/460	1075	4.60	2.30	Rev	1/2" Flat x 3-9/16	8-13/16	20MFD/370V	GE 03197	352, 511	EA	1
FC1106F	1	200-230/460	1075	6.40	3.20	Rev	5/8" Flat & Key x 4-1/16	9-9/16	25MFD/370V	GE 03199	403, 511	EA	1
Three Phase													
FC3106F	1	200-230/460	1140	5.60	2.80	Rev	5/8" Flat & Key x 4-1/16	9-9/16	—	—	—	EA	1

Notes: **352.** Includes 5/8" adapter and key **403.** All 1 HP and 1-1/2 HP Motor supplied with conversion kit allowing motor to be used in most 56 frame applications **511.** Suitable for use with some solid state speed control devices

48 FRAME MOTORS CONT'D

5-5/8 Inch Diam. Direct Drive Blower Motors



D727

FASCO

Features

Permanent split capacitor
Continuous air over
2-1/2 inch mounting rings

Class B insulation
40°C ambient
Electrically reversible

Open Encl.
Automatic overload
48 Frame

60 Hertz
Single phase
3 Speeds

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM.(IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	CAPACITOR REQ.	NOTES	UOM	OM
D721	1/4-1/5-1/6	115	1075	4.80	1/2 x 6	4	Sleeve	15MFD/370V	138, 148	EA	1
D725	1/4-1/6-1/8	208/230	1075	2.20	1/2 x 6	4	Sleeve	15MFD/370V	138, 148	EA	1
D727	1/3-1/4-1/5	115	1075	5.90	1/2 x 6	4-1/4	Sleeve	5MFD/370V	138, 148	EA	1
D701	1/2-1/3-1/4-1/5	115	1075	7.70	1/2 x 5-1/2	5-1/4	Sleeve	10MFD/370V	138, 148	EA	1
D703	1/2-1/3-1/4	208-230	1075	4.00	1/2 x 6	5	Sleeve	7.5MFD/370V	138, 148	EA	1
D728	3/4-1/2-1/3	115	1075	10.50	1/2 x 6	5-1/2	Sleeve	10MFD/370V	138, 148	EA	1
D729	3/4-1/2-1/3	208-230	1075	5.40	1/2 x 6	5-1/2	Sleeve	10MFD/370V	138, 148	EA	1

5-5/8 Inch Diam. Torsion Flex Direct Drive Blower Motors



43783

Packard

Features

Permanent split capacitor
Continuous air over
Energy efficient

Electrically reversible
Automatic overload
Open Encl.

Single phase
48 Frame
60 Hertz

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	CAPACITOR REQUIRED	DIRECT REPLACEMENT FOR	UOM	OM
43782	1/6	115	1075	2.50	3	Rev	1/2 x 5	4	PSC	Sleeve	5MFD/370V	3782	EA	1
43783	1/4	115	1075	3.60	4	Rev	1/2 x 6	4	PSC	Sleeve	5MFD/370V	3783	EA	1
43784	1/4	208-230	1075	1.80-2.00	4	Rev	1/2 x 6	4	PSC	Sleeve	5MFD/370V	3784	EA	1
43785	1/3	115	1075	4.80	4	Rev	1/2 x 6	4-1/4	PSC	Sleeve	10MFD/370V	3785, 9377	EA	1
43786	1/3	208-230	1075	2.30-2.60	4	Rev	1/2 x 6	4-1/4	PSC	Sleeve	10MFD/370V	3786	EA	1
43787	1/2	115	1075	8.00	4	Rev	1/2 x 6	4-7/8	PSC	Sleeve	10MFD/370V	3787	EA	1
43788	1/2	208-230	1075	3.30-4.00	4	Rev	1/2 x 6	4-7/8	PSC	Sleeve	10MFD/370V	3788	EA	1
43789	3/4	115	1075	9.00	3	Rev	1/2 x 5	5.41	PSC	Sleeve	15MFD/370V	3789	EA	1
43790	3/4	208-230	1075	4.50	3	Rev	1/2 x 5	5.41	PSC	Sleeve	10MFD/370V	3790	EA	1

48 FRAME MOTORS CONT'D

Direct Drive, PSC, Open Air Over, Torsion Flex Mount



X034

marathon™ Motors

Application

Residential and commercial furnaces, air conditioners, exhaust fans, and other air handling equipment installed in clean and dry environments.

Features

Open frames and brackets
Three lug mount fits 9" or 10" bolt circle.
Mounting holes on lugs are .435" dia., with gromets and sleeves for .26" dia. option.
Multi-speed capacity
Weather resistant reversing plug
30" long leads
Automatic reset thermal protector
Ball bearings
UL recognized and CSA certified
Capacitor not included

CATALOG NO.	HP	RPM	VOLTS	FRAME	MODEL NO.	CAP. REQUIRED	F.L. AMPS	WEIGHT (LBS.)	FRAME LENGTH (IN.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	UOM	OM
X035	1/3	1075/4	115	48Y	48A11O1774	10MFD / 370V	4.15	15	4 1/2	1/2 x 6	4.56	EA	1

Visit DiversiTech.com for full offering.

Direct Drive, PSC, Single Phase, Resilient Ring - Extended Studs Mount



X015

marathon™ Motors

Features

Continuous Duty
Horizontal Motor Orientation
40 °C Ambient Temperature
Insulation Class B
Ball bearings
UL recognized and CSA certified

CATALOG NO.	HP	RPM	VOLTS	FRAME	MODEL NO.	F.L. AMPS	WEIGHT (LBS.)	FRAME LENGTH (IN.)	SHAFT EXT (IN.)	LENGTH LESS SHAFT (IN.)	UOM	OM
X015	1/3	1625	115	48Z	48A17O151 E	4.0	13	4 1/4	4.06	4	EA	1

PSC, NEMA 48Z All Angle Mount



X468

marathon™ Motors

Application

Condenser Fan Motors are used in air conditioning coolant condenser units usually found outdoors.

Features

No Base
Reversible
Ball Bearings
Class B insulation

CATALOG NO.	HP	RPM	VOLTS	FRAME	AMPS	WEIGHT (LBS.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	UOM	OM
X468	1/2	1625	208-230	48Z	2.9-2.6	16	1/2 x 6	4 3/4	EA	1

48 FRAME MOTORS CONT'D

Split Phase and Capacitor Start, NEMA 48M and 48N Flange Mount



O011

marathon™ Motors

Application

Direct replacement motors for residential and commercial oil burners and hot water pressure/steam cleaners.

Features

Ball bearings (except as noted)
Semi- or totally enclosed steel frame
20" Long leads from a 1/2" NPT opening (totally enclosed footnoted with N)

Split phase and capacitor start designs
Two-bolt, NEMA N- or M-Flange direct
Catalog numbers O010 and O011 have drip proof enclosure

1.0 Service Factor
Reversible rotation

CATALOG NO.	HP	RPM	VOLTS	FRAME	OVERLOAD	MODEL NO.	F.L. AMPS	WEIGHT (LBS.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	NOTES	UOM	OM
O600	1/8	1725	115	48N	Manual	48S17T286	2.8	11	1/2 x 1-7/8	5.71	CF, N, 3	EA	1
O601	1/6	1725	115	48N	Manual	48S17T290	2.7	12	1/2 x 2	5.6	CF, N, 3	EA	1
O004	1/4	3450	115	48N	Manual	48S34S2003	4.2	13	1/2 x 2	6.13	CF, 3	EA	1
O011	1/2	3450	115/208-230	48N	Manual	48C34D2028	7.4/3.5-3.7	17	1/2 x 1-3/4	9.09	2	EA	1

Notes: **2.** Capacitor Start Induction Run design **3.** Split Phase design **61.** 24" long #18 SO 2-conductor cord out shell at 11 o'clock position
CF - Consult factory for Accessory Kit and/or Modification Selection **N** - Totally enclosed, non-ventilated

Visit DiversiTech.com for full offering.

Split Phase and Capacitor Start, NEMA 48M and 48N Flange Mount



O102

marathon™ Motors

Application

Direct replacement motors for residential and commercial oil burners and hot water pressure/steam cleaners.

Features

Ball bearings (except as noted)
Semi- or totally enclosed steel frame
20" Long leads from a 1/2" NPT opening (totally enclosed footnoted with N)

Split phase and capacitor start designs
Two-bolt, NEMA N- or M-Flange direct
Catalog numbers O010 and O011 have drip proof enclosure

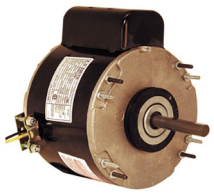
1.0 Service Factor
Reversible rotation

CATALOG NO.	HP	RPM	VOLTS	FRAME	OVERLOAD	MODEL NO.	F.L. AMPS	WEIGHT (LBS.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	NOTES	UOM	OM
O100	1/7	3450	115	48M	Manual	48S34S361	2.8	11	1-7/8 x 1/2 x 1	5.49	CF, 3	EA	1
O102	1/6	3450	115	48M	Manual	48S34S2005	3	11	1/2 x 1-7/8	5.37	3	EA	1

Notes: **3.** Split Phase design **CF** - Consult factory for Accessory Kit and/or Modification Selection

48 FRAME MOTORS CONT'D

5-5/8 Inch Diam. Unit Heater Motors



UH1026NB

Features

Totally enclosed
60 Hertz
Permanent split capacitor
Single phase
Automatic overload

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	CAP. REQUIRED	FRAME	MOUNTING	NOTES	UOM	OM
UH1026NB	1/4	115	1075	4.90	Rev	1/2 x 2-1/2	4-3/8	Ball	4MFD/370V	48	Resilient Base	27, 210, 411, 504	EA	1

Notes: **27.** Has a 3" shaft height **28.** No base **210.** 40° C ambient **411.** 4 thru bolts and 4 dummy studs on a 5.15" diameter bolt circle **504.** 60" leads

Split Phase Resilient Base Motors



GF2024D

Features

Continuous duty
Single phase
40ºC ambient
Sleeve Bearing
Resilient base mounting
Open and open drip proof Encl.
Reversible rotation
Split phase
60 Hertz
Automatic overload

CATALOG NO.	HP	VOLTS	RPM	FULL LOAD AMPS	SERVICE FACTOR	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	DIA. (IN.)	FRAME	NOTES	UOM	OM
Dual Voltage													
GF2024D	1/4	115/208-230	1725	5.20/2.60	1.35	1/2 x 1-5/8	7 1/2	Open	5-5/8	48/56	266	EA	1
GK2104DV1	1	115/230	1725	15.60/7.80	1.25	5/8 x 1-7/8	10.30	Open	6-1/2	56	—	EA	1

Notes: **266.** 48/56 FR = 1/2" x 1-1/2" shaft with 5/8" shaft adapte - 48/56 slotted 3" height base

5-5/8 Inch Diam. Unit Heater Motors



40025

Motors come with strong ball bearing construction. Utilize motor in unit heaters, blower equipment and other shaft-mounted fans.

Features

Permanent Split Capacitor
Totally enclosed
Class B insulation
Dual bolt circle applications (30° - 60° & 45°)
Includes capacitor mounted on motor
Horizontal or vertical mounting
1" extended studs
Single phase
Automatic overload
UL recognized
Mounting clamps included
Continuous duty air over

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEED	ROTATION	BRG	ENCL.	HERTZ	SHAFT DIMENSION (IN.)	MOUNTING	FRAME	UOM	OM
40066*	1/6	115	1075	2.4	1	Rev	Ball	Enclosed	60	1/2 x 3-3/8	Stud & Resilient	48	EA	1
40025	1/4	115	1075	3.4	1	Rev	Ball	Enclosed	60	1/2 x 2-1/2	Stud & Mounting Rings	48	EA	1
40033	1/3	115	1075	5.3	1	Rev	Ball	Enclosed	60	1/2 x 2-1/2	Resilient Base	48	EA	1

***Base not included.** **Direct Replacement For -**
Brownell MTG3206, Emerson 9034, GE 3206, Marathon X302, Packard 70066, Reznor 55682, Rotom R12834, Trane MOT6195

56 FRAME MOTORS

56Z Frame, Definite Purpose Motor

Features

Class B Insulation
40°C Ambient
Ball Bearings
Single phase
CCW Rotation
Resilient Base Mounting



SVB2034V1

Century®

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	DUTY	ENCLOSURE	UOM	OM
SVB2034V1	1/3-1/10	115	1725/1140	6.5-3.6	–	–	Continuous	Open Dripproof	EA	1

48/56 Frame, Split Phase Belt Drive Fan and Blower Motors

Applications

Centrifugal pumps, belt drive furnace blowers, fans

Features

40°C ambient
Continuous duty
5/8 inch shaft adapter and key included
Resilient base has 48 and 56 Frame mounting holes
Class B insulation
Electrically reversible
Open drip proof Encl.
5 5/8 inch diameter
Full service factor ratings
Split phase
Automatic overload
60 Hertz
Single speed



45013

Packard

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SERVICE FACTOR	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	FRAME	BRG	DIRECT REPLACEMENT FOR		UOM	OM
Single Voltage														
45016	1/6	115	1725	3.60	Rev.	1.35	1/2 x 1-7/8	7-1/2	48/56	Sleeve	Mars 10301	US Motors 3615	EA	1
45014	1/4	115	1725	4.80	Rev.	1.35	1/2 x 1-7/8	7-3/4	48/56	Sleeve	Emerson 8000 GE 4701	Marathon B206	EA	1
45013	1/3	115	1725	6.60	Rev.	1.35	1/2 x 1-1/2	7-7/16	48/56	Sleeve	Emerson 8100 GE 4706	Marathon B207	EA	1
45012	1/2	115	1725	8.30	Rev.	1.25	1/2 x 1-1/2	8-1/2	48/56	Sleeve	Emerson 8200 GE 4708	Marathon B208	EA	1
Dual Voltage														
45014D	1/4	115/208-230	1725	4.60/ 2.20-2.10	Rev.	1.35	1/2 x 1-7/8	6.75	48/56	Ball	—	Marathon B303	EA	1
45013D	1/3	115/208-230	1725	6.60/ 3.40-3.10	Rev.	1.35	1/2 x 1-7/8	6.75	48/56	Ball	—	Marathon B305	EA	1
45012D	1/2	115/208-230	1725	7.60/ 3.70-3.80	Rev.	1.25	1/2 x 1-7/8	8.58	48/56	Ball	—	Marathon B307	EA	1
45230D	3/4	115/208-230	1725	11.60/ 5.90-5.80	Rev.	1.25	5/8 x 1-7/8	10.55	56H	Ball	—	Marathon 56S17D2060	EA	1

56 FRAME MOTORS CONT'D

Three Phase Belt Drive Fan and Motors



K278

marathon™ Motors

Features

Class B moisture resistant insulation
40°C ambient
Ball bearings
Three phase
CW/CCW Rotation

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	FRAME	ENCL.	NOTES	UOM	OM
K277	1	460/208-230	1725	3.3-3.0,1.5	5/8 x 1-7/8	8-7/8	56	Open Dripproof	-	EA	1
K278	1	460/208-230	1725	3.6-3.8,1.9	5/8 x 1-7/8	8-7/8	56	Open Dripproof	-	EA	1
K381	1/2	460/208-230	1800	2.3-2.2,1.1	5/8 x 1-7/8	8-3/16	56	Open Dripproof	-	EA	1

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56 Frame Three Phase Commercial Condenser Fan Motors



H686

Century®

Features

Class B moisture resistant insulation
5/8 inch diameter shaft with keyway and flat
Double sealed ball bearings
1.0 service factor
Automatic overload
Reversible Rotation
60°C ambient
Single speed
60 Hertz
Three phase
Air over
Belly Band Mounting

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	FRAME	ENCL.	NOTES	UOM	OM
H686	1	460/200-230	850	2.00/4.40-4.00	5/8 x 4-7/8	9-3/8	56	Open Shaft End	319	EA	1
H667V1	1	460/200-230	1140	2.60/5.30-5.20	5/8 x 6	10-7/8	56	Open Shaft End	—	EA	1
H767V1	1-1/2	460/200-230	1140	3.00/5.80-6.00	5/8 x 6	10-7/8	56	Open Shaft End	407, 520	EA	1

Notes: **319.** No keyway, double flat **407.** 70°C ambient **520.** 1.15 service factor

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Capacitor Start Resilient Base Motors



C621V1

Century®

Features

Capacitor start, dual voltage
Single speed
Reversible rotation
Automatic overload
56 Frame
60 Hertz
Resilient base mounting
Single phase
Class B insulation

CATALOG NO.	HP	VOLTS	RPM	FULL LOAD AMPS	SERVICE FACTOR	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BRG	DIA. (IN.)	ENCL.	NOTES	UOM	OM
C412V2	1/2	115/208-230	1725	9.00/4.00-4.50	1.25	5/8 x 2	9-1/8	Ball	6-1/2	Open Drip Proof	205	EA	1
C426V2	3/4	115/208-230	1725	11.00/5.40-5.50	1.25	5/8 x 2	9-1/8	Ball	6-1/2	Open Drip Proof	205	EA	1
C621V1	1-1/2	115/208-230	1725	7.8-7.5/15.0	1.2	5/8 Keyed x 1-7/8	10.8	Ball	6-1/2	Open Drip Proof	—	EA	1

Notes: **205.** Extended thru bolts, shaft end only

56 FRAME MOTORS CONT'D

Nidec Evaporative Cooler Motors

Features

56Z Frame
Ball Bearing
60 Hz
2 1/2" Mtg Rings
Automatic Overload

6765



CATALOG NO.	HP	RPM	VOLT	SPEED	AMPS	CENTER RING TO CENTER RING (IN)	EXTENDED DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
6767	1/3	1725/1140	115	2	5.5/3.9	7.44	Split Phase, CW Shaft End, No Base	2202	EA	1
6768	1/2	1725	115	1	8.2	7.44	Split Phase, CW Shaft End, No Base	2203	EA	1
6765	1/2	1725/1140	115	2	7.5/4.0	7.44	Split Phase, CW Shaft End, No Base, Class F Insulation	2204	EA	1
6766	1/2	1725	230	1	4.8	7.44	Split Phase, CW Shaft End, No Base	2172	EA	1
6795	1/2	1725/1140	230	2	4.5	7.44	Split Phase, CW Shaft End, No Base, Class F Insulation	2176	EA	1
6769	3/4	1725	115	1	10.7	7.44	Split Phase, CW Shaft End, No Base, Class F Insulation	2205	EA	1
6770	3/4	1725/1140	115	2	10.5/4.7	7.44	Split Phase, CW Shaft End, No Base, Class F Insulation	2206	EA	1
6771	3/4	1725	230	1	5.4	7.44	Split Phase, CW Shaft End, No Base	2184	EA	1
6796	3/4	1725/1140	230	2	5.0/2.2	7.44	Split Phase, CW Shaft End, No Base, Class F Insulation	2189	EA	1
2574	1	1725/1140	115	2	12.4/6.1	9.5	Capacitor Start, Reversible, Resilient Base	2395	EA	1
2423	1	1725/1140	230	2	7.0	9.5	Capacitor Start, Reversible, Resilient Base	2396	EA	1
5149	1	1725/1140	115/230	1	15.1/7.5	9.5	Capacitor Start, Reversible, Resilient Base	2397	EA	1

Three Phase, Open Air Over, Shaft Up and Horizontal Band/Stud Mount

X501



CATALOG NO.	HP	RPM	VOLTS	FRAME	MODEL NO.	F.L. AMPS	WEIGHT (LBS.)	FRAME LENGTH (IN.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	NOTES	UOM	OM
X501	3/4	1140	208-230/460	56Y	056T11O5301	3.2-3.2/1.6	25	14.5625	5/8 x 5	9.5625	-	EA	1

Visit DiversiTech.com for full offering.

Three Phase, Open Air Over, Shaft Up and Horizontal Rigid Base Mount

Application

Replacement motor for refrigeration equipment.

Features

70°C ambient
Enclosed shaft end bracket, vented frame
Continuous duty
Automatic reset thermal protector
Shaft slinger
Threaded lead exit
Double sealed Ball bearings
Nameplated 60/50 hertz 190/380 Volts, at next lower HP
Flat and keyway on shaft
Patented VCD, Voltage Change Device
Ball bearings
UL recognized and CSA certified

X523



CATALOG NO.	HP	RPM	VOLTS	FRAME	MODEL NO.	F.L. AMPS	WEIGHT (LBS.)	FRAME LENGTH (IN.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	NOTES	UOM	OM
X523	1.5	1140	208-230/460	56HZ	56T11O5306	5.45-5.4/2.7	36	15.68	5/8 x 5	10.68	VC, 5	EA	1

Notes: **5.** 56H, 143T, and 145T Combination Base with 12 mounting holes **VC** Voltage Change Device for quick voltage changes

56 FRAME MOTORS CONT'D

Three Phase, Open Air Over, Rigid Base, Shaft Up or Horizontal



X532

marathon™ Motors

Application

Commercial condenser fans may be installed outdoors. These motors need to be mounted within the airflow of the fan for proper cooling. Used on Trane, Carrier, Climtrol and York units, 5 tons and larger.

As Noted

Features

70°C ambient (except as noted)
Enclosed shaft end bracket, vented frame
Continuous duty, air over
Automatic reset thermal protector
Shaft slinger
Threaded lead exit

Nameplated 60/50 hertz 190/380 Volts, at next lower HP
Double sealed Ball bearings
Flat and keyway on shaft
Patented VCD™ - Voltage Change Device (as noted)
Ball bearings
UL recognized and CSA certified

CATALOG NO.	HP	RPM	VOLTS	FRAME	MODEL NO.	F.L. AMPS	WEIGHT (LBS.)	FRAME LENGTH (IN.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	NOTES	UOM	OM
X532	1/3	1140	208-230/460	56Z	056T11O11001	1.8-1.8/0.9	22	8-1/4	1/2 x 5	8.37	45, 50	EA	1
X531	1-1/2	850	208-230/460	56Z	056T8O15504	7.0-7.0/3.5	47	11-1/2	5/8 x 5	11.68	VC, 5	EA	1

Notes: **5.** 56H, 143T, and 145T Combination Base with 12 mounting holes **45.** 60°C ambient **50.** Designed for 50Hz operation
VC Voltage Change Device for quick voltage changes

C-FRAME MOTORS

Utility Fan Motors and Kits



65691

Applications

Evaporators, refrigerators, range hoods, ventilators,exhaust fans and unit heaters

Features

Shaded pole
Sleeve bearings
Stud mounting

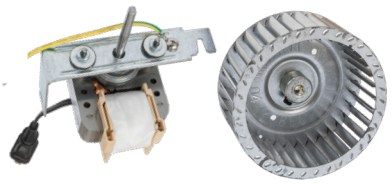
Rotation is determined by viewing the shaft end
Direct Replacements for Delfield, Bohn, Gemline and Nutone

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIMENSION (IN.)	HERTZ	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
65100	1/2	120	3000	0.60	1	CCW	7/32 x 1-5/8	60	Gemline EM550 Nutone C65878 Robertshaw VFM100	105, 485	EA	1
65249	1/2	120	3000	0.45	1	CW	1/8 x 2-1/2	60	Gemline EM241 EM242, EM244 EM245,EM247 EM248,EM249	—	EA	1
82423K	5/8	120	3000	0.50	1	CW	7/32 x 1-1/2	60	Nutone 89423-000	106, 485	EA	1
65112	5/8	120	3000	0.76	1	CCW	7/32 x 1-3/4	60	Broan-Nutone 99080245 Broan-Nutone 97012041	104, 105, 485	EA	1
65514**	5/8	120	3000	0.44	1	CW	3/16 x 3/4	60	Delfield 1175-10-4439		EA	1
65691	5/8	120	3000	0.64	1	CW	0.181 x 1-5/16	60	Bohn 5007S, 5018S Bohn 5036F, Gemline EM691 UPPCO 85	354 472 474	EA	1
65692	5/8	240	3000	0.32	1	CW	0.181 x 1-5/16	60	Bohn 5007T, 5018T Bohn 5036G, Gemline EM692 UPPCO 86	354 472 474	EA	1
65709	5/8	120	3000	0.80	1	CCW	7/32 x 2-1/4	60	Nutone C53709	108, 485	EA	1
65106	3/4	115	3000	0.70	1	CCW	7/32 x 2-3/8	60	Gemline EM555 Nutone C68627	485	EA	1

Notes: **104.** Same as 65100 except mounting screws are on the shaft end **105.** Includes A65100FB impeller **106.** Assembled with bracket as illustrated **108.** Has a one shot overload **354.** Impedence protected **464.** Same as 65100 except motor only **472.** Includes stand offs for other Bohn applications **474.** Used in Bohn commercial evaporators **485.** Includes two prong plug **5" fan blade included

C-FRAME MOTORS CONT'D

Utility Fan Motors and Kits



65894K

Features

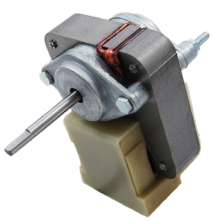
Replaces Nutone K5894 & K5895
Kit Includes Motor, Mounting Bracket & Blower Wheel
CCW Rotation is Determined by Viewing the Shaft End
Includes two prong plug and blower wheel
60 Hz
Shaded Pole
Sleeve Bearings
Assembled with bracket as illustrated

Packard

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIMENSION (IN.)	HERTZ	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
65104	3/4	120	3000	0.74	1	CCW	7/32 x 1-3/4	60	Gemline EM553 Nutone C66582	107	EA	1
65894K	3/4	120	3000	0.90	1	CCW	7/32 x 2-3/8	60	Nutone 82229 Nutone K5894	106, 555	EA	1
65101	7/8	120	3000	0.86	2	CW	7/32 x 1-5/16	60	Gemline EM551 Nutone C52367 Robertshaw VFM101	110	EA	1
65105	7/8	120	3000	0.88	2	CCW	7/32 x 1-7/16	60	Gemline EM554 Nutone C27987	110	EA	1
65103	7/8	120	3000	0.71	1	CCW	7/32 x 1-3/16	60	Gemline EM552 Nutone C63675	485	EA	1

Notes: **106.** Assembled with bracket as illustrated **107.** Has eyelet terminals on leads **110.** Includes Two Speed Plug
485. Includes two prong plug **555.** Includes two prong plug and blower wheel

Direct Replacements for Broan



65216

Features

Shaded Pole
Sleeve Bearing
Automatic Overload
Rotation is determined by viewing the shaft end

Packard

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIMENSION (IN.)	HERTZ	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
65216	5/8	120	3000	0.51	1	CCW	0.181 x 1-1/2	60	Broan 99080090 Broan 99080216	485, 491	EA	1
65094	7/8	120	3000	0.75	1	CCW	7/32 x 1-1/4	60	Broan 99080094 Broan 99080099 Broan 99080166	485, 491	EA	1
65159	7/8	120	3000	0.71	1	CCW	1/4 x 2-3/4	60	Broan 99080159	485, 491	EA	1
65176	1-1/8	120	3000	1.00	1	CW	7/32 x 1-1/2	60	Broan 99080176	485, 491	EA	1

Notes: **110.** Includes Two Speed Plug **485.** Includes two prong plug **491.** Has a flatted shaft

C-FRAME MOTORS CONT'D

Utility Fan Motors and Kits



65670

Packard

Applications

Evaporators, refrigerators, range hoods, ventilators, exhaust fans and unit heaters

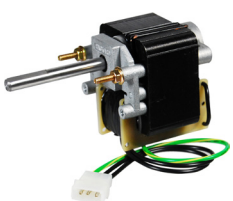
Features

Shaded pole
60 Hertz
Mechanically reversible
Rotation is determined by viewing the shaft end

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
Sleeve Bearings												
65670	5/8	115	3000	0.40	1	CW	3/16 x 1-1/4	SP	Sleeve	Acme 600, Acme 700 Acme 710 Gemline EM670 Robertshaw 14001	EA	1
65690	5/8	120	3000	0.50	1	CW	3/16 x 1-3/8	SP	Sleeve	Gemline EM690	EA	1
65673	5/8	115	3000/1550	0.60/0.40	2	CW	3/16 x 1-3/8	SP	Sleeve	Gemline EM673 Robertshaw 14007	EA	1

Visit DiversiTech.com for full offering.

Utility Fan Motors and Kits



65345

Packard

Applications

Evaporators, refrigerators, range hoods, ventilators, exhaust fans and unit heaters

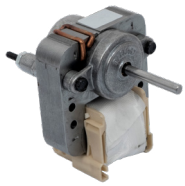
Features

Shaded pole
60 Hertz
Mechanically reversible
Rotation is determined by viewing the shaft end

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
Ball Bearings												
65686	5/8	120	3000	0.41	1	CW	3/16 x 1-1/4	SP	Ball	Acme BB700 Gemline EM686	EA	1
65345	1-3/8	120	3000	1.30	1	CCW	5/16 x 2-3/8	SP	Ball	Nutone 62345	EA	1

C-FRAME MOTORS CONT'D

Utility Fan Motors



65671

Packard

Applications

Evaporators, refrigerators, range hoods, ventilators, exhaust fans and unit heaters

Features

Shaded Pole, 60 Hertz
Mechanically reversible
Rotation is determined by viewing the shaft end

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIMENSION (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
65533	1/2	120	3000	0.22	1	CW	Splined (3/16 Diam.)	SP	Sleeve	Choice Vending 863243	—	EA	1
65280	1/2	240	3000	0.32	1	CW	3/16 x 1	SP	Sleeve	—	—	EA	1
65671	5/8	115	3000	0.50	1	CW	3/16 x 1-5/16	SP	Sleeve	Gemline EM671 Robertshaw 14003	—	EA	1
65102	5/8	120	3000	0.40	1	CW	7/32 x 2-1/4	SP	Sleeve	—	—	EA	1
65427	7/8	220-240	3000	0.28	1	CW	3/16 x 1	SP	Sleeve	—	—	EA	1

Notes: **103.** 2 speed plug for Nutone applications

OTHER MOTORS

Nidec Air Compressor Motors



EB384

Features

Rigid Welded Base
Continuous Duty
ODP Encl.
Class B Insulation
40°C Ambient
Ball Bearings
Ball Bearings
Capacitor Start, Capacitor Run
Rotation - CCWSE, Non-Reversible

CATALOG NO.	HP	FRAME	RPM	VOLT	SERVICE FACTOR	AMPS	"C" DIMENSIONS (IN.)	NOTES	UOM	OM
EB384	5	56HZ	3450	230	1.15	21.5	15.0	23	EA	1

*Rotation: Reversible **NOTES:** **23.** Manual Reset Thermal Protector Overload **25.** Non-protected

Square Frame Condenser Fan Motors



PSQ9CW115

Packard

Applications

Industrial and commercial refrigeration fans for condensing, ventilating and evaporator units, walk-in and reach-in coolers, freezers, food and beverage chillers.

Features

All angle self-aligning sleeve bearings
Totally Enclosed
Class B insulation
Standard operating temperatures:
-40˚F to + 104˚F (-40˚C to +40˚C)
UL recognized
Rear mount: 6 tapped holes #8-36 thread
Foot mount: 4 holes, #8-36 thread
Continuous air over

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTATION	PROTECTION	UOM	OM
PSQ4CW115	4	115	1550	0.36	CW Lead End	Impedence	EA	1
PSQ5CW115	5	115	1550	0.40	CW Lead End	Thermal	EA	1
PSQ6CW115	6	115	1550	0.41	CW Lead End	Impedence	EA	1
PSQ9CW115	9	115	1550	0.58	CW Lead End	Thermal	EA	1
PSQ9CW230	9	230	1550	0.35	CW Lead End	Thermal	EA	1
PSQ18CW115	18	115	1550	1.00	CW Lead End	Thermal	EA	1
PSQ18CW230	18	230	1550	0.50	CW Lead End	Thermal	EA	1

OTHER MOTORS CONT'D

JuggerNaut® Three Phase Inverter Duty Condenser Fan Motors



H1052AV1

Century®

Features

Inverter duty
70°C (158°F) max ambient
Class F moisture resistant insulation
Automatic overload protector
Large water slinger
Double sealed ball bearings
Lugs for belly-band mounting
Removable 56H Base
Shaft up mounting
Quick connect design
Energy-efficient three phase design
Conductive bearing grease for inverter applications
50/60 Hertz
Three phase
Energy-efficient three phase design

CATALOG NO.	HP	VOLTS	RPM	AMPS	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	DIRECT REPLACEMENT FOR BELLY BAND		RIGID BASE	UOM	OM
H1052AV1	2	460/208-230	1140	3.70/7.40-7.00	5/8 x 6	12-5/8	Marathon X509	Emerson 8987	Marathon X525 Emerson 1822	EA	1
H1053AV1	1	460/208-230	850	2.60/5.20-5.00	5/8 x 6	12-5/8	Marathon X507 Emerson 1828	G.E. K1482 Mars 1482	Marathon X528	EA	1
H1054AV1	1-1/2	460/208-230	850	3.60/6.70-7.20	5/8 x 6	13-1/8	Marathon X530		Marathon X531	EA	1

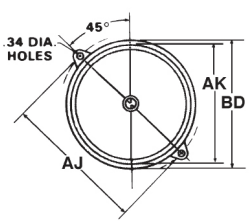
Note: It is the responsibility of the installer to properly adjust the drive to the motor for the specific application. The correct volts/Hz settings are application specific and unique to each motor. Failure to perform proper set up can lead to substandard performance and/or premature failure of the system components. All other replacements are not inverter duty.

Oil Burner Motors

Features

40ºC ambient
20″ Leads
1.0 service factor
Reversible rotation, except as noted
Manual reset thermal overload protector
56N Frame has 2 holes and screws for mounting outlet box
56N flange is enclosed, 48M and 48N flange are ventilated
Bearings have all angle thrust system

NEMA Frame	Bolt Circle AJ	Flange Dia. AK	Outside Dia. BD
48M	6.75"	5.500"	6.25" max
48N, 56N	7.25"	6.275"	7.00" max





3274

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIMENSION (IN.)	TYPE	FRAME	MOUNTING	FLANGE TYPE	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
3274	1/7	115	3450	1.7	1	CCWSE	1/2 x 2	PSC	48M	Flange	Ventilated	OBK6002V1	84, 86, H46	EA	1
3252N	1/6	115	1725	3.1	1	Reversible	1/2 x 2	Split	48N	Flange	Ventilated	EL2014V1	—	EA	1
2302	1/4	115	3450	3.7	1	Reversible	1/2 x 2	Split	48N	Flange	Ventilated	EL2022	—	EA	1

Notes: **78.** Class B insulation system **84.** Non-Reversible **85.** Removable face plate **86.** PSC motor, capacitor included **H46.** 3.7" body

OTHER MOTORS CONT'D

Hot Water Circulator Pump Motors



OBG2004

Features

Replacement motors for use on hot water circulator pumps by Bell and Gossett, Armstrong, Taco and others
Sleeve and ball bearings
Cushion rings and base included
For use with adjustable base
Special red paint
Open drip proof
Automatic overload
60 Hertz
Single phase
Capacitor included

CATALOG NO.	HP	VOLTS	RPM	FULL LOAD AMPS	SERVICE FACTOR	ROT	BRG	HUB TO HUB	SHAFT DIMENSION (IN.)	FRAME	MOUNTING TYPE	DIRECT REPLACEMENT FOR	UOM	OM
OBG2004*	1/8	115	1725	3.10	1.00	REV.	Sleeve	—	1/2 x 5/8 set screw	48Y	Base Included	Bell & Gossett	EA	1

Notes: * Suitable replacement for 1/12 HP and 1/10 HP



HW2014BL

CATALOG NO.	HP	VOLTS	RPM	FULL LOAD AMPS	SERVICE FACTOR	ROT	BRG	HUB TO HUB	SHAFT DIMENSION (IN.)	FRAME	MOUNTING TYPE	DIRECT REPLACEMENT FOR	UOM	OM
HW2014BL	1/6	115	1725	3.60	1.35	CWLE	Sleeve	7-5/8	1/2 x 5/8 flat	48YZ	Cushion Rings	Armstrong Bell & Gossett	EA	1

Square Flange Pool Pump Motors



SQ1152

Features

Used on many Sta-Rite, Red Jacket, Pac Fab, American Products and Sears jet and pool pumps
High and low service factors
Open drip proof enclosure
Sealed ball bearings
CCW pump end rotation
303 Stainless steel threaded shaft
50°C ambient
Square flange mounting
Capacitor start
3450 RPM
Automatic overload
60 Hertz
Single speed
Single phase

CATALOG NO.	HP	VOLTS	MAX AMPS	SERVICE FACTOR	FRAME	NOTES	UOM	OM
High Service Factor (Full Rated)								
SQ1152	1-1/2	230	10.40	1.47	48Y	199	EA	1

Notes: **199.** Energy efficient capacitor start, capacitor run Conservationist motor

EC MOTORS

EC Max® RM



5411EC

The new EC Max® RM refrigeration motor is the newest member of the EC Max line - it is specifically designed with refrigeration contractors in mind. It covers a wide range of watts, thereby reducing your inventory. The back of the motor features 5 drilled & tapped holes for mounting on various OEM applications as well as double foot pad mounting options. The front of the motor features four threaded holes designed to easily adapt to various top-mount applications.

Features

IP67 protection against dust and water
High efficiency & wide replacement capability
Mounting hardware included
Ball bearing design for all angle mounting
Double foot pad with threaded mounting holes (Except 5408EC)

Watts: 4 to 25
(Part #s - 5411EC, 5412EC, 5412EC90, 5411EC2*, 5414EC)
Voltages: 115V-230V
Temperature Rating: -40° C to +55° C (-40° F to +130° F)
Hertz: 60/50 Hz
Plug Options: Straight Lyall, 90˚ Lyall, and 3-wire

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	HERTZ	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	UOM	OM
5411EC	4 - 25	115-230	1550-1725	0.1-0.56/0.06-0.34	60/50	CWOSE	1/4 x 1/2	3	EA	1
5412EC	4 - 25	115-230	1550-1725	0.1-0.56/0.06-0.34	60/50	CCWOSE	1/4 x 1/2	3	EA	1
5411EC90*	4 - 25	115-230	1550-1725	0.1-0.56/0.06-0.34	60/50	CWOSE	1/4 x 1/2	3	EA	1
5411EC2**	4 - 25	115-230	1550/800	0.1-0.56/0.06-0.34	60/50	CWOSE	1/4 x 1/2	3	EA	1
5414EC	4 - 25	115-230	1550/1650	0.1-0.56/0.06-0.34	60/50	Reversible	1/4 x 1/2	3	EA	1
5408EC***	35 - 50@115V 35 - 60@230V	115-230	1550/800	0.8-1.0/0.52-0.8	60/50	Reversible	5/16 x 3	2-1/2	EA	1

*Includes 90 degree plug ** Plug not included ***4 extended studs on each end

Adapter Spacer

CATALOG NO.	SCREWS	SPACER DIAM. (IN.)	SPACER WIDTH (IN.)	UOM	OM
HA5411	(5) #8-36 x .750	3.188	.365	EA	1



HA5411

90° Plug Adapter

CATALOG NO.	UOM	OM
A60040	EA	1



A60040

Unitronix Unit Bearing EC Motors

Features

Patented EMS electronically commutated motor technology
Drop in replacements for shaded pole and PSC unit bearing motors
Utilizes traditional cast iron unit bearing design for proven, trouble free long life
Up to 70% efficient
Low heat rise maximizes system efficiency
Maintains constant speed over a wide range of fan applications
Special patented water protection package
60/50 Hz
Includes Lyall plug
Rotation determined viewing lead end
13 mounting holes



15621

CATALOG NO.	WATTS	RPM	VOLTS	AMPS	ROTATION	MOUNTING HOLES	DIRECT REPLACEMENT FOR	UOM	OM
15621	6-12	1550	115	0.2 - 0.3	CWLE	5 Rear holes	Hussman, Hill Phoenix, Kysor/Warren	EA	1

Applications

Commercial refrigeration walk in coolers and freezers, air moving applications demanding high efficiency

Features

Electronically commutated motor
Drop in replacements for 3.3" Diam. Shaded Pole & PSC Motors
Includes Lyall plug
Standard thru bolt configuration
Rotation determined viewing the shaft end
Efficiencies up to 3 times higher than shaded pole motors and 40% higher than PSC
Totally enclosed, air over
Automatic overload
Unit Bearing



15211

EM &S

CATALOG NO.	WATTS	HP	RPM	VOLTS	AMPS	ROTATION	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
15211	—	1/15-1/25	1550	115	1.25	CWSE	4 STUDS SE	Heatcraft, Bohn, and Krack	EA	1
15222	—	1/15-1/25	1550	230	0.77	CCWSE	4 STUDS SE	Heatcraft, Bohn, and Krack	EA	1
15546	12	—	1550	115	0.3	CWLE	5 Rear holes	Hussman 4410546	EA	1

EC MOTORS

Solid State Commutated Unit Bearing Motors



20020

morrillmotors®

Features

The next generation of ECM unit bearing motor with multi-watt range capability
Used for commercial refrigeration
IP65 Certified making it compatible for applications where the use of pressurized water for wash down is a standard procedure
ATEX Certified allowing its application where flammable refrigerants are used
66% Peak Efficiency = 45% higher than a PSC motor
Ball bearing with low temperature grease
Operating Temps: -40° C to 55° C ambient
5 drilled & tapped mounting holes on rear of the motor

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	HERTZ	MOUNTING	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
10022	16-25	115	1575	0.60	—	CCW	1/4 Threaded	—	60	—	—	554	EA	1
20020	16-25	208-230	1575	0.30	—	CW	1/4 Threaded	—	60	—	—	554	EA	1
10036	35-50	208-230	1550	0.45	—	CW	1/4 Threaded	—	50/60	—	—	—	EA	1
10042	35-50	208-230	1550	0.45	—	CCW	1/4 Threaded	—	50/60	—	—	—	EA	1

Notes: 554. Includes water shield to protect motor during coil cleaning

ECR ONE Constant Torque Motor



ECR01A0243

Wellington

Applications

Supermarket refrigeration, vending machines and other condenser and evaporator fan applications

Features

Drop in replacement for shaded pole and PSC motors
Electronically commutated motors with integrated electronic control
ECR up to 70% energy savings; UL recognized
IP55 moisture and dust protection
Totally enclosed, ball bearings,CCWSE rotation,can be mounted in any position
Operating temperature of ECR ONE motors: -22°F to +122°F
Operating temperature of ECR UltraSynch motors: -22°F to +104°F
Motors are built using 30% less copper and
80% less steel for a greener, more affordable solution
ECR UltraSynch motor includes Lyall plug
ECR ONE is a constant torque motor and will replace a shaded pole motor of matching wattage using the same fan blade
ECR UltraSynch is a constant speed motor operating at 1800 RPM over a wide range of voltage and load conditions. The correct fan blade must be specified to properly balance air flow.

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	HERTZ	UOM	OM
ECR01A0243*	16	115	1550	0.41	60	EA	1

*7 Drilled and tapped inserts for mounting.

ECR UltraSynch™ Constant Speed Motor



ECR92PJA12

Wellington

Applications

Supermarket refrigeration, vending machines and other condenser and evaporator fan applications

Features

Drop in replacement for shaded pole and PSC motors
Electronically commutated motors with integrated electronic control
ECR up to 70% energy savings; UL recognized
IP55 moisture and dust protection
Totally enclosed, ball bearings,CCWSE rotation,can be mounted in any position
Operating temperature of ECR ONE motors: -22°F to +122°F
Operating temperature of ECR UltraSynch motors: -22°F to +104°F
Motors are built using 30% less copper and
80% less steel for a greener, more affordable solution
ECR UltraSynch motor includes Lyall plug
ECR ONE is a constant torque motor and will replace a shaded pole motor of matching wattage using the same fan blade
ECR UltraSynch is a constant speed motor operating at 1800 RPM over a wide range of voltage and load conditions. The correct fan blade must be specified to properly balance air flow.

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	HERTZ	UOM	OM
ECR92PJA12	9-16	120	1800	0.34	60	EA	1

EC MOTORS

Kryo™ Fortress Motor

A high-efficiency EC motor with a dust-tight, water-tight IP66 rating.

Features

Replace 28 different motor ratings
Dual voltage
Reversible
Multi-mount
Energy efficient

68% EFFICIENT!

genteq KRYO™ · SSC



MD5411S

CATALOG NO.	WATTS	VOLTAGE	RPM	AMPS	SPEED	ROTATION	BEARING	ENCL.	SHAFT	NOTE	UOM	OM
MD5411S	4-20	90-240	1550	.30-.55	1	Rev	Ball	IP66/IP67	1/4-20	A	EA	1

Note: A - Stock No. 2117 - 90° cord adapter available separately

*Energy Savings EC Design - Comparison 16 Watt Motors @ 1550 RPM

Electronically Commutated Refrigeration Motors and Fan Kits

Assembled in the USA

Wellington



ECR921200

CATALOG NO.	INCLUDES	DIRECT REPLACEMENT FOR	UOM	OM
ECR92950	• ECR92PJA12 Motor • Mounting Shroud • 8 Inch 15 Degree Fan Blade	GE FAN PACK 5SME58AAF1430 900 & 950 RPM	EA	1
ECR921200	• ECR92PJA12 Motor • Mounting Shroud • 8 Inch 25 Degree Fan Blade	GE FAN PACK 5SME58AAF1430 1100 & 1200 RPM	EA	1
ECR921400	• ECR92PJA12 Motor • Mounting Shroud • 8 Inch 28 Degree Fan Blade	GE FAN PACK 5SME58AAF1430 1300 & 1400 RPM	EA	1

9-16 Watt, 120 Volt, 0.34 Amps

UNIT BEARING MOTORS

Standard DC Motor

Features

Higher Efficiency than Standard Induction Motors for Greater Energy Savings



UTBEA2351BD

EM &S

CATALOG NO.	WATTS	RPM	VOLTS	AMPS	ROTATION	FRAME	DIRECT REPLACEMENT FOR	UOM	OM
UTBEA2351BD	35	2350	115	0.2 - 0.3	CCWLE	Non-Standard	-	EA	1

Unit Bearing Motor

Features

Cool running
Quiet Operation
Thick Film Lubricating System for Long Life and Dependability



SPFBE91

EM &S

CATALOG NO.	WATTS	RPM	VOLTS	HZ	ROTATION	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
SPFBE91	9	1,500	115	60/50	CWLE	TEAO	-	EA	1

3.3" DIAMETER MOTORS

Heatcraft BNE Air Cooled Condenser Fan Assembly Replacement Unit



25318801

ebmpapst

Features

Fans can be wired to work as 0-10V or 10-0V control input using a jumper wire, no programming needed
Fans can be installed as lead fans or downstream fans on a condenser layout
Includes components and instructions for fan assembly replacement to OEM specs

HEATCRAFT PART NUMBER	EBM-PAPST PART NUMBER	VOLTS	UOM	OM
25318801	S3G800-CY24-16A	200-240	EA	1
25318901	S3G800-CY27-06A	380-480	EA	1
25318803	S3G800-BY24-16A	200-240V/3 CW	EA	1
25318903	S3G800-BY27-06A	380-480V/3 CW	EA	1

Note: Metal venturi wall ring not included

Heatcraft Condenser Fan Assembly Unit



ebmpapst

HEATCRAFT Worldwide Refrigeration

Features

30″ blade
No minimum order quantity
– maximum number of motors per pallet is 3
Fan Assembly weighs about 75 pounds

PACKAGE INCLUDES

Detailed replacement instructions with photographs to guide you through each step of the fan replacement

Factory installed conduit on the motor to prevent any water entry

Cork tape to seal the wire entry point under the wall panel to prevent any moisture intrusion and new pressure washer warning label

Heatcraft's specific wiring diagrams showing exactly how to wire this replacement fan into the variety of existing condenser applications

Instructions and materials to return units under warranty.

Includes a reusable shipping box, return label and bill of lading.

EBM Energy Saving Motor (ESM) Axial Fan Assembly



EBM9137

ebmpapst

Features

Can be programmed with Nano programmer
Program two-speeds between available range
50/60 Hertz
115 & 230 VAC models available

CATALOG NO.	DIAM. FAN (IN.)	WATTS	VOLTS	RPM	AMPS	SPEEDS	ROTATION	BEARING	UOM	OM
EBM9122	7	21	230	1700-2500	0.18	2	CCWSE	Ball	EA	1
EBM9137	8	31	230	800-2100	0.24	2	CCWSE	Ball	EA	1
EBM9523	7	22	115	1700-2500	0.3	2	CCWSE	Ball	EA	1
EBM9538	8	31	115	800-2100	0.46	2	CCWSE	Ball	EA	1

- **Three wiring harness termination options, sold separately**

EBM Unit Cooler Fan Assembly



EBM0207

ebmpapst

Features

High efficiency ECM design
Plug included
Voltage sensing

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	SPEEDS	ROTATION	BEARINGS	UOM	OM
EBM0207	63	100-240	1590	0.55	1	CWSE	Ball	EA	1
EBM0210	70	100-240	900-1650	0.5	10	CWSE	Ball	EA	1

Two options available:

EBM0207 – Fixed RPM suitable for use in Heatcraft unit coolers
EBM0210 – RPM adjustable rotary switch

Adapter Ring



EBM20001

ebmpapst

CATALOG NO.	DESCRIPTION	UOM	OM
EBM20001	Allows the Axial motor assembly to be used in diameters up to 12".	EA	1

3.3" DIAMETER MOTORS

EBM Programmer

Features

Allows for effortless programming of the two ESM speeds
Inserts directly into fan's programming port
Battery operated, no cables required
Easy to read LCD display



EBM600003

ebmpapst

CATALOG NO.	DESCRIPTION	UOM	OM
EBM600003	EBM Nano Programmer	EA	1

EBM Harness

Features

Interchangeable cord sets for 8 in (200mm)
EBM fan basket



EBM10910

ebmpapst

CATALOG NO.	CONNECTION	LENGTH (IN.)	UOM	OM
EBM10637	3 wire connection without plug	17.7	EA	1
EBM10847	Two Pin Right Angle Lyall Plug	17.7	EA	1
EBM10901	2 wire connection without plug	17.7	EA	1
EBM10910	Three Pin Straight Lyall Plug	11	EA	1

EBM AC Axial Fan

Features

Impeller material -sheet steel, painted black
Die-cast aluminum Housing material



EBM5606S

ebmpapst

CATALOG NO.	DIAM. FAN (IN.)	WATTS	VOLTS	RPM	AMPS	SPEEDS	ROTATION	BEARING	UOM	OM
EBM5606S	5.2	3.6	115	2200	-	1	CCWSE	Ball	EA	1

42 FRAME

Drop In Replacements For Commercial Refrigeration Evaporator Fan Motors

Features

Energy savings ECM design
Ball bearings
60 Hertz
Direct Replacement For Heatcraft, Bohn, Chandler, Climate Control and Larkin
42 Frame
Class B insulation
Four mounting studs on each end
Includes Lyall plug
Direct Replacement For 1/15, 1/20, 1/25 HP PSC and lower efficient shaded pole designs



97801

Packard

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
97801	1/15, 1/20, 1/25	120	1625	1.20	1	CWSE	5/16 x 2.95	2.85	Ball	Stud	Heatcraft 22617801 Heatcraft 22618001 Heatcraft 25307801 Heatcraft 25308001 Interlink 25317801S	EA	1

48 FRAME

ARKTIC™ 142 Motor



5R007

morrillmotors

Applications

Designed primarily for use in the evaporator of commercial refrigeration and walk-in coolers and freezers as well as outdoor condensers can also be used in many applications demanding high efficiency and dependability with output ratings between 1/5 - 1 HP including parallel rack fan motors.

Features

Shaft water slinger
26 inch cord set attached to motor
Horizontal - vertical down orientation desired
Totally enclosed, Non-vented (air-over ECM required)
Designed for 50 or 60 Hertz operation
RoHS compliant NEMA 48 Frame electronically commutated motor

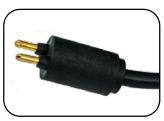
CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	UOM	OM
5R007	1/3	230	1075	2.60-3.50	1	CCW	1/2 x 4	10	Ball	EA	1

OTHER MOTORS

EC Unit Bearing Motor

Features

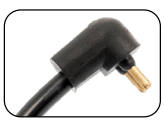
60/50 Hz
IP65 Certified
Shaded pole
Water Shield
Stud mounting
Includes speed nut and 4 screws
5 - tapped and drilled mounting holes in rear
61312 has a straight lyall plug, 61313 has a 90 degree lyall plug
Rotation is determined by viewing the shaft end
Direct Replacements for Delfield, Bohn, Gemline and Nutone



Straight Lyall plug



61312



90° Lyall plug



61313

70% EFFICIENT!

Packard

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARING	MOUNTING	UOM	OM
61312	4-16	115	1550	0.16-0.42	1	CWLE	1/4 x 1/2	3-1/8	Ball	Double Foot Pad	EA	1
61313	4-16	115	1550	0.16-0.42	1	CWLE	1/4 x 1/2	3-1/8	Ball	Double Foot Pad	EA	1

Packard Aluminum 2-16 Watts - Single and No Foot Pad

Features

Rotation is determined by viewing the lead (opposite shaft) end
Totally enclosed

Packard



65109

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	HERTZ	MOUNTING	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
65109	2	115	1550	0.22	CW	1/4 x 1/2	2-3/8	50/60	No Foot Pad	GE 5109	530	EA	1
65213	4	115	1550	0.29	CW	1/4 x 1/2	2-3/8	50/60	Single Foot Pad	GE 5213	—	EA	1
65214	4	115	1550	0.29	CCW	1/4 x 1/2	2-3/8	50/60	Single Foot Pad	GE 5214	—	EA	1
65313	6	115	1550	0.40	CW	1/4 x 1/2	2-7/8	50/60	Single Foot Pad	GE 5313	—	EA	1
65413	9	115	1550	0.50	CW	1/4 x 1/2	2-7/8	50/60	Single Foot Pad	GE 5413	—	EA	1
65813	16	115	1550	1.0	CW	1/4 x 1/2	3-3/16	50/60	Single Foot Pad	—	—	EA	1

Notes: **87**. Includes straight Lyall plug **530**. No foot pad **551**. Low temp. oil

OTHER MOTORS CONT'D

Packard Cast Iron 2-16 Watts - Single and Double Foot Pad

Features

Shaded pole
Rotation is determined by viewing the lead (opposite shaft) end



61004

Packard

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	HERTZ	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
Single Foot Pad													
61021*	2	115	1550	0.22	CW	1/4 x 1/2	2-1/4	Totally Enclosed	50/60	No Foot Pad	GE 5109	EA	1
65111	2.5	115	1000	0.26	CW	1/4 x 1/2	2-1/4	Totally Enclosed	50/60	Single Foot Pad	GE 5111	EA	1
65211	4	115	1550	0.29	CW	1/4 x 1/2	2-3/8	Totally Enclosed	50/60	Single Foot Pad	GE 5211	EA	1
65212	4	115	1550	0.29	CCW	1/4 x 1/2	2-3/8	Totally Enclosed	50/60	Single Foot Pad	GE 5212	EA	1
65311	6	115	1550	0.40	CW	1/4 x 1/2	2-7/8	Totally Enclosed	50/60	Single Foot Pad	GE 5311	EA	1
65312	6	115	1550	0.40	CCW	1/4 x 1/2	2-7/8	Totally Enclosed	50/60	Single Foot Pad	GE 5312	EA	1
65411	9	115	1550	0.55	CW	1/4 x 1/2	2-7/8	Totally Enclosed	50/60	Single Foot Pad	GE 5411	EA	1
65412	9	115	1550	0.55	CCW	1/4 x 1/2	2-7/8	Totally Enclosed	50/60	Single Foot Pad	GE 5412	EA	1
65421	9	230	1550	0.27	CW	1/4 x 1/2	2-7/8	Totally Enclosed	50/60	Single Foot Pad	GE 5421	EA	1
65422	9	230	1550	0.27	CCW	1/4 x 1/2	2-3/4	Totally Enclosed	50/60	Single Foot Pad	GE 5422	EA	1
65811	16	115	1550	1.00	CW	1/4 x 1/2	3-1/4	Totally Enclosed	50/60	Single Foot Pad	GE 5811	EA	1
65812	16	115	1550	1.00	CCW	1/4 x 1/2	3-1/4	Totally Enclosed	50/60	Single Foot Pad	GE 5812	EA	1
65821	16	230	1550	0.50	CW	1/4 x 1/2	3-1/4	Totally Enclosed	50/60	Single Foot Pad	GE 5821	EA	1
65822	16	230	1550	0.50	CCW	1/4 x 1/2	3-1/4	Totally Enclosed	50/60	Single Foot Pad	GE 5822	EA	1
Double Foot Pad													
61002	2	115	1550	0.22	CW	1/4 x 1/2	2-3/8	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61004	4	115	1550	0.29	CW	1/4 x 1/2	2-3/8	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
65119**	5	115	1550	0.34	CW	1/4 x 1/2	2-3/8	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61006	6	115	1550	0.40	CW	1/4 x 1/2	2-3/8	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61029	9	230	1550	0.27	CW	1/4 x 1/2	2-1/2	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61009	9	115	1550	0.55	CW	1/4 x 1/2	2-1/2	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61099	9	115	1550	0.55	CCW	1/4 x 1/2	2-1/2	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61059	9	230	1550	0.29	CCW	1/4 x 1/2	2-1/2	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61015	16	115	1550	1.00	CW	1/4 x 1/2	3-1/32	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61016	16	115	1550	1.00	CCW	1/4 x 1/2	3-1/32	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61017	16	230	1550	0.50	CW	1/4 x 1/2	3-1/32	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1
61018	16	230	1550	0.50	CCW	1/4 x 1/2	3-1/32	Totally Enclosed	50/60	Dbl Foot Pads	—	EA	1

Note: *61021 has no foot pad **65119 Includes straight Lyell plug / Low Temp. Oil

Visit DiversiTech.com for full offering.

OTHER MOTORS CONT'D

Packard Aluminum 2-9 Watts - Double Foot Pads

Features

Rotation is determined by viewing the lead (opposite shaft) end



64108

Packard

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	HERTZ	MOUNTING	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
64102	2	115	1550	0.25	CW	1/4 x 1/2	2-3/8	Totally Enclosed	50/60	Double Foot Pads	Emerson 102	557	EA	1
64115	4	115	1450	0.29	CW	1/4 x 1/2	2-1/2	Totally Enclosed	50/60	Double Foot Pads	—	557	EA	1
64117	6	115	1550	0.40	CW	1/4 x 1/2	2-3/8	Totally Enclosed	50/60	Double Foot Pads	Emerson 117	557	EA	1
64277	6	277	1550	0.17	CW	1/4 x 1/2	2-1/2	Totally Enclosed	50/60	Double Foot Pads	—	557	EA	1
64108	9	115	1550	0.50	CW	1/4 x 1/2	2-1/2	Totally Enclosed	50/60	Double Foot Pads	Emerson 108	557	EA	1

Notes: **557.** 5 mounting holes opposite the shaft end

Direct Replacement Unit Bearing Motors

Features

Rotation is determined by viewing the lead (opposite shaft) end
Totally enclosed



65740

Packard

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	MATERIAL	HERTZ	MOUNTING	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
65740	2.3	115	1300	0.15	CW	1/4 x 1/2	2.48	Aluminum	60/50	Double Foot Pads	Sub Zero 4200740	Pin Term.	EA	1
65018	5	115	1550	0.34	CW	1/4 x 1/2	2-1/2	Cast Iron	50/60	Single Foot Pad	GE 5KSM81FFL18	550, 551	EA	1
65017	9	115	1550	0.55	CW	1/4 x 1/2	2-3/4	Cast Iron	50/60	Single Foot Pad	GE 5KSM81FFL17	550, 551	EA	1
65133	9	115	1550	0.50	CW	1/4 x 1/2	2-1/2	Cast Iron	50/60	Single Foot Pad	GE 5KSM51ECG5133 Hussmann 58698	87 551	EA	1

Notes: **87.** Includes straight Lyall plug **550.** Includes 90 degree Lyall plug **551.** Low temp. oil

OTHER MOTORS CONT'D

Morrill Motors - Cast Iron 2-16 Watts - Double Foot Pads



10002

morrillmotors

Features

Rotation is determined by viewing the lead (opposite shaft) end Totally enclosed 60 Hertz

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
10002	2	115	1550	0.22	CW	1/4 x 1/2	2-3/8	SP	Double Foot Pads	Morrill SPB2EM1	EA	1
10004	4	115	1550	0.29	CW	1/4 x 1/2	2-3/8	SP	Double Foot Pads	Morrill SPB4EM1 GE 5211	EA	1
10005	5	115	1550	0.34	CW	1/4 x 1/2	2-3/8	SP	Double Foot Pads	Morrill SPB5EM1	EA	1
10287*	5	115	1550	0.34	CW	1/4 x 1/2	2-3/8	SP	Double Foot Pads	Morrill PB5SEV11 Hill PP7577M	EA	1
10006	6	115	1550	0.36	CW	1/4 x 1/2	2-1/2	SP	Double Foot Pads	Morrill SPB6EM1 GE 5311	EA	1
10009	9	115	1550	0.53	CW	1/4 x 1/2	2-1/2	SP	Double Foot Pads	Morrill SPB9EM1 GE 5411	EA	1
10099	9	115	1550	0.53	CCW	1/4 x 1/2	2-1/2	SP	Double Foot Pads	Morrill SPB9EMR1	EA	1
10029	9	230	1550	0.27	CW	1/4 x 1/2	2-1/2	SP	Double Foot Pads	Morrill SPB9EM2 GE 5421	EA	1

*Low temp. oil

Direct Replacement Unit Bearing Motor



10101

morrillmotors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	MATERIAL	HERTZ	MOUNTING	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
10101	9	115	1550	0.53	CW	1/4 x 1/2	2-1/2	Aluminum	60	No Foot Pad	Hussmann SPB9HUBGV101	87, 530	EA	1

Notes: **87.** Includes straight Lyall plug **530.** No foot pad

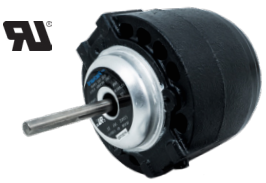
OTHER MOTORS CONT'D

Packard Unit Bearing Motors - Cast Iron 25-50 Watts

Features

Double foot pad
50/60 Hertz
Shaded pole

Rotation is determined by viewing the lead (opposite shaft) end
Horizontal or shaft up mounting



65045

Packard

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
65020	35	115	1500	1.40	CW	1/4 x 1/2	3-3/8	Totally Enclosed	Tecumseh 810M035A29	EA	1
65022	35	115	1500	1.40	CCW	1/4 x 1/2	3-3/8	Totally Enclosed	GE 3352	EA	1
65021	35	230	1500	0.70	CW	1/4 x 1/2	3-3/8	Totally Enclosed	Tecumseh 810M035A21	EA	1
65023	35	230	1500	0.70	CCW	1/4 x 1/2	3-3/8	Totally Enclosed	GE 3354	EA	1
65040	50	115	1500	1.70	CW	3/8 x 1-1/2	3-5/8	Semi Enclosed	Copeland 050-0244-00	EA	1
65042	50	115	1500	1.70	CCW	3/8 x 1-1/2	3-5/8	Semi Enclosed	GE 3502	EA	1
65041	50	230	1500	0.85	CW	3/8 x 1-1/2	3-5/8	Semi Enclosed	Copeland 050-0244-00	EA	1
65043	50	230	1500	0.85	CCW	3/8 x 1-1/2	3-5/8	Semi Enclosed	GE 3504	EA	1
65045	50	230	1500	0.85	CCW	5/16 x 2-1/2	3-3/4	Open	Tecumseh 810M050A62	EA	1

Direct Replacements for Oasis and Hussman

Features

Totally enclosed
Rotation is determined by viewing the lead (opposite shaft) end



10037

morrillmotors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	HERTZ	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
10037	5	115	1550	0.34	CW	1/4 x 1/2	2-3/8	SP	60	Double Foot Pads	Oasis 027354-026 027354-037	EA	1

OTHER MOTORS CONT'D

Electric Motors and Specialties Unit Bearing Motors - 15-50 Watts



15020

EM &S

Features

Double foot pad mounting
Mounting hardware included
UL recognized

Rotation is determined by viewing the lead (opposite shaft) end
Cast iron
Shaded pole

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	ENCL	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
15009*	15	115	1500	0.6	CCW	5/16 x 7-1/2	3-1/8	Totally Enclosed	60	ESPL15EMJR11	EA	1
15020	35	115	1500	1.40	CW	1/4 x 1/2	3-3/8	Totally Enclosed	60	Tecumseh 810M035A29 EMS ESPL35EM1	EA	1
15021	35	230	1500	0.70	CW	1/4 x 1/2	3-3/8	Totally Enclosed	60	Tecumseh 810M035A21 Tecumseh 810M035A28 EMS ESPL35EM2	EA	1
15040	50	115	1500	1.70	CW	3/8 x 1-1/2	3-5/8	Open	60	Copeland 050-0244-01 EMS ESPOL50EM1	EA	1
15041	50	230	1500	0.85	CW	3/8 x 1-1/2	3-5/8	Open	60	Copeland 050-0244-00 EMS ESPOL50EM2	EA	1

*Lead end and shaft end are the same.

Direct Replacements for Oasis and Hussman



61103

Packard

Features

Totally enclosed
Rotation is determined by viewing the lead (opposite shaft) end

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	HERTZ	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
61103	12	115	1550	0.62	CW	1/4 x 1/2	2-11/16	SP	50/60	No Foot Pad	Hussmann 0047000, 441-103, 4410311, 0440421, 125-01-0615A LRC Coil 1602	EA	1

OTHER MOTORS CONT'D

Electric Motors and Specialties
Unit Bearing Motors - 50-75 Watts



15045

EM &S

Features

Double foot pad mounting
Mounting hardware included
UL recognized
Rotation is determined by viewing the lead (opposite shaft) end
Cast iron
Shaded pole

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	HERTZ	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
15045**	50	230	1500	0.85	CCW	5/16 x 2-1/2	3-5/8	Open	60	Tecumseh 810M050A62, EMS ESPOL50EMJR21	479	EA	1
15049	50	208-230	1500	0.85	CW	3/8 x 1-1/2	3-5/8	Open	50/60	Copeland 050-0241-01, EMS ESPOL50EM13	96, 97	EA	1
15460	50	460	1500	0.44	CW	3/8 x 1-1/2	3-5/8	Open	60	Copeland 050-0244-02 , EMS ESPOL50EM461	96	EA	1
15461**	50	460	1500	0.44	CCW	5/16 x 2	3-5/8	Open	60	Copeland 050-0264-03, ESPOL50EMJR41	—	EA	1
15044	50	230	1500	0.85	CW	5/16 x 1-1/2	3-5/8	Open	60	ESPOL50EM2B	—	EA	1
15046	50	208-230	1500	1.20	CW	3/8 x 1-1/2	3-5/8	Open	60	ESPOL60EM2	97	EA	1
15116	50	115	1500	1.7	CW	1/4 - 20 Thread	4.18	Open	60	Copeland 050-0344-01	—	EA	1
15126	50	208-230	1500	0.85	CW	1/4 - 20 Thread	4.18	Open	60	Copeland 050-0344-00	—	EA	1
15146	50	460	1500	0.44	CW	1/4 - 20 Thread	4.18	Open	60	Copeland 050-0344-03	—	EA	1
15075	75	208-230	1500	1.50	CW	3/8 x 1-1/2	4.18	Open	60	EMS ESP0L75EM2	97	EA	1

Notes: 96. Copeland replacement **97.** May be used on 208 Volt applications **479.** Tecumseh replacement

** Lead end and shaft end are the same.

Electric Motors and Specialties - Direct OEM Replacement



15060

EM &S

Features

Double foot pad mounting
Mounting hardware included
UL recognized
Includes molex plug
Rear mounting holes
Shaded pole

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIM.(IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
15060	60	208-230	1550	1.2	CCWLE	3/8 x 1-1/2	4	Open	60	Scotsman 18-8927-01 EMS ESPOL60EMR2	EA	1

OTHER MOTORS CONT'D

Direct Replacements for General Electric 11 Frame



61431

Packard

Features

All angle unit bearings
Automatic overload
Stud and resilient mounting
Rotation determined by viewing the shaft end, leads are on shaft end
1.83 inch resilient rings
Single speed / single phase
60 Hertz
4 Holes #8-32 UNF-2B on 2.84" bolt circle
Low temp oil rated for -40° C

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
61431	35 MHP	115	1550	1.70	CCWLE	5/16 x 1-1/4	4.82	Shaded Pole	Sleeve	Open	GE1431	EA	1
61441	35 MHP	115	1550	1.70	CWLE	5/16 x 1-1/4	4.82	Shaded Pole	Sleeve	Open	GE1441	EA	1
61442	35 MHP	208-230	1550	0.87	CWLE	5/16 x 1-1/4	4.82	Shaded Pole	Sleeve	Open	GE1442	EA	1

Direct Replacements for General Electric 11 Frame



81672

Packard

Features

Shaded pole
Bolt circle 2.84"
60 Hertz
Single phase
Rotation is determined by viewing the shaft end; leads are on shaft end
Automatic overload
Stud mounting

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	ENCL.	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
81671	1/15	115/230	1550	2.10-1.10	CCW	5/16 x 1-5/8	4-1/4	Ball	Totally Enclosed	GE 1331 GE 1332	486, 487 488, 489	EA	1
81672	1/15	115/230	1550	2.10-1.10	CW	5/16 x 1-5/8	4-1/4	Ball	Totally Enclosed	GE 1341 GE 1342	486, 487 488, 489	EA	1

Notes: **486.** Drilled and tapped holes for mounting **487.** Includes 1-7/8" diameter mounting rings **488.** 8/32 mounting studs included **489.** Rotation is determined by viewing the lead end

Refrigeration Motor



D472

FASCO

Features

Shaded pole
Sleeve and ball bearing
12" Leads
60 Hertz
Open Encl.
Class B Insulation, 40°C Ambient
Automatic overload
Bolt circle 2.84"

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	ENCL.	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
D477	1/35	208-230	1550	0.75	CCWSE	5/16 x 1-5/8	4-1/4	Sleeve	Open	GE 1432	40, 43, 44, 46	EA	1
D472	1/20	115	1550	1.90	CWSE	5/16 x 2-5/8	4-1/4	Sleeve	Open	GE 1341	47	EA	1
D470	1/20	208-230	1550	0.94	CWSE	5/16 x 2-5/8	4-1/4	Sleeve	Open	GE 1342	47	EA	1

Notes: **40.** Mounting bracket designed to match the original motor (four 8-36 drilled and tapped holes) **43.** Mounting hardware included **44.** Has 22" leads with 1/16" thick insulation **46.** Three studs opposite shaft end are 8-32 on a standard 2.84" bolt circle, 120° apart **47.** Includes 1/2" studs for mounting

DIRECT REPLACEMENT FOR - ALADDIN STEEL | AMANA | ARMSTRONG

Aladdin Steel - Draft Inducers



A120

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A120	120	1.10	2	Shaded Pole	Ball	Open	Automatic	7002-2983 230-1460	EA	1

Amana - Draft Inducers



A158

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A158	115	0.70	1	PSC	Sleeve	Open	Automatic	D98686-7 7062-3151	EA	1
A180	115	1.80	1	Shaded Pole	Ball	Open	Automatic	20190601 7021-9625	EA	1

Amana/Armstrong/Magic Chef - Draft Inducer Replacement Kit



66426K

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66426K	208-230	0.2	1	PSC	Ball	Open	Automatic	35HWC, 48HWC 60 HWC, 66HWC	EA	1

Notes: Includes Pressure switch and leads

Armstrong - Draft Inducers



80280

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	ROTATION	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
80280	208-230	0.55	–	1	Shaded Pole	Ball	Open	Automatic	35035B001	EA	1
66404	115	0.53	–	1	PSC	Ball	Open	Automatic	40404-003 117521-00	EA	1
D9430	208-230	0.65	CCWSE	1	Shaded Pole	Ball	Open	Thermally	42250-1 JA1N110	EA	1

DIRECT REPLACEMENT FOR - BURNHAM | CARRIER

Burnham - Draft Inducers

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers



66056

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66056	115	0.48	1	PSC	Ball	Open	Automatic	6116056	EA	1

Notes: Includes Gasket & Capacitor

Carrier - Draft Inducers

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers



65123

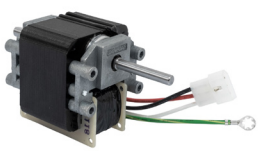
CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ROTATION	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
65123	115	1.50	1	Shaded Pole	Ball	CCWLE	Automatic	HC21ZE123A	EA	1

CATALOG NO.	VOLTS	AMPS	SPEEDS	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
65570	230	0.80	1	1 x 5/16 x 1-7/8	3-5/8	Shaded Pole	Ball	Automatic	HC24HE230 J238-15161	EA	1
65569	115	1.80	1	1 x 5/16 x 1-7/8	3-3/8	Shaded Pole	Ball	Automatic	HC21ZE117B J238-150220	EA	1



65570

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ROTATION	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
65118	115	1.80/0.60	2	Shaded Pole	Ball	CCWLE	Automatic	HC21ZE118	EA	1



65118

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
65230	208-230	0.80	1	Shaded Pole	Ball	Open	Automatic	J238-150-15103 HC24HE230	EA	1



65230

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ROTATION	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66756	115	0.85	1	PSC	Ball	CWSE	Automatic	320725-756	EA	1
66757	115	0.85	1	PSC	Ball	CWSE	Automatic	320725-757	EA	1
66758	115	1.15	1	PSC	Ball	CWSE	Automatic	320725-758	EA	1



66756

DIRECT REPLACEMENT FOR - CARRIER CONT'D

Carrier (cont'd) - Draft Inducers

Features

Overload is automatic
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers



66761

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ROTATION	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66761	115	0.63/0.3	2	Shaded Pole	Ball	CWSE	Automatic	326628-761	EA	1
66762	115	1.06/0.28	2	Shaded Pole	Ball	CWSE	Automatic	326628-762	EA	1
66763	115	1.32/0.39	2	Shaded Pole	Ball	CWSE	Automatic	326628-762	EA	1

Notes: Includes Motor, 2 Speed Plug, Cooling Fan, Blower Wheel, Mounting Bracket, Screws & Grommets



66649

CATALOG NO.	VOLTS	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
66649	208-230	0.5	1	CCWSE	PSC	Ball	Open	48GS400106 48GS400649	EA	1



66755

CATALOG NO.	VOLTS	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
66755	115	0.86	1	CWSE	PSC	Ball	309868-755	EA	1



66815

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
66815	208-230	0.48	1	PSC	Ball	Open	48SS400380 48SS400606 50DK406181	EA	1

Notes: 4 MFD/370 Capacitor Required

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
66816	460	0.25	1	PSC	Ball	Open	48SS400381 48SS400607 50DK406182	EA	1

Notes: Includes Gasket



66752

CATALOG NO.	VOLTS	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
66752	115	1.80	1	CWOTE	Shaded Pole	Ball	310371-752	EA	1

DIRECT REPLACEMENT FOR - CARRIER CONT'D | COLEMAN EVCON

Carrier (cont'd) - Draft Inducers

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers



82121

CATALOG NO.	VOLTS	AMPS	SPEEDS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
82121	115	1.10	1	CCWLE	5/16 x 2-1/8	3-3/8	Shaded Pole	Sleeve	Open	8251510431 JA1M086 JA1M147 JA1M147N P251-2916	EA	1
82180	115	1.54	1	CWSE	5/16 x 2-1/8	3-5/8	Shaded Pole	Sleeve	Open	HC24AU725B JA1P053 P251-2307	EA	1



66753

CATALOG NO.	VOLTS	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
66753	115	1.7	1	CWSE	Shaded Pole	Ball	Open	318984-753	EA	1

Notes: Assembly Includes Mounting Bracket, Blower Wheel and Motor. Includes 3 Prong Molex Plug



66765

CATALOG NO.	VOLTS	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
66765	115	0.9/0.48	2	CWSE	PSC	Ball	Open	326628-765	EA	1

Notes: Assembly Includes Mounting Bracket, Blower Wheel and Motor. Includes 3 Prong Molex Plug

Carrier - Blower Wheel



BW16549

CATALOG NO.	DIAMETER	WIDTH	ROTATION	BORE	DIRECT REPLACEMENT FOR	UOM	OM
BW16548	5-3/4	1	CW	5/16	LA21RB548	EA	1
A65569BW	4	1-1/2	CCW	5/16	LA11AA005	EA	1
BW16549	5-1/4	1	CW	5/16	LA21RB549	EA	1
BW11046	4-1/2	1-5/8	CCW	1/4	LAXA046	EA	1

Coleman Evcon - Draft Inducers

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers



65475

CATALOG NO.	VOLTS	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
65475	115	0.4	1	CCWSE	Shaded Pole	Ball	Automatic	373-19801-820 373-19801-8	EA	1

DIRECT REPLACEMENTS FOR: CONSOLIDATED INDUSTRIES | DUNKIRK

Consolidated Industries/Universal - Draft Inducers

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	ROTATION	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
D0960	115	1.5	CWSE	Shaded Pole	Sleeve	Open	Automatic	401450 JA1P090	EA	1

Notes: Includes Gasket



D0960

CATALOG NO.	VOLTS	AMPS	ROTATION	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
D9620	115	1.6	CWSE	Shaded Pole	Sleeve	Open	Thermally	422030 JA1N114	EA	1



D9620

CATALOG NO.	VOLTS	AMPS	ROTATION	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
D959	115	1.05	CWSE	Shaded Pole	Sleeve	Open	Thermally	401570 JA1P082	EA	1



D959

Dunkrik - Draft Inducer

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
82052	115	0.4	1	PSC	Ball	Automatic	433-00-510	EA	1



82052

DIRECT REPLACEMENTS FOR: GOODMAN

Goodman - Draft Inducers

Features

Overload is automatic
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers



66007

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66007	230	.24	1	Shaded Pole	Ball	Open	Automatic	0131G00007 0131G00093S	EA	1



48332

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
48331	115	1.80	1	Shaded Pole	Ball	Open	Automatic	5KSB46GF0001S B4833000	EA	1
48332	115	1.80/1.10	2	Shaded Pole	Ball	Open	Automatic	5KSB46GF0003S B48330001	EA	1

Notes: Includes Rubber Boot



66002

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66002	115	1.20	1	Shaded Pole	Ball	Open	Automatic	0131M00002P 0131M00002S	EA	1

Notes: Includes Gasket



66071

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66071	120	2.8	1	Shaded Pole	Ball	Open	Automatic	071M00000	EA	1



66000

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66000	230	1.4	1	Shaded Pole	Ball	Open	Automatic	0271F00126 702112495	EA	1



66202

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66202	115	1.13/0.56	2	PSC	Ball	Open	Automatic	0131M00003 0131M00003P	EA	1

DIRECT REPLACEMENTS FOR: GOODMAN CONT'D

Goodman (cont'd) - Draft Inducers

Features

Overload is automatic
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66003	115	0.92	1	PSC	Ball	Open	Automatic	11009001, 11009002 11009003	EA	1



66003

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66743	115	1.13/0.56	1	Shaded Pole	Sleeve	Open	Automatic	D9868602	EA	1



66743

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66590	115	1.50	1	Shaded Pole	Ball	Open	Automatic	B4059000, J238-112-11195 7002-3036, J238-11195	EA	1



66590

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66005	115	1.60	1	Shaded Pole	Ball	Open	Automatic	B1859005 J238-11128	EA	1



66005

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A182	115	1.20	1	Shaded Pole	Sleeve	Open	Automatic	B4059000 7002-3036	EA	1



A182

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
82483	115	0.9	1	Shaded Pole	Ball	Open	Automatic	B1859000, B1859000S	EA	1



82483

DIRECT REPLACEMENTS FOR: GOODMAN CONT'D | HEAT N' GLOW | HEIL-QUAKER | ICP

Goodman (cont'd) - Draft Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A140	115	1.40	1	Shaded Pole	Sleeve	Open	Automatic	B2833001S, B2833001 7021-9000, 7021-9087 FB-RFB140	EA	1



A140

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A162	208-230	0.50	1	Shaded Pole	Sleeve	Open	Automatic	B295900, 7021-8656	EA	1



A162

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66121	230	0.22	1	PSC	Ball	Open	Automatic	0131M00121P 0131M00121S	EA	1



66121

Heat n' Glow - Draft Inducer

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
A133	115	0.70	1	Shaded Pole	Open	7002-1241	EA	1



A133

Heil-Quaker - Draft Inducer

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A064	115	0.70	1	Shaded Pole	Sleeve	Open	Automatic	608971	EA	1



A064

ICP - Draft Inducers

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66338	115	2.40	1	Shaded Pole	Ball	Totally Enclosed	Automatic	1012002, 1013388A 1014338	EA	1



66338

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A173	115	0.80	1	PSC	Open	Ball	Automatic	1011350, HQ1011350 HQ1011350FA, R7-RFB350	EA	1



A173

DIRECT REPLACEMENTS FOR: ICP CONT'D

ICP (cont'd) - Draft Inducers

Features

Overload is automatic
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A307	115	0.70	1	PSC	Sleeve	Open	Automatic	1149097 1008416P	EA	1



A307

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A134	115	1.50	1	Shaded Pole	Sleeve	Open	Automatic	1010238P, 1010324, 1708-607 1708-607P, R7-RFB134, 7021-7700, 7021-8735, 7021-8736, 7021-9335	EA	1



A134

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66350	115	0.92	1	PSC	Ball	Open	Automatic	1000814, 1001371, 1001609, 1002543, 1007360, 1011350 1150474, HQ1011350	EA	1

Notes: 5MFD Capacitor



66350

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A170	115	2.30	1	Shaded Pole	Ball	Open	Automatic	1010312, 1010526, 1010928 1011095, 1011097, 1011409 1164280	EA	1
A171	115	0.70	1	PSC	Ball	Open	Automatic	1010491, 1010527P 1011096, 1011410	EA	1



A170

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
82148	208-230	0.16	PSC	Ball	Open	Automatic	1054268P	EA	1



82148

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A172	115	1.60	1	Shaded Pole	Ball	Open	Automatic	1010975, 1010975P	EA	1



A172

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66833	115	1.60	1	Shaded Pole	Ball	Open	Automatic	1010324,1010238P 1013833	EA	1



66833

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

DIRECT REPLACEMENTS FOR: ICP CONT'D | JOHNSON | LENNOX

ICP (cont'd) - Draft Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A148	208-230	0.50	1	Shaded Pole	Sleeve	Open	Automatic	1054268P, 7021-7617 7021-9237, HQ1054268FA	EA	1



A148

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ROTATION	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66420	208-230	0.46	1	PSC	Ball	CCWSE	Automatic	1178420	EA	1
66421	208-230	0.68	1	PSC	Ball	CCWSE	Automatic	1178421	EA	1



66421

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66254	230	0.30	1	PSC	Ball	Open	Automatic	1110008, 1085571 1085571P, 7021-10048 7021-10580	EA	1



66254

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
82672	115	0.90	Shaded Pole	Ball	Open	Automatic	1006168	EA	1



82672

Johnson - Draft Inducers

Features

1 Speed
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66093	120	0.43	1	Shaded Pole	Ball	Open	Automatic	80C93	EA	1



66093

Lennox - Draft Inducers

Features

1 Speed
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ROTATION	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66300	120	0.5	1	PSC	Ball	CWSE	Open	Automatic	7021-8473, 20J89, 76714300	EA	1



66300

DIRECT REPLACEMENTS FOR: LENNOX CONT'D | NORDYNE

Lennox (cont'd) - Draft Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A163	115	1.80	1	Shaded Pole	Ball	Open	Automatic	67K0401, 67K0401P 7021-9450, FB-RFB547	EA	1


A163

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66501	115	1.20	1	Shaded Pole	Ball	Open	Automatic	31L5501, 101202-01, 24W95 7002-2975, 102359-01	EA	1


66501

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A200	115	1.35	1	Shaded Pole	Sleeve	Open	Automatic	313L5501, 7002-2975	EA	1


A200

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A155	115	1.40	1	Shaded Pole	Ball	Open	Automatic	7021-10046	EA	1


A155

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66401	120	1.30	1	Shaded Pole	Ball	Open	Automatic	88K8401, J238-087-8171	EA	1


66401

Nordyne - Draft Inducers

Features

1 Speed
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
65404	120	0.3	1	Shaded Pole	Sleeve	Open	Automatic	903404	EA	1


65404

CATALOG NO.	VOLTS	AMPS	ROTATION	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
66567	115	0.43	CCWSE	PSC	Ball	Open	622567	EA	1


66567

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66798	115	2.35	PSC	Ball	Open	Automatic	100344	EA	1


66798

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

DIRECT REPLACEMENTS FOR: RHEEM

Rheem - Draft Inducers

Features

1 Speed
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for
OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	ROTATION	SHAFT DIMENSION (IN.)	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
K628	208-230	0.25	CW	1/4 x 1-1/2	Shaded Pole	Sleeve	Open	Automatic	51-21964-01 51-21964-11	EA	1

Notes: C-Frame motor with centrifugal switch



K628

CATALOG NO.	VOLTS	AMPS	ROT	SHAFT DIMENSION (IN.)	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
21964K	208-230	0.25	CW	1/4 x 1-1/2	Shaded Pole	Sleeve	Open	Automatic	51-21964-11	EA	1

Notes: C-Frame motor with centrifugal switch. This Kit contains one motor and three fan blades each with 10 blades and ¼" diameter bore, in diameters of 3", 3 ½", and 4"



21964K

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A241	208-230	0.62	Shaded Pole	Sleeve	Open	Automatic	70-23641-81	EA	1



A241

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66847	120	1.70	Shaded Pole	Ball	Open	Automatic	117104-01, 117847-07 70-22838-82, 70-24157-03	EA	1



66847

DIRECT REPLACEMENTS FOR: RHEEM CONT'D | RHEEM-RUUD

Rheem (cont'd) - Draft Inducers

Features

1 Speed
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for
OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ROT	ENCL.	DIAM.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
82641	460	0.35	Shaded Pole	Sleeve	CWSE	Open	3.3"	Automatic	70-23641-81	EA	1

Notes: Includes Gasket and Cap



82641

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66781	115	0.60	PSC	Ball	Open	Automatic	70-101087-81 7021-11559	EA	1



66781

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A090	115	1.10	Shaded Pole	Sleeve	Open	Automatic	70-21496-01, 7021-5239 JAIM102	EA	1



A090

CATALOG NO.	VOLTS	AMPS	ROTATION	TYPE	BEARINGS	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66181	115	0.92	CWSE	PSC	Ball	Automatic	70-102691-81 7062-6268	EA	1

Notes: Includes Gasket, 4MFD/250V Cap Required



66181

Rheem-Ruud - Draft Inducers

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
D673	115	0.95	Shaded Pole	Sleeve	Open	Thermally	51-21496-01	EA	1



D673

DIRECT REPLACEMENTS FOR: TRANE

Trane - Draft Inducers

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers



66128

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ROTATION	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66128	208-230	0.19	PSC	Ball	CCWSE	Open	Automatic	7021-7833 BLW01310	EA	1

Notes: Capacitor and Gasket Included



66311

CATALOG NO.	VOLTS	AMPS	ROTATION	SPEEDS	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
66311	208/230	0.21/0.16	CCWSE	2	PSC	Ball	BLW01311 D965130P01	EA	1

Notes: Includes 1.5MFD/450VAC Capacitor, 2 Speed Molex Plug and Gasket



66787

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
66787	120	1.3	1	Shaded Pole	Ball	Open	D330787P01, D330809P01 BLW473, X38040305010 X38040305017	EA	1

Notes: Includes Special Plug



A150

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
A150	208-230	0.50	1	Shaded Pole	Sleeve	Open	C661452P01 X38080029010	EA	1



A192

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
A192	115	1.00	1	Shaded Pole	Ball	Open	X38040253057, 7021-8569	EA	1



A143

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
A143	115	0.95	1	Shaded Pole	Sleeve	Open	210330673, 210340125 X38040305017, 7021-8428 D330809P01, R7-RFB143	EA	1

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DIRECT REPLACEMENTS FOR: WEIL McCLAIN | YORK

Weil McClain - Draft Inducers

Features

Overload is automatic
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers



66312

CATALOG NO.	VOLTS	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCLOSURE	DIRECT REPLACEMENT FOR	UOM	OM
66312	115	1.8	1	CWSE	PSC	Ball	Open	510-312-312	EA	1

York - Draft Inducers

Features

1 Speed
60 Hertz

Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers



A225

CATALOG NO.	VOLTS	AMPS	SPEEDS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A225	115	2.25	1	Shaded Pole	Ball	Open	Automatic	7021-11577, 17503 7021-11577S, 7021-11830 024-34558-000	EA	1



A137

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A137	115	0.70	PSC	Sleeve	Open	Automatic	7062-2442, 7062-3342 7062-3484	EA	1



A165

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A165	115	0.70	PSC	Ball	Open	Automatic	024-25960-000, 7062-3958	EA	1



A223

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A223	208-230	0.64	Shaded Pole	Sleeve	Open	Automatic	026-33999-001	EA	1
A225	115	2.25	Shaded Pole	Ball	Open	Automatic	7021-11577, 17503 7021-11577S, 7021-11830 024-34558-000	EA	1



82999

CATALOG NO.	VOLTS	AMPS	TYPE	BEARINGS	ENCLOSURE	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
82999	208-230	0.64	Shaded Pole	Sleeve	Open	Automatic	026-33999-001	EA	1

Notes: Includes Gasket

DIRECT REPLACEMENTS FOR: YORK CONT'D | FASCO

York (cont'd) - Draft Inducers

Features

1 Speed
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	AMPS	ROTATION	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A984	115	2.63	CCWOSE	Shaded Pole	Ball	Enclosed	Automatic	341449 7058-1023	EA	1



A984

CATALOG NO.	VOLTS	AMPS	ROTATION	TYPE	BEARINGS	ENCL.	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
82702	115	1.2	CCWSE	Shaded Pole	Sleeve	Open	Automatic	373-10337-702 7021-8612	EA	1



82702

Fasco - Draft Inducers

Features

1 Speed
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
A203	115	3400	1.80	1	CCW	Shaded Pole	Ball	EA	1



A203

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
A202	115	3400	1.80	1	CCW	Shaded Pole	Ball	EA	1



A202

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
50748D500	65	115	2900	0.81	1	CW/CCW	Shaded Pole	Sleeve	EA	1



50748D500

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
50746D500	120	115	3100	0.72	1	CW/CCW	Shaded Pole	Sleeve	EA	1



50746D500

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	TYPE	BEARINGS	UOM	OM
50747D401	60	115	3200	0.49	1	Shaded Pole	Sleeve	EA	1



50747D401

DIRECT REPLACEMENTS FOR: FASCO CONT'D

Fasco - Draft Inducers

Features

1 Speed
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for
OEM Gas Furnace Inducers

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	TYPE	BEARINGS	UOM	OM
50755D500	160	115	1600	1.00	1	Shaded Pole	Sleeve	EA	1



50755D500

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	TYPE	BEARINGS	UOM	OM
50752D500	135	115	3100	1.1	1	Shaded Pole	Sleeve	EA	1



50752D500

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
A167	30	115	2900	0.4	1	CW	Shaded Pole	Sleeve	EA	1



A167

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
B30	45	115	3200	0.59	1	CW	Shaded Pole	Sleeve	EA	1



B30

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
A071	71	115	2850	0.7	1	CCW	Shaded Pole	Sleeve	EA	1



A071

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
A082	75	115	2800	0.95	1	CW	Shaded Pole	Sleeve	EA	1



A082

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM AT FREE AIR	AMPS AT FREE AIR	HERTZ	UOM	OM
A166	115	115	3200	1.40	50/60	EA	1



A166

DIRECT REPLACEMENTS FOR: FASCO CONT'D

Fasco (cont'd) - Draft Inducers

Features

1 Speed
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for
OEM Gas Furnace Inducers

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
A125	125	115	3200	1.1	1	CW/CCW	Shaded Pole	Sleeve	EA	1



A125

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
B24220	135	115	2600	1.3	1	CW	Shaded Pole	Sleeve	EA	1



B24220

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM AT FREE AIR	AMPS AT FREE AIR	SPEEDS	BEARINGS	HERTZ	UOM	OM
B47120	180	115	1360/1100/830	1.95	3	Sleeve	60	EA	1



B47120

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
A212	212	115	2500	1.25	1	CW/CCW	Shaded Pole	Sleeve	EA	1



A212

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
B45227	265	115	1650	1.86	1	CW	Shaded Pole	Sleeve	EA	1



B45227

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
B45227-2	265	230	1650	0.93	1	CW	Shaded Pole	Sleeve	EA	1



B45227-2

DIRECT REPLACEMENTS FOR: FASCO CONT'D

Fasco - Draft Inducers



Features

1 Speed
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	UOM	OM
B45230	460	208-230	1600/1400	1.2	2	CCW	Shaded Pole	Sleeve	EA	1



B45267

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM	AMPS	SPEEDS	BEARING	HERTZ	UOM	OM
B45267	460	115	1600/1400	2.90	2	Sleeve	60	EA	1

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DIRECT REPLACEMENTS FOR: BRADFORD WHITE | STATE IND.

Bradford White Replacements



W11

Features

Overload is automatic
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
W11	1/12	120	3000	3.1	1	CW	SP	Ball	Tot. Encl.	265-45584-00	EA	1

DIRECT REPLACEMENTS FOR: TRANSFLOW BLOWERS

Transflow Blowers



B22505

Features

Overload is automatic
60 Hertz
Carefully sourced based on the original equipment specifications
Cross reference information aides in draft inducer selection

Applications

Direct Replacements for OEM Gas Furnace Inducers

CATALOG NO.	NAMEPLATE CFM	VOLTS	RPM AT FREE AIR	AMPS AT FREE AIR	SPEEDS	TYPE	ENCL.	HERTZ.	OVERLOAD	PHASE	UOM	OM
B22505	80	115	3200	0.55	1	Shaded Pole	Open	50/60	Automatic	1	EA	1
B22507	115	115	3100	0.85	1	Shaded Pole	Open	50/60	Automatic	1	EA	1

RUN CAPACITORS

Titan HD® Motor Run Capacitors - Single Section - Oval

Features
Manufactured to EIA-456A standards
Soybean oil filled aluminum can
UL 810 fault current protection
RoHS compliant
Made in USA
60,000 hours operational life

Part Numbering System - Oval
P: Packard
O: Oval Case
C: Capacitor
F: AC Volt: Blank = 370 / F = 440/370
D: Section: Blank = Single / D = Dual
MFD: 105 = 10 + 5
A: American

10 YEAR WARRANTY



POCF2A

TITAN HD®

CATALOG NO.	MFD	CAN SIZE	----------INDUSTRY NO.'S---------- USA MADE	NON-USA MADE	UOM	OM
Titan HD® 370 Volt - Single Section - Oval						
POC2A	2	1	—	14002	12002	EA	1
POC3A	3	1	—	14003	12003	EA	1
POC4A	4	1	—	14004	12004	EA	1
POC5A	5	1	—	14005	12005	EA	1
POC6A	6	1	—	14006	12006	EA	1
POC7.5A	7.5	1	—	14007	12007	EA	1
POC10A	10	2	USA2037	14008	12008	EA	1
POC12.5A	12.5	2	—	14009	12009	EA	1
POC15A	15	3	—	14010	12010	EA	1
POC17.5A	17.5	3	—	14012	12012	EA	1
POC20A	20	3	—	14014	12014	EA	1
POC25A	25	3	—	14015	12015	EA	1
POC30A	30	3	—	14017	12017	EA	1
POC35A	35	3	—	14018	12018	EA	1
POC40A	40	3	—	14021	12021	EA	1
POC45A	45	4	—	14023	12023	EA	1
POC50A	50	13	—	14025	12025	EA	1
POC55A	55	13	—	—	12024	EA	1
POC60A	60	13	—	—	12087	EA	1
POC70A	70	13	—	14089	12089	EA	1
POC80A	80	13	—	14090	12090	EA	1

CATALOG NO.	MFD	CAN SIZE	----------INDUSTRY NO.'S---------- USA MADE	NON-USA MADE	UOM	OM
Titan HD® 440/370 Volt - Single Section - Oval						
POCF2A	2	1	—	—	12026	EA	1
POCF2.5A	2.5	1	—	—	12019	EA	1
POCF3A	3	1	USA2027	14027	12027	EA	1
POCF4A	4	1	USA2028	14028	12028	EA	1
POCF5A	5	1	USA2029	14029	12029	EA	1
POCF6A	6	1	USA2030	14030	12030	EA	1
POCF7.5A	7.5	2	USA2031	14031	12031	EA	1
POCF10A	10	3	USA2035	14032	12032	EA	1
POCF12.5A	12.5	3	USA2037	14033	12033	EA	1
POCF15A	15	3	—	14034	12034	EA	1
POCF17.5A	17.5	3	—	—	12036	EA	1
POCF20A	20	3	USA2260	14037	12037	EA	1
POCF25B	25	3	USA2040	14040	12040	EA	1
POCF30A	30	4	—	14041	12041	EA	1
POCF35A	35	4	—	14043	12043	EA	1
POCF40A	40	13	—	14045	12045	EA	1
POCF45A	45	13	—	14048	12048	EA	1
POCF50A	50	13	—	14049	12049	EA	1
POCF55A	55	13	—	14050	12050	EA	1
POCF60A	60	14	—	14051	12051	EA	1
POCF70A	70	14	—	—	12130	EA	1
POCF80A	80	14	—	14140	—	EA	1

Notes: Height dimension does not include terminals. Add 1/2" for terminals. Dimensions are subject to change. When dimensions are critical, please call.

RUN CAPACITORS CONT'D

Titan HD® Motor Run Capacitors - Dual Section - Oval

Features
Manufactured to EIA-456A standards
Soybean oil filled aluminum can
UL 810 fault current protection
RoHS compliant
Made in USA
60,000 hours operational life

Part Numbering System - Oval
P: Packard
O: Oval Case
C: Capacitor
F: AC Volt: Blank = 370 / F = 440/370
D: Section: Blank = Single / D = Dual
MFD: 105 = 10 + 5
A: American

10 YEAR WARRANTY



POCD55A

TITAN HD®

CATALOG NO.	MFD	CAN SIZE	----INDUSTRY NO.'S---- USA MADE	NON-USA MADE	UOM	OM
Titan HD® 370 Volt - Dual Section - Oval						
POCD55A	5+5	5	—	—	EA	1
POCD1010A	10+10	5	—	—	EA	1
POCD153A	15+3	12	—	12141	EA	1
POCD154A	15+4	12	—	12056	EA	1
POCD155A	15+5	12	—	12057	EA	1
POCD1510A	15+10	12	—	12058	EA	1
POCD1755A	17.5+5	12	—	12060	EA	1
POCD204A	20+4	12	—	12062	EA	1
POCD205A	20+5	12	—	12063	EA	1
POCD2010A	20+10	12	—	12064	EA	1
POCD2015A	20+15	8	—	12164	EA	1
POCD253A	25+3	12	—	12142	EA	1
POCD254A	25+4	6	—	12065	EA	1
POCD255A	25+5	12	14066	12066	EA	1
POCD2575A	25+7.5	12	—	12143	EA	1
POCD258A	25+8	8	—	12131	EA	1
POCD2510A	25+10	12	—	12167	EA	1
POCD2515A	25+15	8	—	12133	EA	1
POCD303A	30+3	13	—	12144	EA	1
POCD305A	30+5	13	14069	12069	EA	1
POCD3075A	30+7.5	8	—	12146	EA	1
POCD3010A	30+10	13	—	12147	EA	1
POCD353A	35+3	13	—	12148	EA	1
POCD354A	35+4	13	—	12071	EA	1
POCD355A	35+5	13	14072	12072	EA	1
POCD3575A	35+7.5	13	—	12149	EA	1
POCD3510A	35+10	13	—	12150	EA	1
POCD403A	40+3	13	—	12151	EA	1
POCD404A	40+4	9	—	12158	EA	1
POCD405A	40+5	13	14171	12171	EA	1
POCD4075A	40+7.5	13	—	12152	EA	1
POCD4010A	40+10	13	—	12134	EA	1
POCD455A	45+5	13	14174	12174	EA	1
POCD4575A	45+7.5	13	—	12153	EA	1
POCD4510A	45+10	13	—	12136	EA	1
POCD4515A	45+15	13	—	12137	EA	1
POCD505A	50+5	13	—	12138	EA	1
POCD555A	55+5	14	—	12154	EA	1
POCD5575A	55+7.5	14	—	12155	EA	1
POCD605A	60+5	14	—	12139	EA	1
POCD6075A	60+7.5	14	—	12156	EA	1
POCD6010A	60+10	14	—	12157	EA	1

CATALOG NO.	MFD	CAN SIZE	------INDUSTRY NO.'S------ USA MADE	NON-USA MADE	UOM	OM
Titan HD® 440/370 Volt - Dual Section - Oval						
POCFD105A	10+5	5	—	12165	EA	1
POCFD154A	15+4	5	—	12270	EA	1
POCFD155A	15+5	12	—	12271	EA	1
POCFD1510A	15+10	6	—	12177	EA	1
POCFD205A	20+5	12	—	12180	EA	1
POCFD2015A	20+15	13	—	12083	EA	1
POCFD255A	25+5	13	14184	12184	EA	1
POCFD2575A	25+7.5	13	—	12182	EA	1
POCFD2510A	25+10	13	—	12183	EA	1
POCFD2515A	25+15	9	—	12186	EA	1
POCFD304A	30+4	13	—	12181	EA	1
POCFD305A	30+5	13	14187	12187	EA	1
POCFD3075A	30+7.5	13	—	12038	EA	1
POCFD3010A	30+10	13	—	12035	EA	1
POCFD353A	35+3	13	—	12085	EA	1
POCFD354A	35+4	9	—	12179	EA	1
POCFD355A	35+5	13	14185	12185	EA	1
POCFD3575A	35+7.5	13	14188	12188	EA	1
POCFD3510A	35+10	10	—	12272	EA	1
POCFD403A	40+3	12	—	12080	EA	1
POCFD405A	40+5	14	14086	12086	EA	1
POCFD4075A	40+7.5	14	14189	12189	EA	1
POCFD4010A	40+10	14	—	12273	EA	1
POCFD455A	45+5	14	14190	12190	EA	1
POCFD4575A	45+7.5	14	—	12274	EA	1
POCFD505A	50+5	15	—	12108	EA	1
POCFD5075A	50+7.5	15	—	12013	EA	1
POCFD555A	55+5	15	—	12275	EA	1
POCFD5510A	55+10	15	—	12276	EA	1
POCFD605A	60+5	15	—	12109	EA	1
POCFD6510A	65+10	15	—	12101	EA	1
POCFD805A	80+5	16	14297	12297	EA	1
POCFD8075A	80+7.5	16	14298	12298	EA	1

CAN SIZE	DEPTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)
Can Dimensions			
1	1.25	2.00	1.56
2	1.25	2.00	2.19
3	1.25	2.00	2.88
4	1.25	2.00	3.88
5	1.75	2.75	2.38
6	1.75	2.75	2.75
8	1.75	2.75	3.25
9	1.75	2.75	3.75
12	1.75	2.75	2.38
13	1.75	2.75	2.91

CAN SIZE	DEPTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)
Can Dimensions			
14	1.75	2.75	3.91
15	1.75	2.75	4.75
16	1.75	3.54	4.75

Notes:
Height dimension does not include terminals. Add 1/2" for terminals.
Dimensions are subject to change. When dimensions are critical, please call.

RUN CAPACITORS CONT'D

Titan HD® Motor Run Capacitors - Single Section - Round

Features
Manufactured to EIA-456A standards
Soybean oil filled aluminum can
UL 810 fault current protection
RoHS compliant
Made in USA
60,000 hours operational life

Part Numbering System - Round
P: Packard
R: Round Case
C: Capacitor
F: AC Volt: Blank = 370 / F = 440/370
D: Section: Blank = Single / D = Dual
MFD: Ex. 4575 = 45+7.5
A: American



PRC7.5A

TITAN HD®

CATALOG NO.	MFD	CAN SIZE	------INDUSTRY NO.'S------ USA MADE	NON-USA MADE	UOM	OM
Titan HD 370 Volt						
PRC5A	5	1	—	12095	EA	1
PRC7.5A	7.5	1	—	12097	EA	1
PRC10A	10	1	14098	12098	EA	1
PRC12.5A	12.5	1	—	12099	EA	1
PRC15A	15	1	14210	12210	EA	1
PRC17.5A	17.5	1	14212	12212	EA	1
PRC20A	20	1	14214	12214	EA	1
PRC25A	25	1	14215	12215	EA	1
PRC30A	30	1	14217	12217	EA	1
PRC31.5A	31.5	5	—	—	EA	1
PRC35A	35	3	14218	12218	EA	1
PRC40A	40	3	14821	12221	EA	1
PRC45A	45	3	14823	12223	EA	1
PRC50A	50	4	14225	12225	EA	1
PRC55A	55	4	14226	12226	EA	1
PRC60A	60	4	14227	12227	EA	1
PRC70A	70	8	14229	12229	EA	1
PRC80A	80	8	14199	12199	EA	1
PRC100A	100	12	—	12116	EA	1

CATALOG NO.	MFD	CAN SIZE	---------INDUSTRY NO.'S--------- USA MADE		NON-USA MADE	UOM	OM
Titan HD 440/370 Volt							
PRCF5A	5	1	USA2204	14105	12105	EA	1
PRCF7.5A	7.5	1	USA2206	14107	12107	EA	1
PRCF10A	10	1	USA2207	14232	12232	EA	1
PRCF12.5A	12.5	1	USA2208	14833	12233	EA	1
PRCF15A	15	1	USA2209	14234	12234	EA	1
PRCF17.5A	17.5	1	—	—	12236	EA	1
PRCF20A	20	1	USA2211	14237	12237	EA	1
PRCF25A	25	3	USA2212	14240	12240	EA	1
PRCF30A	30	3	USA2213	14241	12241	EA	1
PRCF35A	35	4	USA2214	14243	12243	EA	1
PRCF40A	40	4	USA2215	14245	12245	EA	1
PRCF45A	45	4	USA2216	14248	12248	EA	1
PRCF50A	50	8	USA2217	14251	12251	EA	1
PRCF55A	55	8	USA2218	14252	12252	EA	1
PRCF60A	60	8	USA2219	14254	12254	EA	1
PRCF65A	65	10	USA2220	14256	—	EA	1
PRCF70A	70	10	USA2228	14258	12258	EA	1
PRCF75A	75	10	—	—	—	EA	1
PRCF80A	80	10	USA2229	14259	12259	EA	1
PRCF90A	90	15	—	—	12068	EA	1

RUN CAPACITORS CONT'D

Titan HD® Motor Run Capacitors - Dual Section - Round

Features
Manufactured to EIA-456A standards
Soybean oil filled aluminum can
UL 810 fault current protection
RoHS compliant
Made in USA
60,000 hours operational life

Part Numbering System - Round
P: Packard
R: Round Case
C: Capacitor
F: AC Volt: Blank = 370 / F = 440/370
D: Section: Blank = Single / D = Dual
MFD: Ex. 4575 = 45+7.5
A: American

10 YEAR WARRANTY



PRCD253A

TITAN HD®

CATALOG NO.	MFD	CAN SIZE	------INDUSTRY NO.'S------ USA MADE	NON-USA MADE	UOM	OM
Titan HD® 370 Volt - Dual Section - Round						
PRCD253A	25+3	6	—	12242	EA	1
PRCD254A	25+4	6	—	12175	EA	1
PRCD255A	25+5	6	14261	12261	EA	1
PRCD303A	30+3	6	—	12244	EA	1
PRCD304A	30+4	6	—	12263	EA	1
PRCD305A	30+5	6	14264	12264	EA	1
PRCD3075A	30+7.5	6	—	12224	EA	1
PRCD3010A	30+10	6	—	12228	EA	1
PRCD353A	35+3	6	—	12082	EA	1
PRCD354A	35+4	6	—	12231	EA	1
PRCD355A	35+5	6	14266	12266	EA	1
PRCD3575A	35+7.5	6	—	12235	EA	1
PRCD3510A	35+10	6	—	12238	EA	1
PRCD404A	40+4	6	—	12267	EA	1
PRCD405A	40+5	6	14178	12178	EA	1
PRCD4075A	40+7.5	6	14268	12268	EA	1
PRCD4010A	40+10	6	—	12246	EA	1
PRCD453A	45+3	6	—	12073	EA	1
PRCD455A	45+5	6	14269	12269	EA	1
PRCD4575A	45+7.5	6	14249	12249	EA	1
PRCD4510A	45+10	6	—	12250	EA	1
PRCD503A	50+3	6	—	12075	EA	1
PRCD505A	50+5	6	14191	12191	EA	1
PRCD5075A	50+7.5	6	14192	12192	EA	1
PRCD5010A	50+10	6	14239	12239	EA	1
PRCD555A	55+5	8	14193	12193	EA	1
PRCD5575A	55+7.5	8	14194	12194	EA	1
PRCD5510A	55+10	8	—	12067	EA	1
PRCD605A	60+5	8	14195	12195	EA	1
PRCD6075A	60+7.5	8	14196	12196	EA	1
PRCD6010A	60+10	8	—	12265	EA	1
PRCD805A	80+5	12	14197	12197	EA	1
PRCD8075A	80+7.5	12	14198	12198	EA	1
PRCD8010A	80+10	12	14201	12201	EA	1
PRCD80125A	80+12.5	16	—	12202	EA	1

Notes:
Height dimension does not include terminals. Add 1/2" for terminals.
Dimensions are subject to change. When dimensions are critical, please call.

CAN SIZE	DIA. (IN.)	HEIGHT (IN.)
Can Dimensions		
1	1.75	2.38
2	1.75	2.75
3	1.75	2.84
4	1.75	3.84
6	2	2.91
8	2	3.84
10	2	4.75
12	2.5	2.91
15	2.5	3.91
16	2.5	4.25

CATALOG NO.	MFD	CAN SIZE	----------INDUSTRY NO.'S---------- USA MADE		NON-USA MADE	UOM	OM
Titan HD® 440/370 Volt - Dual Section - Round							
PRCFD105A	10+5	6	—	—	12111	EA	1
PRCFD205A	20+5	6	USA2222	—	12115	EA	1
PRCFD2015A	20+15	6	—	—	12112	EA	1
PRCFD253A	25+3	6	USA2224BA	14353	—	EA	1
PRCFD255A	25+5	6	USA2225	14278	12278	EA	1
PRCFD2575A	25+7.5	6	USA2225B	14279	12279	EA	1
PRCFD2510A	25+10	6	—	—	12113	EA	1
PRCFD2515A	25+15	6	—	—	12114	EA	1
PRCFD303A	30+3	6	USA2227BA	14126	12126	EA	1
PRCFD304A	30+4	6	—	—	12120	EA	1
PRCFD305A	30+5	6	USA2226	14281	12281	EA	1
PRCFD3075A	30+7.5	6	USA2272B	14282	12282	EA	1
PRCFD353A	35+3	8	USA2226BA	14077	12077	EA	1
PRCFD354A	35+4	8	—	14070	12070	EA	1
PRCFD355A	35+5	8	USA2227	14283	12283	EA	1
PRCFD356A	35+6	8	—	—	12119	EA	1
PRCFD3575A	35+7.5	8	USA2291	14284	12284	EA	1
PRCFD3510A	35+10	8	USA2227B	14091	—	EA	1
PRCFD403A	40+3	8	USA2274	14078	12078	EA	1
PRCFD404A	40+4	8	—	—	12285	EA	1
PRCFD405A	40+5	8	USA2235	14286	12286	EA	1
PRCFD406A	40+6	8	—	—	12220	EA	1
PRCFD4075A	40+7.5	8	USA2232	14287	12287	EA	1
PRCFD4010A	40+10	8	USA2232A	14088	—	EA	1
PRCFD453A	45+3	8	USA2236A	14079	12079	EA	1
PRCFD455A	45+5	8	USA2236	14288	12288	EA	1
PRCFD456A	45+6	8	—	—	12127	EA	1
PRCFD4575A	45+7.5	8	USA2233	14289	12289	EA	1
PRCFD4510A	45+10	8	USA2234	14172	—	EA	1
PRCFD505A	50+5	8	USA2237	14290	12290	EA	1
PRCFD5075A	50+7.5	8	USA2238	14291	12291	EA	1
PRCFD5010A	50+10	8	—	14124	—	EA	1
PRCFD555A	55+5	12	USA2240	14292	12292	EA	1
PRCFD5575A	55+7.5	12	USA2218A	14293	12293	EA	1
PRCFD5510A	55+10	12	USA2218BA	14299	12799	EA	1
PRCFD605A	60+5	12	USA2220B	14294	12294	EA	1
PRCFD6075A	60+7.5	12	USA2221B	14295	12295	EA	1
PRCFD6010A	60+10	12	USA2221BA	14296	12296	EA	1
PRCFD60125A	60+12.5	15	—	—	12161	EA	1
PRCFD6510A	65+10	15	—	14162	14162	EA	1
PRCFD705A	70+5	15	USA2221	14255	12255	EA	1
PRCFD7075A	70+7.5	15	USA2222A	14166	12166	EA	1
PRCFD7010A	70+10	15	USA2220BA	14169	12169	EA	1
PRCFD805A	80+5	15	USA2222BA	14257	12257	EA	1
PRCFD8075A	80+7.5	15	USA2223B	14216	12216	EA	1
PRCFD8010A	80+10	15	USA2223BA	14117	12117	EA	1

RUN CAPACITORS CONT'D

Titan Pro® Motor Run Capacitors - Round

100% Tested. Every single Titan PRO® capacitor that comes off the line undergoes 100% electrical testing prior to shipping. Accelerated Life Test Data is generated from 2000 hours of testing at 125% voltage rating and 80°C.

Features
60,000 Hours of operating life
Single and dual ratings
Round and oval sizes
Voltage: 370 or 440 (VAC)

Part Numbering System - Round
T: Titan
R: Round Case
C: Capacitor
F: AC Volt: Blank = 370 / F = 440/370
D: Section: Blank = Single / D = Dual
MFD: Ex. 4575 = 45+7.5

5YR WARRANTY



TRCF3

TITAN PRO®

CATALOG NO.	MFD	DIA. (IN.)	HEIGHT (IN.)	INDUSTRY #S.		UOM	OM
Titan Pro® Round - 440/370 Volt - Single Section							
TRCF3	3	1.77	2.17	12103	12803	EA	1
TRCF5	5	1.77	2.17	12105	12095	EA	1
TRCF6	6	1.77	2.17	12106	12096	EA	1
TRCF7.5	7.5	1.77	2.17	12107	12097	EA	1
TRCF10	10	1.77	2.17	12232	12098	EA	1
TRCF12.5	12.5	1.77	2.17	12233	12099	EA	1
TRCF15	15	1.77	2.56	12234	12210	EA	1
TRCF17.5	17.5	1.77	2.76	12236	12212	EA	1
TRCF20	20	1.77	2.95	12237	12214	EA	1
TRCF25	25	1.97	2.95	12240	12215	EA	1
TRCF30	30	1.97	3.35	12241	12217	EA	1
TRCF35	35	1.97	3.54	12243	12218	EA	1
TRCF40	40	1.97	3.94	12245	12221	EA	1
TRCF45	45	1.97	4.33	12248	12223	EA	1
TRCF50	50	1.97	4.72	12251	12225	EA	1
TRCF50B*	50	1.97	4.72	12251	12225	EA	1
TRCF55	55	1.97	4.92	12252	12226	EA	1
TRCF60	60	2.17	4.53	12254	12227	EA	1
TRCF70	70	2.17	4.92	12258	12229	EA	1
TRCF70B*	70	2.17	4.92	12258	12229	EA	1
TRCF80	80	2.50	4.72	12259	12199	EA	1
TRCF80B*	80	2.50	4.72	12259	12199	EA	1
TRCF100	100	2.50	5.31	—	12116	EA	1

Notes:
Height dimension does not include terminals. Add 1/2" for terminals.
Dimensions are subject to change. When dimensions are critical, please call.

CATALOG NO.	MFD	DIA (IN.)	HEIGHT (IN.)	INDUSTRY #S.		UOM	OM
Titan Pro® Round - 440/370 Volt - Dual Section							
TRCFD205	20+5	1.97	3.74	12115	12260	EA	1
TRCFD2015	20+15	1.97	3.94	12112	12209	EA	1
TRCFD255	25+5	1.97	3.54	12278	12261	EA	1
TRCFD2575	25+7.5	1.97	3.74	12279	12262	EA	1
TRCFD2515	25+15	1.97	4.33	12114	—	EA	1
TRCFD303	30+3	1.97	4.33	12126	12244	EA	1
TRCFD305	30+5	1.97	3.94	12281	12264	EA	1
TRCFD3075	30+7.5	1.97	4.13	12282	12224	EA	1
TRCFD353	35+3	2.50	3.74	12077	12082	EA	1
TRCFD354	35+4	1.97	4.53	12070	12231	EA	1
TRCFD355	35+5	1.97	4.13	12283	12266	EA	1
TRCFD3575	35+7.5	2.36	3.54	12284	12235	EA	1
TRCFD403	40+3	2.50	3.74	12078	12074	EA	1
TRCFD405	40+5	2.36	3.54	12286	12178	EA	1
TRCFD4075	40+7.5	2.50	3.74	12287	12268	EA	1
TRCFD4510	45+10	2.50	3.74	12250	12172	EA	1
TRCFD453	45+3	2.50	3.74	12079	12073	EA	1
TRCFD455	45+5	2.50	3.74	12288	12269	EA	1
TRCFD4575	45+7.5	2.50	3.74	12289	12249	EA	1
TRCFD50125	50+12.5	2.50	3.74	—	12253	EA	1
TRCFD503	50+3	2.50	3.74	—	12075	EA	1
TRCFD505	50+5	2.50	3.94	12290	12191	EA	1
TRCFD5075	50+7.5	2.50	3.94	12291	12192	EA	1
TRCFD553	55+3	2.50	4.13	—	—	EA	1
TRCFD555	55+5	2.50	4.13	12292	12193	EA	1
TRCFD5575	55+7.5	2.36	4.33	12293	12194	EA	1
TRCFD603	60+3	2.50	4.33	12160	12076	EA	1
TRCFD605	60+5	2.36	4.33	12294	12195	EA	1
TRCFD6075	60+7.5	2.36	4.53	12295	12196	EA	1
TRCFD6010	60+10	2.50	4.53	12296	12265	EA	1
TRCFD705	70+5	2.50	4.92	12255	12053	EA	1
TRCFD7075	70+7.5	2.50	4.92	12166	12054	EA	1
TRCFD805	80+5	2.50	5.31	12257	12197	EA	1
TRCFD8075	80+7.5	2.50	5.12	12216	12198	EA	1
TRCFD8010	80+10	2.50	5.31	12117	12201	EA	1

RUN CAPACITORS CONT'D

Titan Pro® Motor Run Capacitors - Oval

100% Tested. Every single Titan Pro® capacitor that comes off the line undergoes 100% electrical testing prior to shipping. Accelerated Life Test Data is generated from 2000 hours of testing at 125% voltage rating and 80°C.

Features
60,000 Hours of operating life
Single and dual ratings
Round and oval sizes
Voltage: 370 or 440 (VAC)

Part Numbering System - Oval
T: Titan
O: Oval Case
C: Capacitor
F: AC Volt: Blank = 370 / F = 440/370
D: Section: Blank = Single / D = Dual
MFD: Ex. 4575 = 45+7.5

5YR WARRANTY



TOCF2

TITAN PRO®

CATALOG NO.	MFD	DEPTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	INDUSTRY #S		UOM	OM
Titan Pro® Oval - 440/370 Volt - Single Section								
TOCF2	2	1.24	2.03	2.17	12026	12002	EA	1
TOCF2.5	2.5	1.24	2.03	2.17	12019	—	EA	1
TOCF3	3	1.24	2.03	2.17	12027	12003	EA	1
TOCF4	4	1.24	2.03	2.17	12028	12004	EA	1
TOCF5	5	1.24	2.03	2.17	12029	12005	EA	1
TOCF6	6	1.24	2.03	2.56	12030	12006	EA	1
TOCF7.5	7.5	1.24	2.03	2.17	12031	12007	EA	1
TOCF10	10	1.24	2.03	2.56	12032	12008	EA	1
TOCF12.5	12.5	1.24	2.03	2.95	12033	12009	EA	1
TOCF15	15	1.24	2.03	2.95	12034	12010	EA	1
TOCF17.5	17.5	1.24	2.03	3.74	12036	12012	EA	1
TOCF20	20	1.77	2.80	2.68	12037	12014	EA	1
TOCF25	25	1.77	2.80	3.07	12040	12015	EA	1
TOCF30	30	1.77	2.80	3.46	12041	12017	EA	1
TOCF35	35	1.77	2.80	3.86	12043	12018	EA	1
TOCF40	40	1.77	2.80	4.06	12045	12021	EA	1
TOCF45	45	1.77	2.80	4.45	12048	12023	EA	1
TOCF50	50	1.77	2.80	4.84	12049	12025	EA	1
TOCF55	55	1.77	2.80	5.04	12050	12024	EA	1
TOCF60	60	1.87	3.54	3.78	12051	12087	EA	1
TOCF65	65	1.87	3.54	3.98	—	—	EA	1
Titan Pro® Oval - 480 Volt - Single Section								
TOCF25A	25	1.77	2.80	3.66	—	—	EA	1

CATALOG NO.	MFD	DEPTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	INDUSTRY #S		UOM	OM
Titan Pro® Oval - 440/370 Volt - Dual Section								
TOCFD154	15+4	1.77	2.68	2.68	12270	12056	EA	1
TOCFD155	15+5	1.77	2.68	2.68	12271	12057	EA	1
TOCFD2015	20+15	1.77	2.80	3.86	12083	12164	EA	1
TOCFD255	25+5	1.77	2.80	3.46	12184	12066	EA	1
TOCFD2575	25+7.5	1.77	2.80	3.46	12182	12143	EA	1
TOCFD2510	25+10	1.77	2.80	3.86	12183	12167	EA	1
TOCFD304	30+4	1.77	2.80	3.86	12181	12145	EA	1
TOCFD305	30+5	1.77	2.80	3.86	12187	12069	EA	1
TOCFD3075	30+7.5	1.77	2.80	3.86	12038	12146	EA	1
TOCFD353	35+3	1.77	2.80	4.25	12085	12148	EA	1
TOCFD354	35+4	1.77	2.80	4.25	12179	12071	EA	1
TOCFD355	35+5	1.77	2.80	4.25	12185	12072	EA	1
TOCFD3575	35+7.5	1.77	2.80	4.25	12188	12149	EA	1
TOCFD405	40+5	1.77	2.80	4.65	12086	12171	EA	1
TOCFD4075	40+7.5	1.87	3.54	3.78	12189	12152	EA	1
TOCFD455	45+5	1.77	2.80	5.04	12190	12174	EA	1
TOCFD505	50+5	1.87	3.54	4.37	12108	12138	EA	1
TOCFD555	55+5	1.87	3.54	4.57	12275	12154	EA	1
TOCFD5510	55+10	1.87	3.54	5.16	12276	—	EA	1
TOCFD605	60+5	1.87	3.54	5.55	12109	12139	EA	1

Notes:
Height dimension does not include terminals. Add 1/2" for terminals.
Dimensions are subject to change. When dimensions are critical, please call.

RUN CAPACITORS CONT'D

Titan Pro® 370 Motor Run Capacitors - Round

Features
Tested to 60,000 hours
Built to EIA-465A industry standard for endurance
Meets UL 810 safety standards
100% electrical testing

Part Numbering System - Round
T: Titan
R: Round Case
C: Capacitor
F: AC Volt: Blank = 370 / F = 440/370
D: Section: Blank = Single / D = Dual
MFD: Ex. 4575 = 10+5

5 YR WARRANTY



TRCD1010

TITAN PRO 370

CATALOG NO.	MFD	DIA (IN.)	HEIGHT (IN.)	INDUSTRY #S.	UOM	OM
Titan Pro 370® Round - 370 Volt - Single Section						
TRC5	5	1.77	2.17	12995	EA	1
TRC7.5	7.5	1.77	2.17	12997	EA	1
TRC7.5B*	7.5	1.77	2.17	12997	EA	1
TRC10	10	1.77	2.17	12998	EA	1
TRC12.5	12.5	1.77	2.76	12999	EA	1
TRC15	15	1.77	2.76	12710	EA	1
TRC17.5	17.5	1.77	2.36	12712	EA	1
TRC20	20	1.77	2.95	12714	EA	1
TRC25	25	1.77	2.95	12715	EA	1
TRC30	30	1.97	2.76	12717	EA	1
TRC35	35	1.97	2.95	12718	EA	1
TRC40	40	1.97	3.35	12721	EA	1
TRC45	45	1.97	3.54	12723	EA	1
TRC50	50	1.97	3.74	12725	EA	1
TRC55	55	1.97	3.94	12726	EA	1
TRC60	60	1.97	4.33	12727	EA	1
TRC65	65	1.97	4.33	12128	EA	1
TRC70	70	2.50	3.74	12729	EA	1
TRC80	80	1.97	5.31	12899	EA	1
TRC100	100	2.50	4.33	12116	EA	1

CATALOG NO.	MFD	DIA (IN.)	HEIGHT (IN.)	INDUSTRY #S.	UOM	OM
Titan Pro 370® Round - 370 Volt - Dual Section						
TRCD1010	10+10	1.97	2.56	—	EA	1
TRCD154	15+4	1.97	2.95	12702	EA	1
TRCD155	15+5	1.97	2.95	12703	EA	1
TRCD205	20+5	1.97	3.35	12760	EA	1
TRCD253	25+3	1.97	2.95	12711	EA	1
TRCD254	25+4	1.97	2.95	12875	EA	1
TRCD255	25+5	1.97	3.35	12761	EA	1
TRCD303	30+3	1.97	3.54	12720	EA	1
TRCD304	30+4	1.97	3.15	12763	EA	1
TRCD305	30+5	1.97	3.54	12764	EA	1
TRCD3075	30+7.5	1.97	3.94	12724	EA	1
TRCD353	35+3	1.97	3.94	12730	EA	1
TRCD355	35+5	1.97	3.94	12766	EA	1
TRCD3575	35+7.5	1.97	4.33	12735	EA	1
TRCD403	40+3	1.97	4.13	12739	EA	1
TRCD405	40+5	1.97	4.13	12878	EA	1
TRCD4075	40+7.5	1.97	4.53	12768	EA	1
TRCD455	45+5	1.97	3.94	12769	EA	1
TRCD4575	45+7.5	1.97	4.33	12749	EA	1
TRCD505	50+5	1.97	4.72	12755	EA	1
TRCD5075	50+7.5	1.97	4.92	12192	EA	1
TRCD5010	50+10	1.97	4.53	12757	EA	1
TRCD555	55+5	2.50	3.74	12893	EA	1
TRCD5575	55+7.5	2.50	3.74	12894	EA	1
TRCD605	60+5	2.50	4.13	12895	EA	1
TRCD6075	60+7.5	2.50	4.13	12896	EA	1
TRCD705	70+5	2.50	4.33	12053	EA	1
TRCD7075	70+7.5	2.50	4.33	12054	EA	1
TRCD7010	70+10	2.50	4.72	12055	EA	1
TRCD805	80+5	2.50	4.72	12897	EA	1
TRCD8075	80+7.5	2.50	4.72	12198	EA	1
TRCD8010	80+10	2.50	4.92	12117	EA	1

RUN CAPACITORS CONT'D

Titan Pro® 370 Motor Run Capacitors - Oval

Features
Tested to 60,000 hours
Built to EIA-465A industry standard for endurance
Meets UL 810 safety standards
100% electrical testing

Part Numbering System - Oval
T: Titan
O: Oval Case
C: Capacitor
F: AC Volt: Blank = 370 / F = 440/370
D: Section: Blank = Single / D = Dual
MFD: Ex. 4575 = 10+5

5 YR WARRANTY



TOC12.5

TITAN PRO 370

CATALOG NO.	MFD	DEPTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	INDUSTRY #S	UOM	OM
Titan Pro 370® Oval - 370 Volt - Single Section							
TOC2	2	1.24	2.03	2.17	12902	EA	1
TOC3	3	1.24	2.03	2.17	12903	EA	1
TOC3B*	3	1.24	2.03	2.17	12903	EA	100
TOC4	4	1.24	2.03	2.17	12904	EA	1
TOC5	5	1.24	2.03	2.17	12905	EA	1
TOC5B*	5	1.24	2.03	2.17	12905	EA	100
TOC6	6	1.24	2.03	2.17	12906	EA	1
TOC7.5	7.5	1.24	2.03	2.17	12907	EA	1
TOC7.5B*	7.5	1.24	2.03	2.17	12907	EA	100
TOC10	10	1.24	2.03	2.56	12908	EA	1
TOC10B*	10	1.24	2.03	2.56	12908	EA	100
TOC12.5	12.5	1.24	2.03	2.95	12909	EA	1
TOC15	15	1.24	2.03	2.95	12910	EA	1
TOC17.5	17.5	1.24	2.03	3.35	12912	EA	1
TOC20	20	1.77	2.80	2.68	12914	EA	1
TOC25	25	1.77	2.80	2.68	12915	EA	1
TOC30	30	1.77	2.80	2.87	12917	EA	1
TOC35	35	1.77	2.80	3.27	12918	EA	1
TOC40	40	1.77	2.80	3.46	12921	EA	1
TOC45	45	1.77	2.80	3.66	12923	EA	1
TOC50	50	1.77	2.80	3.86	12925	EA	1
TOC55	55	1.87	3.54	2.99	12924	EA	1
TOC60	60	1.77	2.80	4.45	12987	EA	1
TOC70	70	1.87	3.54	3.39	12989	EA	1
TOC80	80	1.87	3.54	3.78	12990	EA	1

CATALOG NO.	MFD	DEPTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	INDUSTRY #S	UOM	OM
Titan Pro 370® Oval - 370 Volt - Dual Section							
TOCD55	5+5	1.77	2.80	2.09	—	EA	1
TOCD1010	10+10	1.77	2.80	2.87	—	EA	1
TOCD153	15+3	1.77	2.80	2.87	12841	EA	1
TOCD155	15+5	1.77	2.80	2.68	12957	EA	1
TOCD255	25+5	1.77	2.80	3.07	12966	EA	1
TOCD305	30+5	1.77	2.80	3.27	12969	EA	1
TOCD353	35+3	1.77	2.80	3.46	12848	EA	1
TOCD355	35+5	1.77	2.80	3.46	12972	EA	1
TOCD405	40+5	1.77	2.80	3.86	12871	EA	1
TOCD455	45+5	1.77	2.80	4.25	12874	EA	1

Notes:
- Height dimension does not include terminals. Add 1/2" for terminals.
- Please call when dimensions are critical.
- *Bulk - in multiples of 100

RUN CAPACITORS CONT'D

Motor Run Capacitors Round - 370VAC

This dual capacitance round metal can capacitors are designed for continuous run.



3GR0425

CATALOG NO.	UF	UOM	ORDER MULTIPLE
3GR0515	15+5	EA	1
3GR0520	20+5	EA	1
3GR0325	25+3	EA	1
3GR0425	25+4	EA	1
3GR0525	25+5	EA	1
3GR0330	30+3	EA	1
3GR0530	30+5	EA	1
3GR7530	30+7.5	EA	1
3GR0335	35+3	EA	1
3GR0435	35+4	EA	1
3GR0535	35+5	EA	1
3GR1035	35+10	EA	1
3GR0340	40+3	EA	1
3GR0540	40+5	EA	1
3GR7540	40+7.5	EA	1
3GR0545	45+5	EA	1
3GR0550	50+5	EA	1
3GR0555	55+5	EA	1
3GR7555	55+7.5	EA	1
3GR0560	60+5	EA	1
3GR7560	60+7.5	EA	1
3GR0570	70+5	EA	1
3GR0580	80+5	EA	1
3GR7580	80+7.5	EA	1
3GR1080	80+10	EA	1

*100 per pack

Motor Run Capacitors Oval - 370VAC

Dual capacitance. Oval, metal can.



3GJ0515

CATALOG NO.	UF	UOM	ORDER MULTIPLE
3GJ0515	15+5	EA	1
3GJ0520	20+5	EA	1
3GJ1520	20+15	EA	1
3GJ0525	25+5	EA	1
3GJ1025	25+10	EA	1
3GJ0330	30+3	EA	1
3GJ0530	30+5	EA	1
3GJ7530	30+7.5	EA	1
3GJ0535	35+5	EA	1
3GJ7535	35+7.5	EA	1
3GJ0540	40+5	EA	1
3GJ0545	45+5	EA	1
3GJ0555	55+5	EA	1
3GJ1060	60+10	EA	1

*Compact size, ideal for swimming pool motors.

RUN CAPACITORS CONT'D

Motor Run Capacitor - 440VAC

Dual capacitance. Round, metal can.



4JR0525

CATALOG NO.	UF	UOM	ORDER MULTIPLE
4JR0520	20+5	EA	1
4JR0525	25+5	EA	1
4JR0530	30+5	EA	1
4JR7530	30+7.5	EA	1
4JR0535	35+5	EA	1
4JR7535	35+7.5	EA	1
4JR0440	40+4	EA	1
4JR0540	40+5	EA	1
4JR0545	45+5	EA	1
4JR0550	50+5	EA	1
4JR0555	55+5	EA	1
4JR1055	55+10	EA	1
4JR7555	55+7.5	EA	1
4JR0560	60+5	EA	1
4JR7560	60+7.5	EA	1
4JR1060	60+10	EA	1
4JR7580	80+7.5	EA	1

Motor Run Capacitor - 440VAC

Dual capacitance. Oval, metal can.



4JJ0525

CATALOG NO.	UF	UOM	ORDER MULTIPLE
4JJ0525	25+5	EA	1
4JJ0530	30+5	EA	1
4JJ0535	35+5	EA	1
4JJ0540	40+5	EA	1
4JJ0545	45+5	EA	1
4JJ0555	55+5	EA	1
4JJ7535	35+7.5	EA	1
4JJ7540	40+7.5	EA	1
4JJ7545	45+7.5	EA	1
4JJ1055	55+10	EA	1
4JJ0560	60+5	EA	1

Made in the U.S.A. Capacitors Round Metal Can

Line of made in the USA capacitors featuring dual voltage for both 370V and 440V applications. Designed specifically for the demands of aftermarket service parts.



4JR0535U

CATALOG NO.	VOLTAGE	UF	UOM	ORDER MULTIPLE
4JR0525U	370V/440V	25+5	EA	1
4JR0530U	370V/440V	30+5	EA	1
4JR7530U	370V/440V	30+7.5	EA	1
4JR7535U	370V/440V	35+7.5	EA	1
4JR0545U	370V/440V	45+5	EA	1
4JR0555U	370V/440V	55+5	EA	1
4JR0580U	370V/440V	80+5	EA	1

LIGHTING CAPACITORS

Lighting Capacitors: Oil-Filled and Dry AC Film For HID Lighting Applications



PLCO24400W

Packard

Applications
High Intensity Discharge (HID) lighting applications
Other high voltage ballast applications

Features
Constructed with specially formulated metallized polypropylene film
Designed to operate in the high temperature environments found in typical HID lighting fixtures
Endsprayed with zinc
Epoxidized Soybean Oil (ESO) filled
Round and oval metal case
Voltage ranges from 330 VAC to 525 VAC
Operating temperature to 90°C
Manufactured to EIA-456A
ROHS compliant

CATALOG NO.	MFD	VOLTS	HERTZ	SHAPE	DIAMETER (IN.)	HEIGHT (IN.)	WIDTH (IN.)	DEPTH (IN.)	UOM	OM
PLCO24400W	24	400	50/60	Oval	—	3.13	2.75	1.75	EA	1
PLCO24480W	24	480	50/60	Oval	—	3.88	2.75	1.75	EA	1
PLCO26525W	26	525	50/60	Oval	—	4.25	2.75	1.75	EA	1

DRY CELL CAPACITORS

Packard Dry AC Film Capacitors



PLCR10330D

Packard

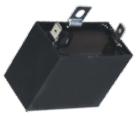
Applications
High Intensity Discharge (HID) lighting applications
Other high voltage ballast applications

Features
Constructed with specially formulated metallized polypropylene film
Designed to operate in the high temperature environments found in typical HID lighting fixtures
Endsprayed with zinc
Manufactured to EIA-456A
Filled with epoxy
Round plastic case
Voltage ranges from 240 VAC to 400 VAC
Operating temperature to 105°C
8 inch, 18 AWG standard copper wire leads
ROHS compliant

CATALOG NO.	MFD	VOLTS	HERTZ	SHAPE	DIA. (IN.)	HEIGHT (IN.)	WIDTH (IN.)	DEPTH (IN.)	UOM	OM
PLCR10330D	10	330	50/60	Round	1.58	2.68	—	—	EA	1
PLCR15400D	15	400	50/60	Round	1.58	3.62	—	—	EA	1
PLCR24400D	24	400	50/60	Round	1.77	4.61	—	—	EA	1

DRY CELL CAPACITORS CONT'D

Packard Dry AC Motor Run Capacitors



PDC10

Features

Commonly used on motors in fans, pumps and blowers
Constructed with Self-Healing Dielectric Metalized Polypropylene Film
1/4 inch blade quick connect terminals; Metal tab mounting bracket
Operating temperature range: -40ºC to85ºC (-40ºF to 185ºF)
Capacitance tolerance: +/-5%
Plastic ABS case
RoHS compliant
2 Blade Quick Connect Terminals

CATALOG NO.	MFD	VAC	HERTZ	SHAPE	HEIGHT (IN.)	LENGTH (IN.)	WIDTH (IN.)	WEIGHT (LBS)	TEMP. RANGE (C)	CONSTRUCTION	FOR USE WITH	UOM	OM
PDC2	2	370	50/60	Rectangle	1.80	0.79	1.50	0.05	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDC3	3	370	50/60	Rectangle	1.80	0.79	1.50	0.06	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDC4	4	370	50/60	Rectangle	2.00	0.94	2.00	0.06	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDC5	5	370	50/60	Rectangle	2.00	0.94	2.00	0.06	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDC7.5	7.5	370	50/60	Rectangle	2.20	1.10	1.92	0.09	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDC8	8	370	50/60	Rectangle	2.20	1.10	1.92	0.09	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDC10	10	370	50/60	Rectangle	2.44	1.25	2.36	0.10	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDC12.5	12.5	370	50/60	Rectangle	2.44	1.25	2.36	0.12	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDC15	15	370	50/60	Rectangle	2.44	1.25	2.36	0.13	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDCF2	2	440	50/60	Rectangle	1.80	0.79	1.50	0.05	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDCF3	3	440	50/60	Rectangle	1.80	0.79	1.50	0.06	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDCF4	4	440	50/60	Rectangle	2.00	0.94	2.00	0.06	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDCF5	5	440	50/60	Rectangle	2.00	0.94	2.00	0.06	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDCF7.5	7.5	440	50/60	Rectangle	2.20	1.10	1.92	0.09	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDCF8	8	440	50/60	Rectangle	2.20	1.10	1.92	0.09	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDCF10	10	440	50/60	Rectangle	2.44	1.25	2.36	0.11	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDCF12.5	12.5	440	50/60	Rectangle	2.44	1.25	2.36	0.12	-40 to 85	Plastic ABS case	Electric Motors	EA	1
PDCF15	15	440	50/60	Rectangle	2.44	1.25	2.36	0.14	-40 to 85	Plastic ABS case	Electric Motors	EA	1

Packard Mini-Split Dry Cell Capacitors



PMSCF1

Features

Specifically designed for Mini-Splits and other equipment with confined space
Constructed with Self-Healing Dielectric Metalized Polypropylene Film
2 - 1/4 inch QC terminals
Plastic mounting foot
Temperature range: -40°C to 85°C
(-40°F to 185°F)
Capacitance tolerance: +/- 5%
Protected 10,000 AFC
RoHS compliant

CATALOG NO.	MFD	VAC	HERTZ	HEIGHT (IN.)	LENGTH (IN.)	WIDTH (IN.)	WEIGHT (LBS.)	UOM	OM
PMSCF1	1	450	50/60	1.10	1.46	0.55	0.06	EA	1
PMSCF1.5	1.5	450	50/60	1.10	1.46	0.55	0.06	EA	1
PMSCF2	2	450	50/60	1.22	1.50	0.75	0.07	EA	1
PMSCF2.5	2.5	450	50/60	1.22	1.50	0.75	0.07	EA	1
PMSCF3	3	450	50/60	1.22	1.50	0.75	0.08	EA	1
PMSCF3.5	3.5	450	50/60	1.34	1.46	0.87	0.10	EA	1
PMSCF4	4	450	50/60	1.34	1.46	0.87	0.11	EA	1
PMSCF5	5	450	50/60	1.34	1.85	0.87	0.12	EA	1
PMSCF6	6	450	50/60	1.34	1.85	0.87	0.13	EA	1

START CAPACITORS

Motor Start Capacitors – 330 VAC

Variable capacitance. Round, plastic can.



72-88330

CATALOG NO.	UF	UOM	ORDER MULTIPLE
72-88330	72-88	EA	1

Motor Start Capacitors – 220/250 VAC

Variable capacitance. Round, plastic can.



72-88220

CATALOG NO.	UF	UOM	ORDER MULTIPLE
72-88220	72-88	EA	1

Titan Pro Start Capacitors With Resistors

Features

Most popular Start Capacitor with resistors to use in compressor applications

Includes 15,000 OHM resistor

Dry, electrolytic, non-polarized capacitors for intermittent duty in AC motor starting circuits

Cases are made of moisture and oil resistant molded phenolic resin or plastic

Standard dual blade terminals
Operating temperature range: -40°C to 65°C (-40°F to 149°F)
UL and cUL recognized
Rated 3-second start
20 Starts per hour
50/60 Hertz



TSMJ243R

TITAN PRO®

CATALOG NO.	MFD	VOLTAGE	CASE SIZE	UOM	OM
TSMJ243R	243-292	165	4	EA	1
TSMJ270R	270-324	165	4	EA	1
TTMJ88R	88-108	220-250	4	EA	1
TTMJ145R	145-174	220-250	4	EA	1
TTMJ161R	161-193	220-250	6	EA	1
TTMJ189R	189-227	220-250	6	EA	1
TRMJ72R	72-88	330	4	EA	1
TRMJ88R	88-108	330	6	EA	1
TRMJ108R	108-130	330	4	EA	1
TRMJ145R	145-174	330	7	EA	1
TRMJ216R	216-259	330	8	EA	1
TRMJ270R	270-324	330	8	EA	1

Notes:
Please call when dimensions are critical.

START CAPACITORS CONT'D

Titan Pro Start Capacitors

Features

Dry, electrolytic
Non-polarized capacitors for intermittent duty in AC motor starting circuits
Cases are made of moisture and oil resistant molded
Phenolic resin or plastic
Standard dual blade
Terminals

Operating temperature range:
-40°C to 65°C (-40°F to 149°F)
UL and cUL recognized
Rated 3-second start
20 Starts per hour
50/60 Hertz



TSMJ72

TITAN PRO®

CATALOG NO.	MFD	CASE SIZE	INDUSTRY NO.	UOM	OM
Titan Pro 110-125 VAC					
TMJ21	21-25	1	11002	EA	1
TMJ25	25-30	1	11003	EA	1
TMJ30	30-36	1	11004	EA	1
TMJ36	36-43	1	11005	EA	1
TMJ43	43-53	1	11006	EA	1
TMJ47	47-56	1	—	EA	1
TMJ56	56-75	1	11007	EA	1
TMJ64	64-77	1	—	EA	1
TMJ72	72-88	1	11008	EA	1
TMJ88	88-108	1	11009	EA	1
TMJ108	108-130	1	11010	EA	1
TMJ124	124-149	1	11112	EA	1
TMJ130	130-156	1	11112	EA	1
TMJ145	145-174	1	11013	EA	1
TMJ161	161-193	1	11014	EA	1
TMJ189	189-227	1	11015	EA	1
TMJ200	200-240	1	11016	EA	1
TMJ216	216-259	1	11017	EA	1
TMJ216A	216-259	2	11017	EA	1
TMJ233	233-280	1	10018	EA	1
TMJ233A	233-280	2	10018	EA	1
TMJ243	243-292	1	—	EA	1
TMJ243A	243-292	2	—	EA	1
TMJ270	270-324	1	11019	EA	1
TMJ270A	270-324	2	11019	EA	1
TMJ295	295-354	1	—	EA	1
TMJ300	300-360	3	11020	EA	1
TMJ324	324-388	1	11021	EA	1
TMJ324A	324-388	4	11021	EA	1
TMJ324B	324-388	2	11021	EA	1
TMJ340	340-408	2	11022	EA	1
TMJ340A	340-408	4	11022	EA	1
TMJ378	378-455	2	11023	EA	1
TMJ378A	378-455	4	11023	EA	1
TMJ400	400-480	2	11024	EA	1
TMJ400A	400-480	4	11024	EA	1
TMJ430	430-516	2	—	EA	1
TMJ430A	430-516	4	—	EA	1
TMJ430B	430-516	6	—	EA	1
TMJ460	460-552	2	11025	EA	1
TMJ460A	460-552	4	11025	EA	1
TMJ460B	460-552	5	11025	EA	1
TMJ540	540-648	5	11026	EA	1
TMJ540A	540-648	4	11026	EA	1
TMJ590	590-708	5	11027	EA	1
TMJ590A	590-708	4	11027	EA	1
TMJ645	645-774	5	—	EA	1
TMJ708	708-850	5	11028	EA	1
TMJ708A	708-850	7	11028	EA	1
TMJ708B	708-850	4	11028	EA	1
TMJ800	800-960	4	—	EA	1
TMJ815	815-978	5	—	EA	1
TMJ829	829-995	5	11029	EA	1
TMJ829A	829-995	7	11029	EA	1
TMJ850	850-1020	7	—	EA	1
TMJ860	860-1032	4	—	EA	1
TMJ1000	1000-1200	7	11030	EA	1
TMJ1290	1290-1548	7	—	EA	1

CATALOG NO.	MFD	CASE SIZE	INDUSTRY NO.	UOM	OM
Titan Pro 165 VAC					
TSMJ72	72-88	1	—	EA	1
TSMJ88	88-108	1	—	EA	1
TSMJ108	108-130	1	—	EA	1
TSMJ124	124-149	1	11031	EA	1
TSMJ130	130-156	2	—	EA	1
TSMJ145	145-174	2	11032	EA	1
TSMJ161	161-193	2	11033	EA	1
TSMJ189	189-227	2	11034	EA	1
TSMJ216	216-259	4	—	EA	1
TSMJ233	233-280	4	11035	EA	1
TSMJ243	243-292	4	—	EA	1
TSMJ270	270-324	4	11036	EA	1
TSMJ340	340-408	4	—	EA	1
TSMJ378A	378-455	5	—	EA	1
TSMJ400	400-480	4	11037	EA	1
TSMJ540	540-648	4	—	EA	1
TSMJ710	710-850	6	—	EA	1
TSMJ710A	710-850	7	—	EA	1
TSMJ810A	810-972	7	—	EA	1

CASE SIZE	DIAMETER (IN.)	HEIGHT (IN.)
Case Dimension		
1	1- 7/16	2-3/4
2	1- 7/16	3-3/8
3	1- 7/16	4-3/8
4	1-13/16	3-3/8
5	1-13/16	4-3/8
6	2 -1/16	3-3/8
7	2 -1/16	4-3/8
8	2- 9/16	4-3/8

START CAPACITORS CONT'D

Titan Pro Start Capacitors

Features

Dry, electrolytic
Non-polarized capacitors for intermittent duty in AC motor starting circuits
Cases are made of moisture and oil resistant molded
Phenolic resin or plastic
Standard dual blade
Terminals

Operating temperature range:
-40°C to 65°C (-40°F to 149°F)
UL and cUL recognized
Rated 3-second start
20 Starts per hour
50/60 Hertz



TRMJ21

TITAN PRO®

CATALOG NO.	MFD	CASE SIZE	INDUSTRY NO.	UOM	OM
Titan Pro 330 VAC					
TRMJ21	21-25	2	11055	EA	1
TRMJ25	25-30	2	11056	EA	1
TRMJ30	30-36	2	11057	EA	1
TRMJ36	36-43	2	11058	EA	1
TRMJ43	43-53	4	11059	EA	1
TRMJ43R	43-53	4	11059	EA	1
TRMJ47	47-56	4	—	EA	1
TRMJ56	53-64	4	11060	EA	1
TRMJ64	64-77	4	—	EA	1
TRMJ72	72-88	4	11061	EA	1
TRMJ72A	72-88	6	11061	EA	1
TRMJ72R	72-88	4	—	EA	1
TRMJ88	88-108	6	11062	EA	1
TRMJ108	108-130	7	11063	EA	1
TRMJ108A	108-130	6	11063	EA	1
TRMJ124	124-149	7	11165	EA	1
TRMJ130	130-158	7	11064	EA	1
TRMJ135	135-162	7	—	EA	1
TRMJ145	145-174	7	11066	EA	1
TRMJ145A	145-174	8	11066	EA	1
TRMJ161	161-193	7	10067	EA	1
TRMJ189	189-227	7	11068	EA	1
TRMJ189A	189-227	8	11068	EA	1
TRMJ189R	189-227	8	11068	EA	1
TRMJ216	216-259	8	11069	EA	1
TRMJ216A	216-259	7	11069	EA	1
TRMJ243	243-292	6	—	EA	1
TRMJ270	270-324	8	11070	EA	1
TRMJ300	300-360	8	—	EA	1

Notes:
Please call when dimensions are critical.

CATALOG NO.	MFD	CASE SIZE	INDUSTRY NO.	UOM	OM
Titan Pro 220-250 VAC					
TTMJ21	21-25	1	11038	EA	1
TTMJ25	25-30	1	11039	EA	1
TTMJ30	30-36	1	11040	EA	1
TTMJ36	36-43	1	11041	EA	1
TTMJ43	43-53	1	11042	EA	1
TTMJ43A	43-53	2	11042	EA	1
TTMJ47	47-56	1	—	EA	1
TTMJ53	53-64	2	—	EA	1
TTMJ56	53-64	1	11043	EA	1
TTMJ56A	56-72	1	11043	EA	1
TTMJ59	59-71	6	—	EA	1
TTMJ64	64-77	1	—	EA	1
TTMJ64A	64-77	2	—	EA	1
TTMJ72	72-88	4	11044	EA	1
TTMJ86	86-108	6	—	EA	1
TTMJ88	88-108	4	11045	EA	1
TTMJ105	105-126	6	—	EA	1
TTMJ108	108-130	4	11046	EA	1
TTMJ124	124-149	5	11148	EA	1
TTMJ124A	124-149	4	11148	EA	1
TTMJ130	130-158	4	—	EA	1
TTMJ130A	130-158	5	—	EA	1
TTMJ145	145-174	4	11049	EA	1
TTMJ145A	145-174	6	11049	EA	1
TTMJ161	161-193	6	11050	EA	1
TTMJ161A	161-193	5	11050	EA	1
TTMJ189	189-227	6	11051	EA	1
TTMJ189A	189-227	7	11051	EA	1
TTMJ216	216-259	6	11052	EA	1
TTMJ216A	216-259	7	11052	EA	1
TTMJ233	233-280	6	11053	EA	1
TTMJ233A	233-280	7	10053	EA	1
TTMJ243	243-292	6	—	EA	1
TTMJ270	270-324	6	11054	EA	1
TTMJ270A	270-324	7	11054	EA	1
TTMJ280	280-336	7	—	EA	1
TTMJ284	284-333	8	—	EA	1
TTMJ320	320-384	7	—	EA	1
TTMJ340	340-408	7	—	EA	1
TTMJ378	378-455	8	—	EA	1
TTMJ400	400-480	7	—	EA	1
TTMJ400A	400-480	8	—	EA	1
TTMJ430	430-516	8	—	EA	1
TTMJ630	630-750	8	—	EA	1

CLASS RK5

Class RK5-FLNR Series

The FLNR series of fuses set the standard for general purpose fuses. The dual-element design provides advanced short circuit and overload protection.



FLNR001T

Applications
Service entrance switches
Transformers
Switchboard mains and feeders
Motor control central mains and motor branch circuits
All general purpose circuits

Features
Dual-element design
Current limiting

Product Specifications

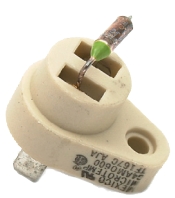
Voltage Rating:	AC: 250 V (FLNR_ID); 600 V (FLSR_ID) DC: 125 V (FLNR 1/10 – 30 A); 125 V (FLNR_ID 35 – 600 A); 300 V (FLSR_ID)
Interrupting Rating:	AC: 200 kA rms symmetrical 300 kA rms symmetrical (Littelfuse self-certified) DC: 20kA
Amperage Range:	1/10 - 600 A
	Standard 248-12, Class RK5
	UL Listed (File: E81895)
Approvals:	CSA Certified (File: LR29862)
	Federal Specification WF-1814 (QPL- W-F-1814)

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MARS NO. W/O INDICATOR	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	BUSSMAN-EDISON	UOM	OM
FLNR001T	**FLNR001.T**	Class RK5 Time Delay Fuse	250V	1	—	TR1R	FRN-R-1	—	EA	10
FLNR002T	**FLNR002.T**	Class RK5 Time Delay Fuse	250V	2	—	TR2R	FRN-R-2	—	EA	10
FLNR03.2T	**FLNR03.2T**	Class RK5 Time Delay Fuse	250V	3.2	—	TR3-2/10R	FRN-R- 3-2/10	—	EA	10
FLNR005T	**FLNR005.T**	Class RK5 Time Delay Fuse	250V	5	—	TR5R	FRN-R-5	—	EA	10
FLNR006T	**FLNR006.T**	Class RK5 Time Delay Fuse	250V	6	—	TR6R	FRN-R-6	—	EA	10
FLNR6.25T	**FLNR6.25T**	Class RK5 Time Delay Fuse	250V	6.25	—	TR6-1/4R	FRN-R-6-1/4	—	EA	10
FLNR010T	**FLNR010.T**	Class RK5 Time Delay Fuse	250V	10	81032	TR10R	FRN-R-10	ECNR10	EA	10
FLNR012T	**FLNR012.T**	Class RK5 Time Delay Fuse	250V	12	—	TR12R	FRN-R-12	—	EA	10
FLNR015T	**FLNR015.T**	Class RK5 Time Delay Fuse	250V	15	81034	TR15R	FRN-R-15	ECNR15	EA	10
FLNR020T	**FLNR020.T**	Class RK5 Time Delay Fuse	250V	20	81036	TR20R	FRN-R-20	ECNR20	EA	10
FLNR025T	**FLNR025.T**	Class RK5 Time Delay Fuse	250V	25	81037	TR25R	FRN-R-25	ECNR25	EA	10
FLNR030T	**FLNR030.T**	Class RK5 Time Delay Fuse	250V	30	81038	TR30R	FRN-R-30	ECNR30	EA	10
FLNR035T	**FLNR035.T**	Class RK5 Time Delay Fuse	250V	35	81039	TR35R	FRN-R-35	ECNR35	EA	10
FLNR040T	**FLNR040.T**	Class RK5 Time Delay Fuse	250V	40	81040	TR40R	FRN-R-40	ECNR40	EA	10
FLNR045T	**FLNR045.T**	Class RK5 Time Delay Fuse	250V	45	81041	TR45R	FRN-R-45	ECNR45	EA	10
FLNR050T	**FLNR050.T**	Class RK5 Time Delay Fuse	250V	50	81042	TR50R	FRN-R-50	ECNR50	EA	10
FLNR060T	**FLNR060.T**	Class RK5 Time Delay Fuse	250V	60	81043	TR60R	FRN-R-60	ECNR60	EA	10
FLNR070V	**FLNR070.V**	Class RK5 Time Delay Fuse	250V	70	81043	TR70R	FRN-R-70	ECNR60	EA	5
FLNR080V	**FLNR080.V**	Class RK5 Time Delay Fuse	250V	80	81043	TR80R	FRN-R-80	ECNR60	EA	5
FLNR090V	**FLNR090.V**	Class RK5 Time Delay Fuse	250V	90	81043	TR90R	FRN-R-90	ECNR60	EA	5
FLNR100V	**FLNR100.V**	Class RK5 Time Delay Fuse	250V	100	81047	TR100R	FRN-R-100	ECNR100	EA	5

We also offer FLNR fuses in the following: TXID Series, VXID Series and X Series

Fusible Links

Fusible Links are temperature sensitive, one time devices. Engineered as safety links, they open the circuit if the designed limit temperature is reached.



HFL-5257

CATALOG NO.	FUSIBLE TEMP °F	TYPE	PRONG TYPE	QTY/PACK	UOM	ORDER MULTIPLE
HFL-4257	257°	In-Line	—	pack of 4	PK	1
HFL-4300	300°	In-Line	—	pack of 4	PK	1
HFL-4333	333°	In-Line	—	pack of 4	PK	1
HFL-5257	257°	Face Plate	Straight	pack of 2	PK	1
HFL-5258	257°	Face Plate	Right Angle	pack of 2	PK	1
HFL-5300	300°	Face Plate	Straight	pack of 2	PK	1
HFL-5301	300°	Face Plate	Right Angle	pack of 2	PK	1
HFL-5333	333°	Face Plate	Straight	pack of 2	PK	1

CLASS RK5 CONT'D

FLSR Series • Class RK5 Time Delay Fuses

Littelfuse FLSR series fuses have been the superior UL Class RK5 dual-element time-delay fuses, and are the most widely used class of fuses. FLSR series fuses provide excellent protection for all types of circuits especially those containing motors. However, users and specifiers should consider the significant benefits offered by Indicator fuses.



FLSR005T

Littelfuse®

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MARS NO. W/O INDICATOR	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	BUSSMAN-EDISON	UOM	OM
FLSR01.5T	**FLSR01.5T**	Class RK5 Time Delay Fuse	600V	1.5	—	FRS-R-1-1/2	TRS-1-1/2R	—	EA	10
FLSR005T	**FLSR005.T**	Class RK5 Time Delay Fuse	600V	5	—	FRS-R-5	TRS-5R	—	EA	10
FLSR006T	**FLSR006.T**	Class RK5 Time Delay Fuse	600V	6	—	FRS-R-6	TRS6R	—	EA	10
FLSR008T	**FLSR008.T**	Class RK5 Time Delay Fuse	600V	8	—	FRS-R-8	TRS8R	—	EA	10
FLSR010T	**FLSR010.T**	Class RK5 Time Delay Fuse	600V	10	81132	TRS10R	FRS-R-10	ECSR10	EA	10
FLSR012T	**FLSR012.T**	Class RK5 Time Delay Fuse	600V	12	—	FRS-R-12	TRS12R	—	EA	10
FLSR015T	**FLSR015.T**	Class RK5 Time Delay Fuse	600V	15	81134	TRS15R	FRS-R-15	ECSR15	EA	10
FLSR020T	**FLSR020.T**	Class RK5 Time Delay Fuse	600V	20	81136	TRS20R	FRS-R-20	ECSR20	EA	10
FLSR025T	**FLSR025.T**	Class RK5 Time Delay Fuse	600V	25	81137	TRS25R	FRS-R-25	ECSR25	EA	10
FLSR030T	**FLSR030.T**	Class RK5 Time Delay Fuse	600V	30	81138	TRS30R	FRS-R-30	ECSR30	EA	10
FLSR035T	**FLSR035.T**	Class RK5 Time Delay Fuse	600V	35	81139	TRS35R	FRS-R-35	ECSR35	EA	10
FLSR040T	**FLSR040.T**	Class RK5 Time Delay Fuse	600V	40	81140	TRS40R	FRS-R-40	ECSR40	EA	10
FLSR045T	**FLSR045.T**	Class RK5 Time Delay Fuse	600V	45	81147	TRS45R	FRS-R-45	ECSR45	EA	10
FLSR050T	**FLSR050.T**	Class RK5 Time Delay Fuse	600V	50	81141	TRS50R	FRS-R-50	ECSR50	EA	10
FLSR060T	**FLSR060.T**	Class RK5 Time Delay Fuse	600V	60	81142	TRS60R	FRS-R-60	ECSR60	EA	10
FLSR070V	**FLSR070.V**	Class RK5 Time Delay Fuse	600V	70	81143	TRS70R	FRS-R-70	ECSR70	EA	5
FLSR080V	**FLSR080.V**	Class RK5 Time Delay Fuse	600V	80	81144	TRS80R	FRS-R-80	ECSR80	EA	5
FLSR090V	**FLSR090.V**	Class RK5 Time Delay Fuse	600V	90	81145	TRS90R	FRS-R-90	ECSR90	EA	5
FLSR100V	**FLSR100.V**	Class RK5 Time Delay Fuse	600V	100	81146	TRS100R	FRS-R-100	ECSR100	EA	5

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MARS NO. W/O INDICATOR	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	BUSSMAN-EDISON	UOM	OM
FLSR005TXID	**FLSR005.TXID**	Class RK5 10PK	600V	5	—	FRS-R-5	TRS5R	—	EA	10
FLSR010TXID	**FLSR010.TXID**	Class RK5 10PK	600V	10	—	FRS-R-10	TRS10R	—	EA	10
FLSR015TXID	**FLSR015.TXID**	Class RK5 10PK	600V	15	—	FRS-R-15	TRS15R	—	EA	10
FLSR020TXID	**FLSR020.TXID**	Class RK5 10PK	600V	20	—	FRS-R-20	TRS20R	—	EA	10
FLSR025TXID	**FLSR025.TXID**	Class RK5 10PK	600V	25	—	FRS-R-25	TRS25R	—	EA	10
FLSR030TXID	**FLSR030.TXID**	Class RK5 10PK	600V	30	—	FRS-R-30	TRS30R	—	EA	10
FLSR035TXID	**FLSR035.TXID**	Class RK5 10PK	600V	35	—	FRS-R-35	TRS35R	—	EA	10
FLSR040TXID	**FLSR040.TXID**	Class RK5 10PK	600V	40	—	FRS-R-40	TRS40R	—	EA	10
FLSR045TXID	**FLSR045.TXID**	Class RK5 10PK	600V	45	—	FRS-R-45	TRS45R	—	EA	10
FLSR050TXID	**FLSR050.TXID**	Class RK5 10PK	600V	50	—	FRS-R-50	TRS50R	—	EA	10
FLSR060TXID	**FLSR060.TXID**	Class RK5 5PK	600V	60	—	FRS-R-60	TRS60R	—	EA	5
FLSR070VXID	**FLSR070.VXID**	Class RK5 5PK	600V	70	—	FRS-R-70	TRS70R	—	EA	5
FLSR080VXID	**FLSR080.VXID**	Class RK5 5PK	600V	80	—	FRS-R-80	TRS80R	—	EA	5
FLSR090VXID	**FLSR090.VXID**	Class RK5 5PK	600V	90	—	TRS90R	FRS-R-90	—	EA	5
FLSR100VXID	**FLSR100.VXID**	Class RK5 5PK	600V	100	—	TRS100R	FRS-R-100	—	EA	5
FLSR125XXID	**FLSR125.XXID**	Class RK5 1PK	600V	125	—	TRS125R	FRS-R-125	—	EA	1

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MARS NO. W/O INDICATOR	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	BUSSMAN-EDISON	UOM	OM
FLSR125X	**FLSR125.X**	Class RK5 Time Delay Fuse	600V	125	—	TRS125R	FRS-R-125	—	EA	1
FLSR150X	**FLSR150.X**	Class RK5 Time Delay Fuse	600V	150	—	TRS150R	FRS-R-150	—	EA	1
FLSR175X	**FLSR175.X**	Class RK5 Time Delay Fuse	600V	175	—	TRS175R	FRS-R-175	—	EA	1
FLSR400X	**FLSR400.X**	Class RK5 Time Delay Fuse	600V	400	—	TRS400R	FRS-R-400	—	EA	1

CLASS RK5 CONT'D

Dual Element Fuses – 250V

Provides time delay for temporary over-current conditions and motor running protection for heating and air conditioning equipment. Eliminates unnecessary maintenance from harmless overloads.



ED-CR40

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
ED-CR15	Dual Element Fuse – 15 Amps, pack of 2	PK	1
ED-CR20	Dual Element Fuse – 20 Amps, pack of 2	PK	1
ED-CR25	Dual Element Fuse – 25 Amps, pack of 2	PK	1
ED-CR30	Dual Element Fuse – 30 Amps, pack of 2	PK	1
ED-CR35	Dual Element Fuse – 35 Amps, pack of 2	PK	1
ED-CR40	Dual Element Fuse – 40 Amps, pack of 2	PK	1
ED-CR45	Dual Element Fuse – 45 Amps, pack of 2	PK	1
ED-CR50	Dual Element Fuse – 50 Amps, pack of 2	PK	1
ED-CR60	Dual Element Fuse – 60 Amps, pack of 2	PK	1

U.L. Class RK-5, Standard for Safety 198E, Current Limiting Fuses, Interrupting Rating 200,000 Amps. rms. A.C.

Dual Element Fuses – 250V

Provides time delay for temporary over current conditions and motor running protection for heating and air conditioning equipment. Eliminates unnecessary maintenance from harmless overloads. U.L. Class RK 5, Standard for Safety 198E, Current Limiting Fuses, Interrupting Rating 200,000 Amps. rms. A.C.



7-CRNR40

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
7-CRNR15	15 Amps	EA	10
7-CRNR20	20 Amps	EA	10
7-CRNR25	25 Amps	EA	10
7-CRNR30	30 Amps	EA	10
7-CRNR35	35 Amps	EA	10
7-CRNR40	40 Amps	EA	10
7-CRNR45	45 Amps	EA	10
7-CRNR50	50 Amps	EA	10
7-CRNR60	60 Amps	EA	10
7-CRNR70	70 Amps	EA	5
7-CRNR80	80 Amps	EA	5
7-CRNR90	90 Amps	EA	5
7-CRNR100	100 Amps	EA	5

U.L. Class RK-5, Standard for Safety 198E, Current Limiting Fuses, Interrupting Rating 200,000 Amps. rms. A.C.

Time Delay Fuses – 600V

These plugs offer safe protection during momentary overload. No adapter necessary. U.L. Listed., Class RK5



626-HASR15

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
626-HASR10	10 Amp	EA	10
626-HASR15	15 Amp	EA	10
626-HASR20	20 Amp	EA	10
626-HASR25	25 Amp	EA	10
626-HASR30	30 Amp	EA	10
626-HASR40	40 Amp	EA	10
626-HASR60	60 Amp	EA	10

CLASS J

JLS/JTD Class J • Fast Acting Fuses

The Littelfuse POWR-PRO® JTD_ID Indicator Class J fuse provides visual blown fuse indication and maximum protection in a compact package. The current-limiting time delay JTD_ID offers a patented design which reduces nuisance fuse openings.

Applications
Fused combination motor controllers and motor control centers

Transformer protection
Protection for series rated molded case circuit-breaker panels

General purpose circuits

Features
POWR-PRO® Performance
Current-Limiting IEC Type 2 Protection
Indication and non-indication version available
Indicating and din mount holders available
Dual-element design
Slo-Blo/Time Lag(T)/Time Delay Opening
Industrial Cartridge



JLS015T

JTD012T

Littelfuse

CATALOG NO.	SUPPLIER PART ID	AMPS	VOLTS	VDC	INTERRUPTING RATING	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
JTD010T	0JTD010.T	10	600	300	20000A@300VDC	AJT10	LPJ10SP	EA	10
JTD012T	0JTD012.T	12	600	300	20000A@300VDC	AJT12	LPJ12SP	EA	10
JTD020T	0JTD020.T	20	600	300	20000A@300VDC	AJT20	LPJ20SP	EA	10
JTD030T	0JTD030.T	30	600	300	20000A@300VDC	AJT30	LPJ30SP	EA	10
JTD040T	0JTD040.T	40	600	300	20000A@300VDC	AJT40	LPJ40SP	EA	10
JTD050T	0JTD050.T	50	600	300	20000A@300VDC	AJT50	LPJ50SP	EA	10
JTD060T	0JTD060.T	60	600	300	20000A@300VDC	AJT60	LPJ60SP	EA	10
JTD070T	0JTD070.T	70	600	300	20000A@300VDC	AJT70	LPJ70SP	EA	10
JTD080V	0JTD080.V	80	600	300	20000A@300VDC	AJT80	LPJ80SP	EA	5
JTD100T	0JTD100.T	80	600	300	20000A@300VDC	AJT100	LPJ100SP	EA	5
JLS015T	0JLS015.T	15	600	300	20000A@300VDC	AJL15	–	EA	10
JLS025	0JLS025	25	600	300	20000A@300VDC	AJL25	–	EA	10
JLS030T	0JLS030.T	30	600	300	20000A@300VDC	AJL30	–	EA	10
JLS050	0JLS050	50	600	300	20000A@300VDC	AJL50	–	EA	10

Visit DiversiTech.com for full offering.

CLASS T

JLLS/JLLN Class T • Fast Acting Fuses

JLLN / JLLS series fuses are less than 1/3 the size of comparable Class R fuses and are typically used for short circuit protection of drives and surge sensitive components. When rated in accordance with the NEC*, JLLN / JLLS fuses provide fast-acting overload and short circuit protection for non-inductive circuits and equipment.

Applications
Variable speed drive protection
Power conversion devices (inverters, rectifiers, UPS)
Power supplies and power distribution units
Compact mains switches

Features
Extremely current-limiting
Compact design
200 kA interrupting rating
JLLN 35–60 amperes available with PCB mounts



JLLS060T

Littelfuse

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
JLLN060T	JLLN060.T	Class T	300V	60	A3T60	JJN-60	EA	10
JLLN100V	JLLN100.V	Class T	300V	100	A3T100	JJN-100	EA	10
JLLN200P	JLLN200.XXP	Class T	300V	200	A3T200	JJN-200	EA	10
JLLS025TXP	JLLS025.TXP	Class T	600V	25	A6T25	JJS-25	EA	10
JLLS030TXP	JLLS030.TXP	Class T	600V	30	A6T30	JJS-30	EA	10
JLLS060T	JLLS060.T	Class T	600V	60	A6T60	JJS-60	EA	10
JLLS080T	JLLS080.V	Class T	600V	80	A6T80	JJS-80	EA	5
JLLS600X	JLLS600.X	Class T	600V	600	A6T600	JJS-600	EA	1

Visit DiversiTech.com for full offering.

CLASS CC

Class CC - CCMR Series

The CCMR series is ideal for space saving protection of motors up to 40 hp*. It was designed specifically to withstand sustained starting currents of small motors. The CCMR 60 fuse is the smallest 60 A fuse available rated at 600 V. Compared to other UL Listed fuses, Class CC fuses are the most current-limiting, rating for rating.



CCMR001TXP

Applications
Motor and motor branch circuit protection

Features
POWR-PRO® Performance
Extremely current-limiting
Ratings up to 60 Amps
300 kA interrupting rating (self-certified)

Product Specifications

Voltage Rating: AC:600 V
DC: 250 V (CCMR 2/10 - 2 A)
(CCMR 4 1/2 – 10 A)
(CCMR 35– 60 A)
300 V (CCMR 2 1/4 – 4 A)
500 V (CCMR 12– 30 A)

Interrupting Rating: AC: 200 kA rms symmetrical
300 kA Littelfuse self-certified
DC: 20kA

Amperage Range: 2/10 - 60 A

Approvals: AC: Standard 248-4, Class CC
UL Listed 2/10-30 A (File: E81895)
Standard 248, Class CD
UL Listed 35-60 A (File: E81895)
CSA Certified (File: LR29862)
DC: Littelfuse self-certified

Environmental: RoHS compliant (except 35-60 A)

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	BUSSMAN-EDISON	UOM	OM
CCMR.250TXP	CCMR.250TXP	Class CC Time Delay Fuse	600V	0.25	ATDR.25	LP-CC-.25	EDCC.25	EA	10
CCMR.500TXP	CCMR.500TXP	Class CC Time Delay Fuse	600V	0.5	ATDR.50	LP-CC-.50	EDCC.50	EA	10
CCMR.600TXP	CCMR.600TXP	Class CC Time Delay Fuse	600V	0.6	ATDR.60	LP-CC-.60	EDCC.60	EA	10
CCMR.800TXP	CCMR.800TXP	Class CC Time Delay Fuse	600V	0.8	ATDR.80	LP-CC-.80	EDCC.80	EA	10
CCMR001TXP	CCMR001.TXP	Class CC Time Delay Fuse	600V	1	ATDR1	LP-CC-1	EDCC1	EA	10
CCMR1.25TXP	CCMR01.25.TXP	Class CC Time Delay Fuse	600V	1.25	ATDR1.25	LP-CC-1.25	EDCC1.25	EA	10
CCMR002TXP	CCMR002.TXP	Class CC Time Delay Fuse	600V	2	ATDR2	LP-CC-2	EDCC2	EA	10
CCMR2.25TXP	CCMR02.25.TXP	Class CC Time Delay Fuse	600V	2.25	ATDR2.25	LP-CC-2.25	EDCC2.25	EA	10
CCMR003TXP	CCMR003.TXP	Class CC Time Delay Fuse	600V	3	ATDR3	LP-CC-3	EDCC3	EA	10
CCMR005TXP	CCMR005.TXP	Class CC Time Delay Fuse	600V	5	ATDR5	LP-CC-5	EDCC5	EA	10
CCMR006TXP	CCMR006.TXP	Class CC Time Delay Fuse	600V	6	ATDR6	LP-CC-6	EDCC6	EA	10
CCMR6.25TXP	CCMR6.25TXP	Class CC Time Delay Fuse	600V	6.25	ATDR6.25	LP-CC-6-.25	EDCC-6-.25	EA	10
CCMR008TXP	CCMR008.TXP	Class CC Time Delay Fuse	600V	8	ATDR8	LP-CC-8	EDCC8	EA	10
CCMR007TXP	CCMR007.TXP	Class CC Time Delay Fuse	600V	7	ATDR7	LP-CC-7	EDCC7	EA	10
CCMR010TXP	CCMR010.TXP	Class CC Time Delay Fuse	600V	10	ATDR10	LP-CC-10	EDCC10	EA	10
CCMR012TXP	CCMR012.TXP	Class CC Time Delay Fuse	600V	12	ATDR12	LP-CC-12	EDCC12	EA	10
CCMR015TXP	CCMR015.TXP	Class CC Time Delay Fuse	600V	15	ATDR15	LP-CC-15	EDCC15	EA	10
CCMR020TXP	CCMR020.TXP	Class CC Time Delay Fuse	600V	20	ATDR20	LP-CC-20	EDCC20	EA	10
CCMR025TXP	CCMR025.TXP	Class CC Time Delay Fuse	600V	25	ATDR25	LP-CC-25	EDCC-25	EA	10
CCMR030TXP	CCMR030.TXP	Class CC Time Delay Fuse	600V	30	ATDR30	LP-CC-30	EDCC30	EA	10
CCMR035T	CCMR035.TXP	Class CC Time Delay Fuse	600V	35	ATDR35	LP-CC-35	EDCC35	EA	10
CCMR040T	CCMR040.TXP	Class CC Time Delay Fuse	600V	40	ATDR40	LP-CC-40	EDCC40	EA	10
CCMR050TXP	CCMR050.TXP	Class CC Time Delay Fuse	600V	50	ATDR50	LP-CC-50	EDCC50	EA	10
CCMR075TXP	CCMR075.TXP	Class CC Time Delay Fuse	600V	75	ATDR75	LP-CC-75	EDCC75	EA	10

CLASS CC CONT'D

KLDR Series • Class CC Fuses



KLDR005TXP

Littelfuse

KLDR fuses are time-delay fuses designed to protect control transformers, solenoids and similar inductive components with high magnetizing currents during the first half-cycle. They provide excellent protection of motor branch circuits containing IEC or NEMA rated motor controllers or contactors.

Applications
Transformer Protection

Features
Meets UL and CSA standards
Class CC fuses are the smallest 600 V, 200,000 A.I.R.fuses approved for branch circuit protection
Rejection feature prevents use of fuses with loweinterrupting ratings or voltage ratings when used with corresponding fuse holders

Extremely current limiting reduces damage caused by heating and magnetic effects of short-circuit currents

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
KLDR.500TXP	**KLDR.500TXP**	Time Delay Fuse	600V	0.5	ATQR1/2	FNQ-R-1/2	EA	10
KLDR001TXP	**KLDR001.TXP**	Time Delay Fuse	600V	1	ATQR1	FNQ-R-1	EA	10
KLDR004TXP	**KLDR004.TXP**	Time Delay Fuse	600V	4	ATQR4	FNQ-R-4	EA	10
KLDR005TXP	**KLDR005.TXP**	Time Delay Fuse	600V	5	ATQR5	FNQ-R-5	EA	10
KLDR006TXP	**KLDR006.TXP**	Time Delay Fuse	600V	6	ATQR6	FNQ-R-6	EA	10
KLDR010TXP	**KLDR010.TXP**	Time Delay Fuse	600V	10	ATQR10	FNQ-R-10	EA	10
KLDR015TXP	**KLDR015.TXP**	Time Delay Fuse	600V	15	ATQR15	FNQ-R-15	EA	10
KLDR020TXP	**KLDR020.TXP**	Time Delay Fuse	600V	20	ATQR20	FNQ-R-20	EA	10
KLDR025TXP	**KLDR025.TXP**	Time Delay Fuse	600V	25	ATQR25	FNQ-R-25	EA	10
KLDR030TXP	**KLDR030.TXP**	Time Delay Fuse	600V	30	ATQR30	FNQ-R-30	EA	10

FUSE BLOCKS, HOLDERS AND ACCESSORIES CONT'D

In-Line Fuse Holder



FH-1

For fusing all control circuits up to 30 amp. Features rigid plastic protective covering for each fuse. Used on AC and DC circuits. U.L. Listed.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
FH-1	In-Line Fuse Holder, Pack of 10	EA	1

U.L. Listed.

Fuse Pullers



626-38073

Our fuse pullers are used to safely pull fuses.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
626-38071	Fuse Puller – For Fuse Sizes 1/4" to 1/2"	EA	1
626-38073	Fuse Puller – For Fuse Sizes 1" to 1-3/4"	EA	1

Box Cover Units



620-6081

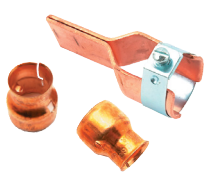
EATON

The maximum amps on this box cover unit are 15 and the maximum AC voltage of 125. These units are designed for use with the Type T plug fuses. U.L. Listed and C.S.A. Certified.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
620-6081	Plug Fuse Base Only (ESOU)	EA	1
620-6082	Receptacle/Fuse Combo (ESRU)	EA	1
620-6083	Switch/Fuse Combo Square (ESSY)	EA	1

U.L. Listed. C.S.A. Approved.

Fuse Adapters



626-38632

Fuse adapters are used to retrofit fuses into existing installations.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
626-38632	Fuse Adapter – 60 to 30 Reducer for Class H, 250V	EA	100
626-38636	Fuse Adapter – 60 to 30 Reducer for Class H, 600V	EA	100

CLASS G

SLC Class G Fuses

Littelfuse SLC fuses provide cost effective branch circuit protection. Fuse length varies to prevent over-fusing. Compact Class G fuses were the first fuse series to approach midget fuse dimensions and meet NEC® requirements for branch-circuit protection.

Applications
Branch circuit protection

Features
Branch circuit rated
Current-limiting
100 kA interrupting rating
600 V ac rated 1/2-20 A



SLC002T

Littelfuse

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
SLC002T	0SLC002.T	SLC Class G Fuses	600V	2	AG2	SC-2A	EA	10
SLC003T	0SLC003.T	SLC Class G Fuses	600V	3	AG3	SC-3A	EA	10
SLC005T	0SLC005.T	SLC Class G Fuses	600V	5	AG5	SC-5A	EA	10
SLC006T	0SLC006.T	SLC Class G Fuses	600V	6	AG6	SC-6A	EA	10
SLC010T	0SLC010.T	SLC Class G Fuses	600V	10	AG10	SC-10A	EA	10
SLC015T	0SLC015.T	SLC Class G Fuses	600V	15	AG15	SC-15A	EA	10
SLC020T	0SLC020.T	SLC Class G Fuses	600V	20	AG20	SC-20A	EA	10
SLC025T	0SLC025.T	SLC Class G Fuses	480V	25	AG25	SC-25A	EA	10
SLC030T	0SLC030.T	SLC Class G Fuses	480V	30	AG30	SC-30A	EA	10
SLC035T	0SLC035.T	SLC Class G Fuses	480V	35	AG35	SC-35A	EA	10
SLC040T	0SLC040.T	SLC Class G Fuses	480V	40	AG40	SC-40A	EA	10
SLC060T	0SLC060.T	SLC Class G Fuses	480/600V	60	AG60	SC-60A	EA	10

CLASS K5

NLN Series • Class K5 Fast Blow One Time Fuses

NLN/NLS fuses provide low cost protection for general purpose feeder and branch circuits when available short circuit currents are less than 50 kA.

Applications
General purpose residential and commercial circuits with little or no motor load.

Features
Economical
50 kA interrupting rating
Indicating and DIN mount holders available



NLN040T

Littelfuse

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
NLN040T	0NLN040.T	Fast Blow One Time Fuse	250V	40	OT40	NON-40	EA	5
NLN050T	0NLN050.T	Fast Blow One Time Fuse	250V	50	OT50	NON-50	EA	5
NLN060T	0NLN060.T	Fast Blow One Time Fuse	250V	60	OT60	NON-60	EA	5
NLN100V	0NLN100.V	Fast Blow One Time Fuse	250V	100	OT100	NON-100	EA	5

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NLS Series • (One-Time) Fuse

CATALOG NO.	SUPPLIER PART ID	TYPE	POLE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
NLS010T	0NLS010.T	(One-Time) Fuse	1	600V	10	OTS10	NOS-10	EA	5
NLS015T	0NLS015.T	(One-Time) Fuse	1	600V	15	OTS15	NOS-15	EA	5
NLS020T	0NLS020.T	(One-Time) Fuse	1	600V	20	OTS20	NOS-20	EA	5
NLS030T	0NLS030.T	(One-Time) Fuse	1	600V	30	OTS30	NOS-30	EA	5

CLASS K5 CONT'D

One Time Fuses

Protection to lighting, heating, and other non transient circuits. U.L. Class K5, Standard for Safety 1988, One Time Fuse Interrupting Rating 10,000 Amps. rms. A.C., 250 VAC/VDC



7-10KOTN40

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
7-10KOTN30	30 Amps	EA	10
7-10KOTN35	35 Amps	EA	10
7-10KOTN40	40 Amps	EA	10
7-10KOTN45	45 Amps	EA	10
7-10KOTN50	50 Amps	EA	10
7-10KOTN60	60 Amps	EA	10
7-10KOTN100	100 Amps	EA	5

U.L. Class K5, Standard for Safety 1988,
One Time Fuse Interrupting Rating 10,000 Amps. rms. A.C.

Class CC • Fuse Holders

The Littelfuse Class CC, CD and midget blocks offer generous space savings and enhanced value. DIN-rail mounting and universal mounting holes are available as well as an indication feature on all Class CD fuse blocks.



L60030C2C

Features

Through hole PCB mounting
Robust and secure block design
All-in-one package offers easy installation
Space saving footprint
Touch Safe cover/puller available
3-pole configurations

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
LFG480603CDINR	–	Fuse Holder	480V	60	–	–	EA	1
L60030C2PQDINR	L60030C2PQDINR	Fuse Holder	600V	30	30322R	BCM603-2PQ	EA	5
L60030C2C	L60030C2C	Fuse Block	600V	30	30352R	BCM603-2C	EA	5
L60030C3C	L60030C3C	Fuse Block	600V	30	30353R	BCM603-3C	EA	5
L60030M1C	–	Fuse Block	600V	30	–	–	EA	10
L60030M2SQ	–	Fuse Block	600V	30	–	–	EA	1

MIDGET

FLQ Series • Time Delay Midget Fuses

The FLQ series 500 Vac time-delay fuses provide excellent supplemental protection of control power transformers, solenoids, and circuits with high inrush currents.



FLQ015T

Applications

Control power transformers | Solenoids | Circuits with high inrush current

Features

These 500 volt time-delay fuses provide excellent supplemental protection of control power transformers, solenoids, and circuits with high inrush currents.

UL and CSA 500 volt ratings permit use on 480 volt circuits.
FLQ fuses also provide supplemental protection to small motors.
For motor branch-circuit protection, see Class CC fuses.

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
FLQ001T	0FLQ001.T	Time Delay Midget Fuse	500V	1	ATQ1	FNQ-1	EA	10
FLQ003T	0FLQ003.T	Time Delay Midget Fuse	500V	3	ATQ3	FNQ-3	EA	10
FLQ004T	0FLQ004.T	Time Delay Midget Fuse	500V	4	ATQ4	FNQ-4	EA	10
FLQ010T	0FLQ010.T	Time Delay Midget Fuse	500V	10	ATQ10	FNQ-10	EA	10
FLQ015T	0FLQ015.T	Time Delay Midget Fuse	500V	15	ATQ15	FNQ-15	EA	10
FLQ020T	0FLQ020.T	Time Delay Midget Fuse	500V	20	ATQ20	FNQ-20	EA	10
FLQ030T	0FLQ030.T	Time Delay Midget Fuse	500V	30	ATQ30	FNQ-30	EA	10

Visit DiversiTech.com for full offering.

MIDGET CONT'D

KLKD/KLK/KLKR Series • Fast Acting Midget Fuse

The KLKD fuse series is fast-acting with a high DC voltage rating. This family of Midget style fuses (10 x 38 mm) is used in solar combiner boxes and in circuits with DC fault currents up to 50,000 amperes. KLKD fuses are available in standard and board-mount configurations.

Applications
Combiner boxes and Inverters
Power supplies
Desktop meters

Features
Designed to UL and IEC photovoltaic specifications
1/10 - 30 A ratings available
1-5 A meets UL1741 GFDI requirements



KLKD.500T

Littelfuse

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN- FUSETRON	UOM	OM
KLKD.500T	KLKD.500T	Time Delay Fuse	600V	0.5	ATM1/2	DCM-1/2	EA	5
KLKD01.5T	KLKD01.5T	Time Delay Fuse	600V	1.5	ATM1-1/2	DCM-1-1/2	EA	5
KLKD005T	KLKD005.T	Time Delay Fuse	600V	5	ATM5	DCM-5	EA	5
KLKD010T	KLKD010.T	Time Delay Fuse	600V	10	ATM10	DCM-10	EA	5
KLKD015T	KLKD015.T	Time Delay Fuse	600V	15	ATM15	DCM-15	EA	5
KLKD020T	KLKD020.T	Time Delay Fuse	600V	20	ATM20	DCM-20	EA	5
KLKD030T	KLKD030.T	Time Delay Fuse	600V	30	ATM30	DCM-30	EA	5
KLK002	0KLK002.T	Time Delay Fuse	600V	2	ATM2	KTK-2	EA	5
KLK003	0KLK003.T	Time Delay Fuse	600V	3	ATM3	KTK-3	EA	5
KLK03.5T	0KLK03.5T	Time Delay Fuse	600V	3.5	ATM3-1/2	KTK-3-1/2	EA	5
KLK010	0KLK010.T	Time Delay Fuse	600V	10	ATM10	KTK-10	EA	5
KLK015	0KLK015.T	Time Delay Fuse	600V	15	ATM15	KTK-15	EA	5
KLK020	0KLK020.T	Time Delay Fuse	600V	20	ATM20	KTK-20	EA	5
KLKR001T	KLKR001.T	Time Delay Fuse	600V	1	ATMR1	KTK-R-1	EA	5
KLKR005T	KLKR005.T	Time Delay Fuse	600V	5	ATMR5	KTK-R-5	EA	5
KLKR015T	KLKR015.T	Time Delay Fuse	600V	15	ATMR15	KTK-R-15	EA	5
KLKR002T	–	Time Delay Fuse	600V	2	–	–	EA	5
KLKR005T	–	Time Delay Fuse	600V	5	–	–	EA	5
KLKR010T	–	Time Delay Fuse	600V	10	–	–	EA	5

Visit DiversiTech.com for full offering.

BLS/BLF Series • Special Midget Fast-Acting Fuses

BLF fuses offer safe and reliable protection at a low price for its size, type and features. They are suitable for control circuit and instrument protection in dry (little to no humidity) locations.

Features

BLS fuses are 1-3/8" long in contrast to other midget fuses which are 1-1/2".

They provide space saving, low-cost, protection to street lighting, metering, control and electronic circuits.





BLS003T BLF01.5T

Littelfuse

CATALOG NO.	SUPPLIER PART ID	AMPS	VOLTS	INTERUPTING RATING	OPENING	SIZE	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
BLS001T	0BLS001.T	1	600	10000A@600VAC	Fast-Acting (F)	Midget/5AG	SBS1	BBS-1	EA	10
BLF01.5T	0BLF01.5T	1.5	250V	10000A@600VAC	Fast-Acting (F)	Midget/5AG	OTM1-1/2	BAF-1-1/2	EA	10
BLS002T	0BLS002.T	2	600	10000A@600VAC	Fast-Acting (F)	Midget/5AG	SBS2	BBS-2	EA	10
BLS003T	0BLS003.T	3	600	10000A@600VAC	Fast-Acting (F)	Midget/5AG	SBS3	BBS-3	EA	10
BLS005T	0BLS005.T	5	600	10000A@600VAC	Fast-Acting (F)	Midget/5AG	SBS5	BBS-5	EA	10

MIDGET CONT'D

FLM Series • Slow-Blo Midget Fuses



FLM020T

Features
Use FLM 250 volt time-delay fuses to protect control circuit transformers, solenoids, and other circuits with high inrush currents.
Slo-Blo/Time Lag(T)/Time Delay Opening

Excellent for supplemental protection of small motors.
For motor branch-circuit protection, see Class CC fuses.

Littelfuse

CATALOG NO.	SUPPLIER PART ID	AMPS	VOLTS	VDC	INTERUPTING RATING	SIZE	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
FLM001T	0FLM001.T	1	250	125	10000A@250VAC	Midget/5AG	TRM1	FNM-1	EA	10
FLM002T	0FLM002.T	2	250	125	10000A@250VAC	Midget/5AG	TRM2	FNM-2	EA	10
FLM003T	0FLM003.T	3	250	125	10000A@250VAC	Midget/5AG	TRM3	FNM-3	EA	10
FLM005T	0FLM003.T	5	250	125	10000A@250VAC	Midget/5AG	TRM5	FNM-5	EA	10
FLM010T	0FLM010.T	10	250	125	10000A@250VAC	Midget/5AG	TRM10	FNM-10	EA	10
FLM015T	0FLM015.T	15	250	125	10000A@250VAC	Midget/5AG	TRM15	FNM-15	EA	10
FLM020T	0FLM020.T	20	250	125	10000A@250VAC	Midget/5AG	TRM20	FNM-20	EA	10
FLM025T	0FLM025.T	25	250	125	10000A@250VAC	Midget/5AG	TRM25	FNM-25	EA	10
FLM030T	0FLM030.T	30	250	125	10000A@250VAC	Midget/5AG	TRM30	FNM-30	EA	10

PLUG

Plug Fuses



626-30

Expels gases caused by the blowing fuse, but doesn't allow flame to escape. Glass top for safety against shock. Positive visual indication of OK condition or blown condition. Distinguishes between overload and dead short conditions. Magnifying center of face. Shapes of face openings identify ratings. Meets Federal Specification WF 791E/Gen. Type 791/1. Base "W" fuses. U.L. Listed.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
626-15	Plug Fuse Type TL – 15 Amp	EA	4
626-20	Plug Fuse Type TL – 20 Amp	EA	4
626-25	Plug Fuse Type TL – 25 Amp	EA	4
626-30	Plug Fuse Type TL – 30 Amp	EA	4

Time Delay Plug Fuses



626-30T

These plugs offer safe protection during momentary overload. No adapter necessary. U.L. Listed.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
626-10T	Type "T" Plug Fuse – 10 Amp	EA	4
626-15T	Type "T" Plug Fuse – 15 Amp	EA	4
626-20T	Type "T" Plug Fuse – 20 Amp	EA	4
626-25T	Type "T" Plug Fuse – 25 Amp	EA	4
626-30T	Type "T" Plug Fuse – 30 Amp	EA	4

Type "S" Non-Tamper Fuses



626-30S

Provides specific overcurrent protection. Time delay element protects against premature blowing from motors in air conditioners or compressors.
Visual indication of good or blown condition.
U.L. Listed. C.S.A. Approved.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
626-6S	Type "S" Fuse – 6.25 Amp	EA	4
626-10S	Type "S" Fuse – 10 Amp	EA	4
626-15S	Type "S" Fuse – 15 Amp	EA	4
626-20S	Type "S" Fuse – 20 Amp	EA	4
626-30S	Type "S" Fuse – 30 Amp	EA	4

PLUG CONT'D

SOO Series • Dual-Element Time-Delay Edison Base Fuses

SOO Fuses are dual-element time delay Type S fuses designed for motor and motor branch-circuit protection; also suitable for all general purpose circuits.



SOO020Z

Littelfuse

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
SOO010Z	0SOO010.Z	SOO Series Plug Fuses	125V	10	GSL10	S-10	EA	4
SOO015Z	0SOO015.Z	SOO Series Plug Fuses	125V	15	GSL15	S-15	EA	4
SOO020Z	0SOO020.Z	SOO Series Plug Fuses	125V	20	GSL20	S-20	EA	4

TOO Series • Dual-Element Time-Delay Edison Base Fuses

TOO Fuses are dual-element time delay Edison-base fuses designed for motor and motor branch-circuit protection; also suitable for all general purpose circuits. Use for replacement purposes only.



TOO020Z

Littelfuse

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
TOO015Z	0TOO015.Z	SOO Series Plug Fuses	125V	15	GT15	T-15	EA	4
TOO020Z	0TOO020.Z	SOO Series Plug Fuses	125V	20	GT20	T-20	EA	4
TOO030Z	0TOO030.Z	SOO Series Plug Fuses	125V	30	GT30	T-30	EA	4

BLADE

ATOF Blade Fuses

Developed by Littelfuse for the automotive industry, the ATOF® fuse has become the original equipment circuit protection standard for foreign and domestic automobiles and trucks. Readily identifiable and easily replaced, this fuse can be specified for a variety of low voltage electronic applications.



ATO010V

Littelfuse

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
ATO003V	0ATO003.V	Fast Acting Automotive Blade Fuse	32V	3	AF3	ATC-3	EA	5
ATO004V	0ATO004.V	Fast Acting Automotive Blade Fuse	32V	4	AF4	ATC-4	EA	5
ATO005V	0ATO005.V	Fast Acting Automotive Blade Fuse	32V	5	AF5	ATC-5	EA	5
ATO07.5V	0ATO07.5V	Fast Acting Automotive Blade Fuse	32V	7.5	AF7-1/2	ATC-7-1/2	EA	5
ATO010V	0ATO010.V	Fast Acting Automotive Blade Fuse	32V	10	AF10	ATC-10	EA	5
ATO15V	0ATO015.V	Fast Acting Automotive Blade Fuse	32V	15	AF15	ATC-15	EA	5
ATO020V	0ATO020.V	Fast Acting Automotive Blade Fuse	32V	20	AF20	ATC-20	EA	5
ATO030V	0ATO030.V	Fast Acting Automotive Blade Fuse	32V	30	AF30	ATC-30	EA	5

BLADE CONT'D

EasyID® Blade Fuses

The EasyID® series of illuminating blade fuses use Light Emitting Diode (LED) technology to indicate that a fuse has opened, making it easy to spot the opened fuse in a dark control panel. It makes it easy for a contractor to troubleshoot a problem and save time.



626-AT05LED

CATALOG NO.	DESCRIPTION	UOM	OM
626-AT03LED	EasyID® Blade Fuse – 3 Amp – Violet, pack of 5	EA	100
626-AT05LED	EasyID® Blade Fuse – 5 Amp – Tan, pack of 5	EA	100

Blade (Auto) Fuses

These fuses are used to protect circuits in the wiring harness that are usually found under the hood, in a fuse panel or supplementary panel near the battery. MAX fuses are used in domestic and import vehicles.



ED-AT3

CATALOG NO.	DESCRIPTION	UOM	OM
ED-AT3	Blade Fuse – 3 Amp – Purple, pack of 5	EA	1
ED-AT5	Blade Fuse – 5 Amp – Tan, pack of 5	EA	1

Blade (Auto) Fuses

These fuses are fast acting low voltage supplementary fuses, automotive blade style fuse.



626-AT0003

CATALOG NO.	DESCRIPTION	UOM	OM
626-AT0003	Blade Fuse – 3 Amp – Purple, pack of 5	EA	100
626-AT0005	Blade Fuse – 5 Amp – Tan, pack of 5	EA	100

GLASS AND ELECTRIC

312 Series • 3AG Fast Acting Fuses

The 312 Series are 3AG Fast-Acting fuses that solve a broad range of application requirements while offering reliable performance and cost-effective circuit protection.

Applications
Used as supplementary protection in appliance or utilization equipment to provide individual protection for components or internal circuits.

Features
In accordance with UL Standard 248-14
Available in cartridge and axial lead format and with various forming dimensions
RoHS compliant and Lead-free



0312001VXP

Littelfuse®

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
0312.125VXP	0312.125VXP	312 Series Lead Free 3AG Fast Acting	250V	0.125	GGC1/8	AGC-1/8-R	EA	5
0312.250VXP	0312.250VXP	312 Series Lead Free 3AG Fast Acting	250V	0.25	GGC1/4	AGC-1/4-R	EA	5
0312.375VXP	0312.375VXP	312 Series Lead Free 3AG Fast Acting	250V	0.375	GGC3/8	AGC-3/8-R	EA	5
0312.500VXP	0312.500VXP	312 Series Lead Free 3AG Fast Acting	250V	0.5	GGC1/2	AGC-1/2-R	EA	5
0312001VXP	0312001.VXP	312 Series Lead Free 3AG Fast Acting	250V	1	GGC1	AGC-1-R	EA	5
031201.5VXP	031201.5VXP	312 Series Lead Free 3AG Fast Acting	250V	1.5	GGC1-1/2	AGC-1-1/2-R	EA	5
0312002VXP	0312002.VXP	312 Series Lead Free 3AG Fast Acting	250V	2	GGC2	AGC-2-R	EA	5
031202.5VXP	031202.5VXP	312 Series Lead Free 3AG Fast Acting	250V	2.5	GGC2-1/2	AGC-2-1/2-R	EA	5
0312003VXP	0312003.VXP	312 Series Lead Free 3AG Fast Acting	250V	3	GGC3	AGC-3-R	EA	5
0312004VXP	0312004.VXP	312 Series Lead Free 3AG Fast Acting	250V	4	GGC4	AGC-4-R	EA	5
0312005VXP	0312005.VXP	312 Series Lead Free 3AG Fast Acting	250V	5	GGC5	AGC-5-R	EA	5
0312006VXP	0312006.VXP	312 Series Lead Free 3AG Fast Acting	250V	6	GGC6	AGC-6-R	EA	5
0312007VXP	0312007.VXP	312 Series Lead Free 3AG Fast Acting	250V	7	GGC7	AGC-7-R	EA	5
0312008VXP	0312008.VXP	312 Series Lead Free 3AG Fast Acting	250V	8	GGC8	AGC-8-R	EA	5
0312010VXP	0312010.VXP	312 Series Lead Free 3AG Fast Acting	250V	10	GGC10	AGC-10-R	EA	5
0312015VXP	0312015.VXP	312 Series Lead Free 3AG Fast Acting	32V	15	GGC15	AGC-15-R	EA	5
0312020VXP	0312020.VXP	312 Series Lead Free 3AG Fast Acting	32V	20	GGC20	AGC-20-R	EA	5
0312025VXP	0312025.VXP	312 Series Lead Free 3AG Fast Acting	32V	25	GGC25	AGC-25-R	EA	5
0312030VXP	0312030.VXP	312 Series Lead Free 3AG Fast Acting	32V	30	GGC30	AGC-30-R	EA	5

GLASS AND ELECTRIC CONT'D

313 Series • 3AB Fast Acting Ceramic Body Fuses



0313003VXP

Littelfuse

The 3AG Slo-Blo® fuse solves a broad range of application requirements while offering reliable performance and costeffective circuit protection.

Features

313 and 315 series fuses have time-delayed in the overload range, which provides superior protection inductive loads such as motors, transformers, and solenoids.

3AG indicating fuses instantly identify themselves upon opening by showing a discoloration of their glass bodies. Guesswork and time-consuming circuit testing is eliminated.

This unique design offers the same quality performance characteristics as the standard 3AG fuse design.

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
0313.500VXP	0313.500VXP	313 Series Lead Free 3AG Fast Acting	250V	0.5	GDL-1/2	MDL-1/2-R	EA	5
0313002VXP	0313002.VXP	313 Series Lead Free 3AG Fast Acting	250V	2	GDL2	MDL-2-R	EA	5
0313003VXP	0313003.VXP	313 Series Lead Free 3AG Fast Acting	250V	3	GDL3	MDL-3-R	EA	5
0313004VXP	0313004.VXP	313 Series Lead Free 3AG Fast Acting	250V	4	GDL4	MDL-4-R	EA	5
0313005VXP	0313005.VXP	313 Series Lead Free 3AG Fast Acting	250V	5	GDL5	MDL-5-R	EA	5
0313007VXP	0313007.VXP	313 Series Lead Free 3AG Fast Acting	250V	7	GDL7	MDL-7-R	EA	5

314 Series • 3AB Fast Acting Ceramic Body Fuse



0314005VXP

Littelfuse

The 3AB Fast-Acting Fuse with ceramic body construction permits higher interrupting ratings and voltage ratings. Ideal for applications where high current loads are expected.

Applications

Used as supplementary protection in appliance or utilization equipment to provide individual protection for components or internal circuits.

Features

In accordance with UL Standard 248-14
Available in cartridge and axial lead format and with various forming dimensions
RoHS compliant and Lead-free

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
0314002VXP	0314002.VXP	314 Series 3AB Fast Acting Ceramic Body Lead-free	250V	2	GAB2	ABC-2-R	EA	5
0314003VXP	0314003.VXP	314 Series 3AB Fast Acting Ceramic Body Lead-free	250V	3	GAB3	ABC-3-R	EA	5
0314005VXP	0314005.VXP	314 Series 3AB Fast Acting Ceramic Body Lead-free	250V	5	GAB5	ABC-5-R	EA	5
0314010VXP	0314010.VXP	314 Series 3AB Fast Acting Ceramic Body Lead-free	250V	10	GAB10	ABC-10-R	EA	5
0314012VXP	0314012.VXP	314 Series 3AB Fast Acting Ceramic Body Lead-free	250V	12	GAB12	ABC-12-R	EA	5
0314015VXP	0314015.VXP	314 Series 3AB Fast Acting Ceramic Body Lead-free	250V	15	GAB15	ABC-15-R	EA	5
0314020VXP	0314020.VXP	314 Series 3AB Fast Acting Ceramic Body Lead-free	250V	20	GAB20	ABC-20-R	EA	5
0314025VXP	0314025.VXP	314 Series 3AB Fast Acting Ceramic Body Lead-free	125V	25	GAB25	ABC-25-R	EA	5
0314030VXP	0314030.VXP	314 Series 3AB Fast Acting Ceramic Body Lead-free	125V	30	GAB30	ABC-30-R	EA	5

GLASS AND ELECTRIC CONT'D

235 Series • Fast Acting Glass Fuse

5×20mm fast-acting glass body cartridge fuse designed to UL specification.



0235001VXP

Littelfuse

CATALOG NO.	SUPPLIER PART ID	TYPE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
0235001VXP	**0235001.VXP**	Series 235 Fast Acting Glass Fuse 250V	250V	1	GGM1	GMA-1-R	EA	5
0235003VXP	**0235003.VXP**	Series 235 Fast Acting Glass Fuse 250V	250V	3	GGM3	GMA-3-R	EA	5
0235005VXP	**0235005.VXP**	Series 235 Fast Acting Glass Fuse 250V	125V	5	GGM5	GMA-5-R	EA	5
0235006VXP	**0235006.VXP**	Series 235 Fast Acting Glass Fuse 250V	125V	6	GGM6	GMA-6-R	EA	5

FUSE BLOCKS, HOLDERS AND ACCESSORIES

Power Distribution Blocks

The Littelfuse Class H/K5 and R blocks offer many benefits such as indication, snap-to-release DIN rail mounting and universal mounting holes. Class H and Class R fuse blocks are dimensionally the same, but Class R blocks incorporate a rejection feature, which only allows Class R fuses to be inserted.

Features
Added safety to personnel
Ventilated to avoid fuse derating
Reusable
UL listed and CSA certified
Available for Class H/R, Class J, Class T and Class CD
Convenient snap-on feature
Allows visibility of indicator fuse block light



LD14401Z

Littelfuse

CATALOG NO.	SUPPLIER PART ID	TYPE	POLE	VOLTS	AMPS	MERSEN-GOULD SHAWMUT	BUSSMAN-FUSETRON	UOM	OM
LD14401Z	**0LD14401Z**	Block	1	600V	30	NO CROSS	NO CROSS	EA	5
LFR250302C	**LFR250302C**	Block	2	250V, 600V	30	20307R	RM25030-2CR	EA	5
LFR600302CID	**LFR600302CID**	Block	2	250V, 600V	30	60307R	RM60030-2CR	EA	5
LFR600303CID	**LFR600303CID**	Block	3	250V, 600V	30	60308R	RM60030-3CR	EA	5
LFR250303C	**LFR250303C**	Block	3	250V, 600V	30	20308R	RM25030-3CR	EA	5
LFH250603CID	**LFH250603CID**	Block	3	250V, 600V	60	20608	HM25060-3CR	EA	5
LFR250603CID	**LFR250603CID**	Block	3	250V, 600V	60	20608R	RM25060-3CR	EA	5
LFR600603CID	**LFR600603CID**	Block	3	250V, 600V	60	60608R	RM60060-3CR	EA	5
LFR251003	**LFR251003C**	Block	3	250V, 600V	100	21038R	RM25100-3CR	EA	5
LFR601003CID	**LFR601003CID**	Block	3	250V, 600V	100	61038R	RM60100-3CR	EA	5
LFD25703Z	**LFD25703Z**	Block	3	600V	175	63133	16220-3	EA	5

IGNITERS

Round Silicon Nitride Igniter

Features

Round | Made of durable Silicon Nitride | OEM direct replacements

Features

5.5" Leads with connector
Mounting bracket included
120 Volt



IG1121N

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1121N	Goodman B1401015 Modine 5H075032B	EA	1

Features

5.5" Leads with connector
120 Volt



IG1408N

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1408N	Amana 340039P01 Lennox 98P78	EA	1

Features

5.5" Leads with connector
Gasket included
120 Volt



IG1401N

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1401N	Amana 10041601 Starlite 11120-100-1401	EA	1

Features

5.5" Leads with connector
120 Volt



IG1409N

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1409N	Carrier LH33ZS001 Weil McLain 511-330-139	EA	1

Features

19" Leads with wire nuts
120 Volt



IG1402N

Packard

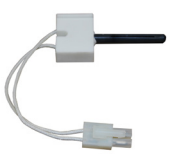
CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1402N	Amana 10755002 Rheem 62-22441-01	EA	1

Features

5.5" Leads with connector
120 Volt

IG1410N

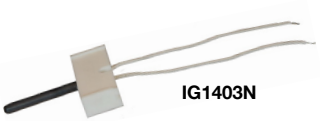
Packard



CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1410N	Amana B144676P01 Trane B144676P01	EA	1

Features

5.5" Leads with wire nuts
120 Volt



IG1403N

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1403N	Amana B138196P01 Trane B138196P01	EA	1

Features

Includes bracket & connector
120 Volt



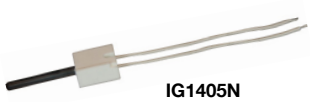
IG1411N

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1411N	Norton 271N Rheem 62-22868-82	EA	1

Features

5.5" Leads with wire nuts
120 Volt



IG1405N

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1405N	Heil Quaker 1001344 York 025-29043-000	EA	1

Features

5.5" Leads with connector
Includes bracket & wire nuts
120 Volt



IG1414N

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1414N	Norton 271NM Goodman B14010-15S	EA	1

IGNITERS

Round Silicon Nitride Igniter

Features

Round | Made of durable Silicon Nitride | OEM direct replacements

Features

80 Volt

IG00145N



CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG00145N	Trane IGN00104	EA	1

Features

Universal round glo-stix
120 Volt

IG1000N



CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1000N	Norton 201D	EA	1

Features

120 Volt

IG00152N



CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG00152N	Trane IGN00146	EA	1

Features

24 Volt

IG9500



CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG9500	Honeywell Q3480 ICP 1149856	EA	1

Features

5.5" Leads with connector
120 Volt

Raypak 600915
Trane IGN26



IG1412N

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1412N	Goodman B1401009 ICP 1009604	EA	1

Features

120 Volt

IG0004N



CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG0004N	Carrier LH33ZS004	EA	1

Features

5.5" Leads with wire nuts
120 Volt

IG3033N



CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG3033N	Raypak 600915 Trane IGN26	EA	1

Features

5.5" Leads with connector
120 Volt



IG1114N

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1114N	Trane B340039P01 Starlite 11120-100-1408	EA	1

Features

5.5" Leads with wire nuts
120 Volt



IG4000N

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG4000N	Heil Quaker 1001344 York 025-27766-00	EA	1

Features

5.5" Leads with connector
120 Volt



IG1100N

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
IG1100N	Lennox 98P78 Rheem 62-2268-92	EA	1

FLAME SENSORS

Flame Sensors

Features

Flame sensors for Hot Surface Ignition (H.S.I.) systems | For use with spark ignition and flame sensing
High quality alumina ceramic insulator | High temperature kanthal flame rod material that can withstand up to 1800°F

Features

1/4" male connection
Overall length 3 3/4"
Probe length 2 1/2"



PFS010

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS010	Goodman 0130F00010	EA	1

Features

90°
Termination 1/4" male quick connect
Single screw, plated steel
mounting bracket



PFS043

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS043	Lennox 69W43	EA	1

Features

Teflon insulated
(250°C rating) lead wire



PFS013

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS013	Carrier LH680013, LH33WZ514	EA	1

Features

Single screw, plated steel
mounting bracket
Single rod
1/4" male connection



PFS053

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS053	York S1-SCP-9007053	EA	1

Features

Teflon insulated
(250°C rating) lead wire
45°



PFS014

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS014	6-62442-18179-4, Carrier LH33WZ511	EA	1

Features

90°
Length of mounting flange
to sensor tip 2 1/4"
Length of sensor offset 3 1/4"
Bracket included

PFS081



Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS081	Lennox 40L81	EA	1

Features

90°
Termination 1/4" male quick connect
Single screw, plated steel
mounting bracket



PFS027

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS027	ICP/Heil Quaker 1172827	EA	1

Features

Single screw, plated steel
mounting bracket
Termination 1/4" male quick connect



PFS087

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS087	ICP/Heil Quaker 1172827	EA	1

Features

Termination 1/4" male quick connect
Single screw, plated steel
mounting bracket



PFS029

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS029	Lennox 52W29	EA	1

Features

90°
Termination 1/4" male quick connect
Single screw, plated steel
mounting bracket



PFS097

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS097	Lennox/Ducane 28M97	EA	1

FLAME SENSORS

Flame Sensors

Features

Flame sensors for Hot Surface Ignition (H.S.I.) systems | For use with spark ignition and flame sensing
High quality alumina ceramic insulator | High temperature kanthal flame rod material that can withstand up to 1800°F

Features

75°
Single screw, plated steel mounting bracket
Termination 1/4" male quick connect



PFS114

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS114	Trane SEN01114	EA	1

Features

90°
Termination 1/4" male quick connect



PFS214

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS214	Lennox 51M14	EA	1

Features

90°
Length - mounting flange to sensor tip: 2 1/2"
Length - sensor offset: 1 9/16"



PFS301

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS301	Rheem 62-23543-01	EA	1

Igniters

TrueStart Silicon Carbide Hot Surface Ignitor with 11 in. lead wires with stripped ends, and 2.66 in. wide special connector with mounting holes.



780-403

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
780-001	–	EA	1
780-401	Robertshaw 41-401	EA	1
780-402	White-Rodgers 767A-371	EA	1
780-403	Robertshaw 41-403	EA	1
780-409	White-Rodgers 767A-372	EA	1

Features

Probe length 3"
Teflon insulated (250°C rating) lead wire
30" lead with a female connection



PFS401

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS401	31380679	EA	1

Features

Single screw, plated steel mounting bracket
Single Rod
Probe length 4"



PFS700

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS700	Coleman 025-30788-700 York 025-25434-700	EA	1

Features

Probe length 3"
1/4" male connection
Single Rod



PFS802

Packard

CATALOG NO.	DIRECT REPLACEMENT FOR	UOM	OM
PFS802	ICP 1380687 York 025-27773-700	EA	1

Heating Cables

Self-regulating heating cables that give the installer the ultimate in flexibility.



HC-09

CATALOG NO.	DESCRIPTION	UOM	OM
HC-09	Heating Cables	EA	1

STANDARD WHIPS

Mini-Split Kit



MSK001-6

Applications

A/C disconnect, small electrical panels, pool/well pumps

Features

Non-metallic electrical whip 1/2"x 4' (MSK001 & MSK002)
Non-metallic electrical whip 1/2"x 6' (MSK001-6)
5/8" Drain Hose (MSK002)
Disconnect 60 Amp non-fused metallic
Non-fused pullout
Rated NEMA 3R for outdoor use
Line, load, and ground terminals aligned for easy hook up
with heavy wires
Rear, bottom and side entry knockouts
Heavy gauge steel case
Large internal wiring space
Ditek Surge protector PSP72KA
Weatherproof Encl.
Parallel connection for easy installation
Diagnostic LED provides positive indication of power,
ground presence and surge protection
Automatically resets to handle multiple surge events
Half the response time as similar models
Wall sleeve and fitting

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
MSK001	Mini Split Kit (Includes 4' Whip)	EA	1
MSK001-6	Mini Split Kit (Includes 6' Whip)	EA	1
MSK002	Mini Split Kit 2 (Includes 5/8" Drain Hose)	EA	1
MSK012-6	Mini-Split Installation Kit - 3/4 in. X 6 ft. Whip, DDS-60U, Surge Protection, Drain Line Fitting, and Wall Sleeve	EA	1
MSK003-6	Mini-Split Installation Kit - 3/4 in. X 6 ft. Whip, DDS-60, Surge Protection, Drain Line Fitting, and Wall Sleeve	EA	1
MSK003F-6	Mini-Split Installation Kit - 1/2 in. X 6 f. Whip, DDS-60U, Surge Protection, Drain Line Fitting, and Wall Sleeve	EA	1

GFCI Whip Assembly for Furnace



FKM-12-8GFCI

Applications

The DiversiTech® FKM-12-8GFCI Furnace Whip Assembly offers a quick and easy solution for furnace installations and replacements.

Each pre-assembled kit comes with a pre-wired GFCI outlet and switch and 8 feet of flexible metallic conduit between the GFCI outlet and the electrical box for flexible placement during installs.

Mounting hardware and electrical accessories are also included for an all-in-one solution.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
FKM-12-8GFCI	Metallic Whip Assembly for Furnaces - 8 Foot Long 1/2 inch Metal Conduit with Junction Box and Switched GFCI Outlet	EA	1
FKM-12-6GFCI	Metallic Whip Assembly for Furnaces - 6 Foot Long 1/2 inch Metal Conduit with Junction Box and Switched GFCI Outlet	EA	1

Aluminum Armored MC Cable

90°, C Rated aluminum metal clad cable system. THHN solid copper with specially compounded heat-resistant U.L. Listed insulation and jacket. Flexible interlocked aluminum armor. Extremely durable – withstands severe handling. U.L. Listed #4. Conforms to NEC article 333.



640-122

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
640-122	12-2 Aluminum Armored MC Cable – 100' per roll	EA	1
640-142	14-2 Aluminum Armored MC Cable – 100' per roll	EA	1

Cable Staples

Cable Staples for NMB Cable (Romex) and Copper Insulated Staples for thermostat wire.



625-183

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
625-183	Romex Staples – 1/2", pack of 100	PK	1

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

CONDUIT, FITTINGS, CABLE

DiversiTite™ Flexible Conduit

For electrical applications: outside, inside and industrial uses including transformer connections, air conditioning and heating. Joins with metallic or non-metallic connectors, easy to cut. Impact resistant, chemical resistant, and will not kink. U.L. and C.U.L. Listed. For use as indicated in Article 351 of the 1987 NEC.



750-12100

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
750-38100	3/8" x 100' Liquid Tite Conduit – Non-Metallic, 100' per roll	EA	1
750-12100	1/2" x 100' Liquid Tite Conduit – Non-Metallic, 100' per roll	EA	1
750-500	1/2" x 100' Liquid Tite Conduit – Metallic, 100' per roll	EA	1
750-34100	3/4" x 100' Liquid Tite Conduit – Non-Metallic, 100' per roll	EA	1
750-600	3/4" x 100' Liquid Tite Conduit – Metallic, 100' per roll	EA	1
750-10100	1" x 100' Liquid Tite Conduit – Non-Metallic, 100' per roll	EA	1
750-125100	1-1/4" x 100' Liquid Tite Conduit – Non-Metallic, 100' per roll	EA	1
750-1550	1-1/2" x 50' Liquid Tite Conduit – Non-Metallic, 50' per roll	EA	1
750-2050	2" x 50' Liquid Tite Conduit – Non-Metallic, 50' per roll	EA	1
750-10500	1" x 500' Liquid Tite Conduit – Non-Metallic, 500' per roll	EA	1
750-121000	1/2" x 1000' Liquid Tite Conduit – Non-Metallic, 1000' per roll	EA	1
750-34800	3/4" x 800' Liquid Tite Conduit – Non-Metallic, 800' per roll	EA	1

Romex Connectors – Metallic

These Metallic Romex Connectors are made of zinc die cast are cable connectors for Romex wire. U.L. Listed C.S.A. Approved.



750-RC842

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
750-RC841	3/8" Romex Connector for 1/2" Knock-outs	EA	100
750-RC842	3/4" Romex Connector for 3/4" Knock-outs	EA	50

U.L. Listed and C.S.A. Approved.

BX Set Screw Connectors

These connectors are for BX cable range of .445 to .630 in diameter. This product is UL listed and CSA approved.



640-845

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
640-845	Trade Size – 3/8"	PK	100

Evaporator Cooler Whip

A whip designed for labor saving convenience when hooking up an evaporative cooling unit. A 10 ft. whip with 5 distinctly colored wires. One straight and one 90 degree non-metallic connector included.



6-12-10NM-EVAP

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
6-12-10NM-EVAP	1/2" x 6' #12 THHN Wire – Non-Metallic Connectors, Up to 30 Amp	EA	6

EMT (Thinwall) Fittings

These are used to join EMT conduit to boxes on Encl.s.



625-800



625-810



625-304

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
625-800	Set Screw Connector – 1/2"	EA	50
625-801	Set Screw Connector – 3/4"	EA	25
625-304	Strap – One Hole – 1/2"	EA	100
625-305	Strap – One Hole – 3/4"	EA	100
625-810	Set Screw Coupling – 1/2"	EA	50
625-811	Set Screw Coupling – 3/4"	EA	25

CONDUIT, FITTINGS, CABLE CONT'D

Single Piece Liquid Tite Fittings

Conduit threads onto ferrule and up inside the outer body. An inside taper squeezes down on the outside of conduit for a superior liquid tight seal. The cut portion of the conduit does not show, giving a more finished appearance. Easy to use at a lower cost than regular liquid tite fittings.



750-SLTC9050



750-SLTC50

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
750-SLTC50	1/2" Straight Screw-On Fitting	EA	25
750-SLTC9050	1/2" 90° Screw-On Fitting	EA	25
750-SLTC75	3/4" Straight Screw-On Fitting	EA	25
750-SLTC9075	3/4" 90° Screw-On Fitting	EA	25

Two-Piece Liquid Tite Fittings

These 2-piece Liquid Tite compression fittings are for use with non-metallic Type B Liquid Tite conduit to terminate and seal conduit to Encl.s. Easy to use with no disassembly required, cULus listed.



750-2LTC50

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
750-2LTC50	1/2" Straight, 2-piece Compression, Non-Metallic, Liquid Tite Fitting	EA	25
750-2LTC9050	1/2" 90°, 2-piece Compression, Non-Metallic, Liquid Tite Fitting	EA	25
750-2LTC75	3/4" Straight, 2-piece Compression, Non-Metallic, Liquid Tite Fitting	EA	25
750-2LTC9075	3/4" 90°, 2-piece Compression, Non-Metallic, Liquid Tite Fitting	EA	25

Liquid Tite Connectors

For use with metallic and non metallic liquid tite conduit, Type B. Provides smooth connection, no sharp edges to strip wire. Wiring easily pulled through. U. L. Listed. C.U.L. Listed.



750-MLT50



750-NMLT50



750-NMLT9050

CATALOG NO.	DESCRIPTION	UOM	OM
750-NMLT125	1-1/4" Non-Metallic Straight Connector	EA	1
750-NMLT150	1-1/2" Non-Metallic Straight Connector	EA	10
750-NMLT90125	1-1/4" Non-Metallic 90° Elbow Connector	EA	1
750-NMLT5090-F	1/2" Non-Metallic Adjustable Connector	EA	10
750-NMLT7590-F	3/4" Non-Metallic Adjustable Connector	EA	10
750-TZNMLT200	2" NM Topaz	EA	2
750-TZNMLT150	1-1/2" NM Topaz	EA	5
750-TZNMLT90150	1-1/2" NM Topaz 90°	EA	2
750-TZNMLT125	1-1/4" NM Topaz	EA	5
750-TZNMLT90125	1-1/4" NM Topaz 90°	EA	2
750-TZNMLT100	1" NM Topaz	EA	5
750-TZNMLT90100	1" NM Topaz 90°	EA	5
750-TZNMLT38	3/8" NM Topaz	EA	10
750-TZNMLT9038	3/8" NM Topaz 90°	EA	25
750-TZNMLT9050	1/2" NM Topaz 90°	EA	10
750-TZNMLT9075	3/4" NM Topaz 90°	EA	10
750-NMLT50	1/2" Non-Metallic Straight Connector	EA	25
750-NMLT4550	1/2" Non-Metallic 45° Elbow Connector	EA	10
750-NMLT9050	1/2" Non-Metallic 90° Elbow Connector	EA	10
750-NMLT75	3/4" Non-Metallic Straight Connector	EA	10
750-NMLT4575	3/4" Non-Metallic 45° Elbow Connector	EA	10
750-NMLT9075	3/4" Non-Metallic 90° Elbow Connector	EA	10
750-NMLT100	1" Non-Metallic Straight Connector	EA	5
750-NMLT90100	1" Non-Metallic 90° Elbow Connector	EA	5
750-MLT50	1/2" Metallic Straight Connector	EA	25
750-MLT9050	1/2" Metallic 90° Elbow Connector	EA	10
750-MLT75	3/4" Metallic Straight Connector	EA	10
750-MLT9075	3/4" Metallic 90° Elbow Connector	EA	10

Visit DiversiTech.com for full offering.

NOTE: Item numbers in RED indicate Made in the U.S.A.

WHIPS CONT'D

DiversiWhips

Liquid tight flexible conduit system. A labor saving convenience kit for A/C unit hookup. Also use for heat pumps, refrigeration, hot tubs, swimming pools and outdoor lighting. Three distinct wire colors for ease of hook up. 1 straight and 1 90 degree metallic or non metallic connector. 90 degree connector is removable for straight connections. (Second straight connector not included.) U.L. and C.U.L Listed.



6-12-4

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
6-12-4	1/2" x 4' #10 THHN Wire – Metallic Connectors	EA	6
6-12-6	1/2" x 6' #10 THHN Wire – Metallic Connectors	EA	6
6-34-4	3/4" x 4' #8 THHN Wire – Metallic Connectors	EA	6
6-34-6	3/4" x 6' #8 THHN Wire – Metallic Connectors	EA	6
6-34-8	3/4" x 8' #8 THHN Wire – Metallic Connectors	EA	6
6-12-4NM	1/2" x 4' #10 THHN Wire – Non-Metallic Connectors	EA	6
6-12-6NM	1/2" x 6' #10 THHN Wire – Non-Metallic Connectors	EA	6
6-34-4NM	3/4" x 4' #8 THHN Wire – Non-Metallic Connectors	EA	6
6-34-6NM	3/4" x 6' #8 THHN Wire – Non-Metallic Connectors	EA	6
6-34-8NM	3/4" x 8' #8 THHN Wire – Non-Metallic Connectors	EA	6
6-12-6NMS	1/2" x 6' #10 THHN Wire – 2 Non-Metallic Straight Connectors	EA	6
6-34-6NMS	3/4" x 6' #8 THHN Wire – 2 Non-Metallic Straight Connectors	EA	6
6-12-6NM-2	1/2" x 6' #10 THHN Wire, 2-piece Non-Metallic Connectors	EA	6
6-34-6NM-2	3/4" x 6' #8 THHN Wire, 2-piece Non-Metallic Connectors	EA	6

*For DiversiWhips produced with 2 straight connectors, add S to part number (ex: 6-12-4S)

DiversiWhip - Up to 30 Amp

An economical whip for applications up to 30 Amp. A labor saving convenience kits for A/C hookup, heat pumps, refrigeration, hot tubs, swimming pools and outdoor lighting. One straight and one 90 degree non-metallic connector included.



6-12-6NMP

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
6-12-6NMP	1/2" x 6' #12 THHN Wire – Non-Metallic Connectors, Up to 30 Amp	EA	6

DiversiWhips Pallet Packs

DiversiWhips are now available in a convenient, bulk packaged pallet pack at a discounted price. Pallet pack makes an attractive floor standing display. 1 straight and 1 90 degrees metallic or non metallic connector.



B6-12-4

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
B6-12-4	1/2 x 4' #10 THHN Wire – Metallic Connectors	EA	90
B6-12-6	1/2 x 6' #10 THHN Wire – Metallic Connectors	EA	60
B6-34-6	3/4 x 6' #8 THHN Wire – Metallic Connectors	EA	45
B6-12-4NM	1/2 x 4' #10 THHN Wire – Non-Metallic Connectors	EA	90
B6-12-6NM	1/2 x 6' #10 THHN Wire – Non-Metallic Connectors	EA	60
B6-34-4NM	3/4 x 4' #8 THHN Wire – Non-Metallic Connectors	EA	60
B6-34-6NM	3/4 x 6' #8 THHN Wire – Non-Metallic Connectors	EA	45

DiversiWhips for the Swimming Pool Industry

A labor saving kit for hookup of swimming pool motors, pumps, filters, and timers. Three distinct wire colors for ease of hookup. 1 straight and 1 90 degree non-metallic connector included.



6-12-4NMSWP

CATALOG NO.	DESCRIPTION	UOM	OM
6-12-4NMSP	1/2" x 4' #10 THHN Wire – In Box	EA	6
6-12-6NMSP	1/2" x 6' #10 THHN Wire – In Box	EA	6
6-34-4NMSP	3/4" x 4' #8 THHN Wire – In Box	EA	6
6-34-6NMSP	3/4" x 6' #8 THHN Wire – In Box	EA	6
SOLID WIRE WHIPS			
6-12-4NMSWP	1/2" x 4' #12 Solid 3 Wire – Non-Metallic Connectors	EA	6
6-12-6NMSWP	1/2" x 6' #12 Solid 3 Wire – Non-Metallic Connectors	EA	6
6-12-8NMSWP	1/2" x 8' #12 Solid 3 Wire – Non-Metallic Connectors	EA	3

DiversiWhips with Extended Length Wires

DiversiWhips are available with extra long lead wires for those difficult to wire applications. These whips offer 10in. of lead wire on the straight side and 18in. of lead wire on the 90 degree side.



6-12-4R

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
6-12-6NMR	1/2 x 6' #10 THHN Wire – Non-Metallic Connectors	EA	6
6-34-6NMR	3/4 x 6' #8 THHN Wire – Non-Metallic Connectors	EA	6

METALLIC AND NON-METALLIC

Disconnects - Metallic



PD60NF

Features

Non-Fused Pullout
Rated NEMA 3R for outdoor use
Line, load, and ground terminals aligned for easy hook up with heavy wires
Full dead front
Knockouts accommodate three sizes (1/2", 3/4", and 1")
Rear, bottom and side entry knockouts
Heavy gauge steel case
Large internal wiring space
Individually wrapped in boxes of 6
Folding pivot locking tab

CATALOG NO.	DESCRIPTION	FUSED	UOM	OM
PD60NF	60 Amp Non Fused Metal	No	EA	6
PD30F	30 Amp Fused Metal	Yes	EA	6
PD60F	60 Amp Fused Metal	Yes	EA	6

Dimensions (LxWxH): 8.77 x 5.45 x 3.18

Disconnects - Non-Metallic



PD-NM-60F

Features

Amperage Rating: 30 and 60A
Rated NEMA 3R for outdoor use
Non-fused pullout
Standard 1/4" head screw on dead front
Plastic non-metallic Encl.s have a single unit door and protective shield for installer convenience
Plastic non-metallic Encl.s are durable and provide excellent weather resistance
Rear, bottom and side entry knockouts
Individually wrapped in boxes of 6
Great for salt air regions

CATALOG NO.	DESCRIPTION	FUSED	UOM	OM
PD-NM-60NF	60 Amp Non Fused Plastic	No	EA	6
PD-NM-30F	30 Amp Fused Plastic	Yes	EA	6
PD-NM-60F	60 Amp Fused Plastic	Yes	EA	6

Dimensions (LxWxH): 8.81 x 6.26 x 4.39

Disconnects—Metal Case

Fused model designed with fuses in pull out handle for easy replacement. The line, load, and ground terminals are aligned for ease of wiring. The fused models have indicator lights for blown fuses. This is rain tight and sleet resistant. The UL Listed number is IRF9, NEMA Type 3R and the US Patent is 6,630,637.



DDS-60

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
DDS-30	30A Fusible Disconnect Switch	EA	10
DDS-60	60A Fusible Disconnect Switch	EA	10
DDS-60U	60A Non-Fusible Disconnect Switch	EA	10

Disconnects — Non-Metallic Case

This 60 Amp non-fusible disconnect is housed in a lightweight, non-metallic case. It features a side opening door with more than 180° access, full dead front, and a locking tab.



750-P60NF

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
750-P60NF	60A Non Fusible Disconnect Switch, Non-Metallic Case, Plastic	EA	10

Molded Case Switch Disconnect

The DDS-60SW Molded Case Switch Disconnect is rugged and easy to use like an ordinary light switch. It eliminates the pullout handle used in traditional AC disconnects and is easy to install. It is UL listed and rated for inoor and outdoor applications with NEMA 3R rating.



DDS-60SW

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
DDS-60SW	Molded Case Switch Disconnect, 60A 240 VAC	EA	10

3 Pole Switch for Mini-Splits

Three-pole, 30 Amp, 600 Volt rated disconnect switch provides safe, reliable manual ON/OFF switching control for Mini-splits and HVAC systems. This switch meets the local code requirements of breaking both the power lines (L1 and L2) and the communication line of the mini-split's indoor unit for service.



755-303SW

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
755-303SW	3 Pole Switch for Mini-Splits	EA	1

DIVERSITECH ELECTRICAL DISCONNECTS

Low Profile Disconnects-Metal Case

This low profile disconnect switch is a slightly smaller design than that of the standard DiversiTech disconnects. This has a side opening door with a full dead front. This is rain tight and sleet resistant. The UL Listed number is IRF9, NEMA Type 3R.



EDS-60U



EDS-12-6NM

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
EDS-60U	60A Non-Fusible Disconnect Switch	EA	10
EDS-12-6NM	Disconnect and Whip Combo Kit	EA	3

EATON ELECTRICAL DISCONNECTS

Eaton Switch A/C Disconnect

This A/C Disconnect is 60 Amps switch rated for 10 HP motors at 240VAC. The switch is an on off circuit breaker with no pull out head that could be lost or stolen. It has easy-to-remove front cover with no screws or fasteners to remove.



DPB222R

CATALOG NO.	DESCRIPTION	UOM	OM
DPB222R	60A molded case switch	EA	1
DPU222R	60A air conditioning disconnect	EA	1
DPF221R	30A fusible case disconnect	EA	1
DPF222R	60A fusible disconnect	EA	1

Eaton Heavy-Duty Disconnect

Eaton's heavy-duty safety switches with enhanced visible blade provide a highly visible means of disconnect to help improve personnel safety and equipment protection. Additionally, they're ideal for applications where reliable performance, safety, and service continuity are critical.



DH361FRK

CATALOG NO.	DESCRIPTION	UOM	OM
DH361URK	30A Non-Fused 600V	EA	1
DH361FRK	30A Fused 600V	EA	1
DH362FRK	60A Fused 600V	EA	1
DH363FRK	100A Fused 600V	EA	1

Eaton Three Phase Disconnects

These disconnects are UL listed and meet UL 98 for enclosed switches and NEMA Std. KS-1. They are suitable as service entrance equipment when applied with neutral or ground lug kit. They come with rainproof NEMA 3R Enclosure.



DG322NRB

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
DG321NRB	Fusible 30 Amp, 240VAC	EA	1
DG322NRB	Fusible 60 Amp, 240VAC	EA	1
DG322URB	Non-fusible 60 Amp, 240VAC	EA	1
DG322NGB	Fusible 60 Amp, 240VAC	EA	1
DG323NGB	Fusible 100 Amp, 240VAC	EA	1
DG324NGK	Fusible 200 Amp, 240VAC	EA	1

CONTACTORS

Definite Purpose Contactors with Cross References

Features

Electrical endurance
Multiple configurations
Long mechanical life
Compact footprint
Fully enclosed body
Meets ARI 780/790 standard



TMX330C2

TITAN MAX®

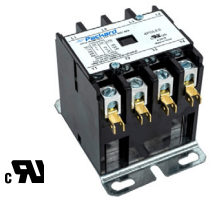
DROP IN FURNAS REPLACEMENT

CATALOG NO.	F/L INDUC-TIVE AMPS	LOCKED ROTOR AMPS 240/480/600	RESISTIVE AMPS	COIL VOLTAGE	INDUSTRY NO.	DIRECT REPLACEMENT FOR FURNAS			ACCEPTS AUX. SWITCH*
Titan Max 1 Pole									
TMX125A2	25	150/125/100	35	24	—	45DG10AJA	—	—	—
TMX125B2	25	150/125/100	35	120	—	45DG10AFA	—	—	—
TMX125C2	25	150/125/100	35	208-240	—	45DG10AGA	—	—	—
TMX130A2	30	180/150/120	40	24	61720	45EG10AJA	45EG10AJAL	—	—
TMX130B2	30	180/150/120	40	120	61721	45EG10AFA	45EG10AFAL	—	—
TMX130C2	30	180/150/120	40	208-240	61722	45EG10AGA	45EG10AGAL	—	—
TMX140A2	40	240/200/160	50	24	61730	45GG10AJA	45GG10AJAL	—	—
TMX140B2	40	240/200/160	50	120	61731	45GG10AFA	45GG10AFAL	—	—
TMX140C2	40	240/200/160	50	208-240	61732	45GG10AGA	45GG10AGAL	—	—
Titan Max 2 Pole									
TMX225A2	25	150/125/100	35	24	—	42AF15AJ	45DG20AJ	—	—
TMX225B2	25	150/125/100	35	120	—	42AF15AF	45DG20AF	—	—
TMX225C2	25	150/125/100	35	208-240	—	42AF15AG	45DG20AG	—	—
TMX230A2	30	180/150/120	40	24	61745	42BF15AJ	45EG20AJ	45EG20AJL	—
TMX230B2	30	180/150/120	40	120	61746	42BF15AF	45EG20AF	45EG20AFL	—
TMX230C2	30	180/150/120	40	208-240	61747	42BF15AG	45EG20AG	45EG20AGL	—
TMX240A2	40	240/200/160	50	24	61755	42CF15AJ	45GG20AJ	45GG20AJL	—
TMX240B2	40	240/200/160	50	120	61756	42CF15AF	45GG20AFL	—	—
TMX240C2	40	240/200/160	50	208-240	61757	42CF15AG	45GG20AG	45GG20AGL	—
Titan Max 3 Pole									
TMX330A2	30	180/150/120	40	24	61430	42BF35AJ	—	—	Yes
TMX330B2	30	180/150/120	40	120	61431	42BF35AF	—	—	Yes
TMX330C2	30	180/150/120	40	208-240	61432	42BF35AG	—	—	Yes
TMX340A2	40	240/200/160	50	24	61445	42CF35AJ	—	—	Yes
TMX340B2	40	240/200/160	50	120	61446	42CF35AF	—	—	Yes
TMX340C2	40	240/200/160	50	208-240	61447	42CF35AG	—	—	Yes
TMX350A2	50	300/250/200	65	24	61460	42DF35AJ	—	—	Yes
TMX350B2	50	300/250/200	65	120	61461	42DF35AF	—	—	Yes
TMX350C2	50	300/250/200	65	208-240	61462	42DF35AG	—	—	Yes
TMX360A2	60	360/300/240	75	24	61470	42EF35AJ	—	—	Yes
TMX360B2	60	360/300/240	75	120	61471	42EF35AF	—	—	Yes
TMX360C2	60	360/300/240	75	208-240	61472	42EF35AG	—	—	Yes
TMX375A2	75	450/375/300	90	24	61480	42FE35AJ106	—	—	Yes
TMX375B2	75	450/375/300	90	120	61481	42FE35AF106	—	—	Yes
TMX375C2	75	450/375/300	90	208-240	61482	42FE35AG106	—	—	Yes
TMX390A2	90	540/450/360	120	24	61490	42GE35AJ106	—	—	Yes
TMX390B2	90	540/450/360	120	120	61491	42GE35AF106	—	—	Yes
TMX390C2	90	540/450/360	120	208-240	61492	42GE35AG106	—	—	Yes
Titan Max 4 Pole									
TMX430A2	30	180/150/120	40	24	—	42BF25AJ	—	—	Yes
TMX430B2	30	180/150/120	40	120	—	42BF25AF	—	—	Yes
TMX430C2	30	180/150/120	40	208-240	—	42BF25AG	—	—	Yes
TMX440A2	40	240/200/160	50	24	—	42CF25AJ	—	—	Yes
TMX440B2	40	240/200/160	50	120	—	42CF25AF	—	—	Yes
TMX440C2	40	240/200/160	50	208-240	—	42CF25AG	—	—	Yes

*Flexible auxiliary switch options allow you to select any of the Titan Max auxiliary switches depending on your application. **TMX1NC** (SPST NC), **TMX1NO** (SPST NO), **TMX2NC** (DPST NC), **TMX2NO** (DPST NO), **TMX1NC/NO** (DPST 1NC + 1NO), **TMXSPDT1** (SPDT - left position), **TMXSPDT2** (SPDT - right position), **TMX2SPDT** (2xSPDT) will fit any 3 pole, 30 – 60 Amp Titan Max contactor. **TMX7590NO** (SPST NO), **TMX7590NC** (SPST NC), **TMX7590SPDT** (SPDT) will fit any 3 pole, 75 – 90 Amp Titan Max contactor.

CONTACTORS CONT'D

Packard Definite Purpose Contactors



C430A

Packard

Features

Contactors meet UL508 specifications for devices up to 600 Vac.
50/60 Hertz
Coils have class B insulation
Includes lugs, spade terminals and covers
All single pole include shunt

CATALOG NO.	POLES	F/L INDUCTIVE AMPS	LOCKED ROTOR AMPS 240/480/600	RESISTIVE AMPS	COIL VOLTAGE
1 Pole					
C125A	1+	25	150/125/100	35	24
C125B	1+	25	150/125/100	35	120
C125C	1+	25	150/125/100	35	208/240
C130A	1+	30	180/150/120	40	24
C130B	1+	30	180/150/120	40	120
C130C	1+	30	180/150/120	40	208/240
C140A	1+	40	240/200/160	50	24
C140B	1+	40	240/200/160	50	120
C140C	1+	40	240/200/160	50	208/240
2 Pole					
C220A	2	20	120/100/80	30	24
C220B	2	20	120/100/80	30	120
C220C	2	20	120/100/80	30	208/240
C225A	2	25	150/125/100	35	24
C225B	2	25	150/125/100	35	120
C225C	2	25	150/125/100	35	208/240
C230A	2	30	180/150/120	40	24
C230B	2	30	180/150/120	40	120
C230C	2	30	180/150/120	40	208/240
C230D*	2	30	180/150/120	40	208/240
C230E	2	30	180/150/120	40	277
C240A	2	40	240/200/160	50	24
C240B	2	40	240/200/160	50	120
C240C	2	40	240/200/160	50	208/240
C240E	2	40	240/200/160	50	277

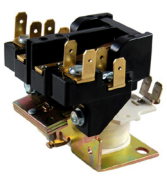
CATALOG NO.	POLES	F/L INDUCTIVE AMPS	LOCKED ROTOR AMPS 240/480/600	RESISTIVE AMPS	COIL VOLTAGE	AUX. SWITCH
3 Pole						
C325A	3	25	150/125/100	35	24	AC3
C325B	3	25	150/125/100	35	120	AC3
C325C	3	25	150/125/100	35	208/240	AC3
C330A	3	30	180/150/120	40	24	AC3, P6S, P7S
C330B	3	30	180/150/120	40	120	AC3, P6S, P7S
C330C	3	30	180/150/120	40	208/240	AC3, P6S, P7S
C330E	3	30	180/150/120	40	277	AC3, P6S, P7S
C330F	3	30	180/150/120	40	480	AC3, P6S, P7S
C340A	3	40	240/200/160	50	24	AC3, P6S, P7S
C340B	3	40	240/200/160	50	120	AC3, P6S, P7S
C340C	3	40	240/200/160	50	208/240	AC3, P6S, P7S
C340E	3	40	240/200/160	50	277	AC3, P6S, P7S
C340F	3	40	240/200/160	50	480	AC3, P6S, P7S
C350A	3	50	300/250/200	65	24	P8S, P38K
C350B	3	50	300/250/200	65	120	P8S, P38K
C350C	3	50	300/250/200	65	208/240	P8S, P38K
C350F	3	50	300/250/200	65	480	P8S, P38K
C360A	3	60	360/300/240	75	24	P8S, P38K
C360B	3	60	360/300/240	75	120	P8S, P38K
C360C	3	60	360/300/240	75	208/240	P8S, P38K
C360F	3	60	360/300/240	75	480	P8S, P38K
C375A	3	75	450/375/300	90	24	P9S
C375B	3	75	450/375/300	90	120	P9S
C375C	3	75	450/375/300	90	208/240	P9S
C390A	3	90	540/450/360	120	24	P9S
C390B	3	90	540/450/360	120	120	P9S
C390C	3	90	540/450/360	120	208/240	P9S
4 Pole						
C430A	4	30	180/150/120	40	24	AC3, P6S, P7S
C430B	4	30	180/150/120	40	120	AC3, P6S, P7S
C430C	4	30	180/150/120	40	208/240	AC3, P6S, P7S
C430F	4	30	180/150/120	40	480	AC3, P6S, P7S
C440A	4	40	240/200/160	50	24	AC3, P6S, P7S
C440B	4	40	240/200/160	50	120	AC3, P6S, P7S
C440C	4	40	240/200/160	50	208/240	AC3, P6S, P7S
C440F	4	40	240/200/160	50	480	AC3, P6S, P7S

Notes: *Spade terminals and cover only. Auxiliary Switches sold separately.

DP Contactor

PR4013

Packard



CATALOG NO.	FULL LOAD AMPS	POLES	RESISTIVE AMPS	COIL VOLTAGE	DIRECT REPLACEMENT FOR	UOM	OM
PR4013	30	1	40	24	DP1030A5013	EA	1

Magnetic Contactor

CATALOG NO.	TYPE	RESISTIVE AMPS	FULL LOAD AMPS	LOCKED ROTOR AMPS	COIL VOLTAGE	HERTZ	MAX. SURROUNDING AIR TEMP.	PHASE	DIRECT REPLACEMENT FOR	UOM	OM
C18001	DPST N.O.	30	30	120	24	50/60	40°C	Single	3ARR8E4, MC11 18001, 90-230, R850B1146	EA	1



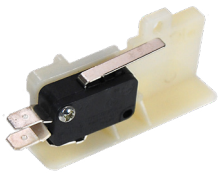
C18001

Packard

CONTACTOR ACCESSORIES

Auxiliary Switches for TITAN MAX® Contactors

Features
Mounts on 75 & 90 Amp Titan Max brand contactors
Single screw mounting
Switches when contactor coil is energized
Choice of NC, NO, or SPDT



TMX7590SPDT

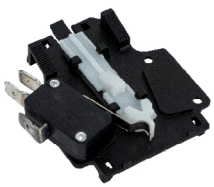
TITAN MAX®

CATALOG NO.	TYPE	UOM	ORDER MULTIPLE
TMX7590SPDT	Single Pole Double Throw	EA	1

Microswitch Blocks for TITAN MAX® Contactors

Features

For use on Titan Max 3 and 4 pole contactors 30-60 amp.



TMXSPDT1

TITAN MAX®

CATALOG NO.	TYPE	UOM	ORDER MULTIPLE
TMXSPDT1	SPDT at left position	EA	1
TMXSPDT2	SPDT at right position	EA	1
TMX2SPDT	DPDT	EA	1

Dimensions (LxWxH): 8.77 x 5.45 x 3.18

Contact Blocks with with Quick Connect TITAN MAX® Contactors



TMXSPDT1

TITAN MAX®

CATALOG NO.	TYPE	UOM	ORDER MULTIPLE
TMX1NC	SPST NC	EA	1
TMX1NO	SPST NO	EA	1
TMX2NC	DPST NC	EA	1
TMX2NO	DPST NO	EA	1

3 Pole Contactor Replacement Coils



TMXC32040A

TITAN MAX®

CATALOG NO.	COIL VOLTAGE	FULL LOAD AMPS	UOM	ORDER MULTIPLE
TMXC32040A	24	20-40	EA	1
TMXC32040B	120	20-40	EA	1
TMXC32040C	208/240	20-40	EA	1
TMXC35060A	24	50-60	EA	1
TMXC35060B	120	50-60	EA	1
TMXC35060C	208/240	50-60	EA	1



TMXC37590B

CATALOG NO.	COIL VOLTAGE	FULL LOAD AMPS	UOM	ORDER MULTIPLE
TMXC37590B	120	75-90	EA	1
TMXC37590C	208/240	75-90	EA	1

Auxiliary Contacts for TITAN MAX® Contactors



TMX7590NC

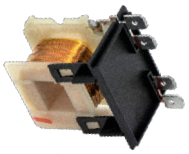
TITAN MAX®

CATALOG NO.	TYPE	UOM	ORDER MULTIPLE
TMX7590NC	Normally Closed	EA	1
TMX7590NO	Normally Closed	EA	1

Dimensions (LxWxH): 8.77 x 5.45 x 3.18

CONTACTOR ACCESSORIES CONT'D

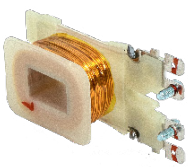
3 Pole Contactor Replacement Coils



C32040A

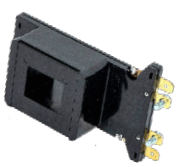
Packard

CATALOG NO.	COIL VOLTAGE	FULL LOAD AMPS	UOM	ORDER MULTIPLE
C32040A	24	20-40	EA	1
C32040B	120	20-40	EA	1
C32040C	208/240	20-40	EA	1
C32040D	277	20-40	EA	1
C32040E	480	20-40	EA	1



C35060A

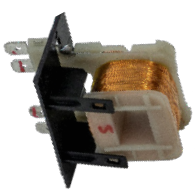
CATALOG NO.	COIL VOLTAGE	FULL LOAD AMPS	UOM	ORDER MULTIPLE
C35060A	24	50-60	EA	1
C35060B	120	50-60	EA	1
C35060C	208/240	50-60	EA	1
C35060D	277	50-60	EA	1
C35060E	480	50-60	EA	1



C37590B

CATALOG NO.	COIL VOLTAGE	FULL LOAD AMPS	UOM	ORDER MULTIPLE
C37590B	120	75-90	EA	1
C37590C	208/240	75-90	EA	1

4 Pole Contactor Replacement Coils



C42040A

Packard

CATALOG NO.	COIL VOLTAGE	FULL LOAD AMPS	UOM	ORDER MULTIPLE
C42040A	24	20-40	EA	1
C42040B	120	20-40	EA	1
C42040C	208/240	20-40	EA	1
C42040D	277	20-40	EA	1

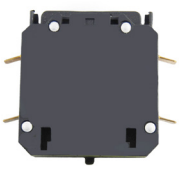
Auxiliary Switches For Packard Contactors



MI1

Packard

CATALOG NO.	TYPE	USE WITH	UOM	ORDER MULTIPLE
MI1	Mech. Interlock	25-40 Amp 3 & 4 Pole	EA	1



AC3

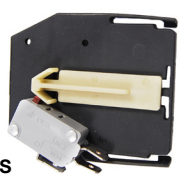
CATALOG NO.	TYPE	USE WITH	UOM	ORDER MULTIPLE
AC3	NO/NC	25-40 Amp 3 & 4 Pole	EA	1



AC4

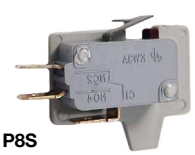
CATALOG NO.	TYPE	USE WITH	UOM	ORDER MULTIPLE
AC4*	1 SPDT	50-60 Amp 3 & 4 Pole	EA	1

*For use with the open style coil contactors only.



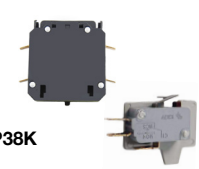
P6S

CATALOG NO.	TYPE	USE WITH	UOM	ORDER MULTIPLE
P6S	SPDT	25-40 Amp 3 & 4 Pole	EA	1



P8S

CATALOG NO.	TYPE	USE WITH	UOM	ORDER MULTIPLE
P8S	SPDT	50-60 Amp 3 & 4 Pole	EA	1
P9S	SPDT	70-90 Amp 3 & 4 Pole	EA	1



P38K

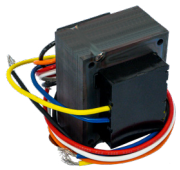
CATALOG NO.	TYPE	UOM	ORDER MULTIPLE
P38K	Includes P8S and AC3	EA	1

FOOT MOUNTED

Class II Foot Mount Transformers

Features

Made in the USA
Class 2 Recognized
50/60Hz Operation



TF42450A

TITAN HD™ TRANSFORMERS

CATALOG NO.	PRIMARY VOLTAGE	VA RATING	SECONDARY RATING	MOUNTING OPTION	CONNECTION	DIRECT REPLACEMENT FOR	UOM	OM
TF12440A	120V	40	24V	Foot	Wire Lead	AT140A1000, AT140B1206	EA	1
TM12440A	120V	40	24V	Multi	Wire Lead	90-4011M	EA	1
TF4031OEMA	120/208/240V	40	24V	Foot	1/4" Spade Terminal	GT4031OEM, 46-101905-01	EA	1
TF42440A	120/208/240V	40	24V	Foot	Wire Lead	AT140A1018, AT40A1121	EA	1
TF22440A	208/240V	40	24V	Foot	Wire Lead	AT40A1139, AT40B1032	EA	1
TF40224A	208/240V	40	24V	Foot	1/4" Spade Terminal	0130M00138, 14262087	EA	1
TM32440A	120/208/240V	40	24V	Multi	Wire Lead	90-4021M, AT140A1026	EA	1
TF40350A	120/208/240V	50	24V	Foot	Wire Lead	GT5031F, 46-102856-02	EA	1
TF42450A	120/208/240/480V	50	24V	Foot	Wire Lead	GT5041C	EA	1
TM44450A	120/208/240V	50	24V	Multi	Primary - Wire Lead, Secondary - Screw Terminal	AT150A1007, 90-5031M	EA	1
TM52460A*	120/208/240V	60	24V	Multi	Wire Lead	GT6041C, UET160	EA	1
TF52475A*	120/208/240/480V	75	24V	Foot	Wire Lead	90-T75C3, GT7541C	EA	1
TM524100A*	120/208/240/480V	100	24V	Multi	Wire Lead	GT10041C	EA	1

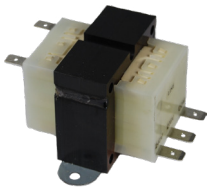
* Equipped with Circuit Breaker

FOOT MOUNTED CONT'D

Class II Foot Mount Transformers

Features

Packard transformers replace models with equal or lower VA rating
Foot mount
Class II transformers



PF90501

Packard

CATALOG NO.	PRIMARY VOLTAGE	VA RATING	SECONDARY RATING	MOUNTING OPTION	CONNECTION	DIRECT REPLACEMENT FOR	UOM	OM
PF12416	120	10VA	16	Foot	Wire Lead / Term	UET 10A	EA	1
PF24200	120	20VA	24	Foot	Wire Lead / Term	Williams Furnace 24200	EA	1
PF42420	120/208/240	20VA	24	Foot	Wire Lead	Jard 2031F UET 114	EA	1
PF12440	120	40VA	24	Foot	Wire Lead	Jard 4011F	EA	1
PF40115	120	40VA	24	Bracket	1/4" QC Term.	Goodman 013M00140S	EA	1
PF113	120	40VA	24	Foot	Wire Lead/Term	90-113 Fan Center Transformer	EA	1
PF12406	120	40VA	24	Foot	Wire Lead	46-24124-06	EA	1
PF40224	208/240	40VA	24	Foot	Terminals	Goodman 013M00138S	EA	1
PF22440	208/240	40VA	24	Foot	Wire Lead	Jard 4021F	EA	1
PF137	208/240	40VA	24	Foot	Wire Lead	First Company E137	EA	1
PF90501	208/240	40VA	24	Foot	1/4" QC Term.	46-101905-01	EA	1
PF105	120/208/240	40VA	24	Foot	Wire Lead	UET 105	EA	1

Class II Foot Mount Transformers (cont'd)

Features

Packard transformers replace models with equal or lower VA rating
Foot mount
Class II transformers



PF52460

Packard

CATALOG NO.	PRIMARY VOLTAGE	VA RATING	SECONDARY RATING	MOUNTING OPTION	CONNECTION	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
PF42450	120/208/240/480	50VA	24	Foot	Wire Lead	Jard 5041C	117	EA	1
PF52460	120/208/240	60VA	24	Foot	Wire Lead	Jard 6041C UET 160	117	EA	1
PF52475F	120/208/240/480	75VA	24	Foot	Wire Lead	Jard 7541M UET 175	118	EA	1
PF52475	120/208/240/480	75VA	24	Foot	Wire Lead	Jard 7541C UET 179R	117	EA	1
PF57575	120/208/240/575	75VA	24	Foot	Wire Lead	Mars 50375	117	EA	1
PF524100	120/208/240/480	100VA	24	Foot	Wire Lead	Jard 10041C	117	EA	1

Notes: 117. Equipped with a circuit breaker 118. Built-In fuse included

FOOT MOUNTED CONT'D

Class II Foot Mount Transformers (cont'd)



PF27440

Packard

Features

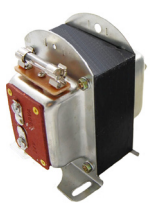
Packard transformers replace models with equal or lower VA rating
Foot mount
Class II transformers

CATALOG NO.	PRIMARY VOLTAGE	VA RATING	SECONDARY RATING	MOUNTING OPTION	CONNECTION	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
PF4031VM	120/208/240	40VA	24	Foot	Wire Lead	Jard 4031VM Rheem 46-24124-06		EA	1
PF42440	120/208/240	40VA	24	Foot	Wire Lead	Jard 4031F UET 115		EA	1
PF4031OEM	120/208/240	40VA	24	Foot	Terminals	Jard 4031OEM Rheem 46-101905-01		EA	1
PF32440	120/208/240	40VA	24/12/2.5	Foot	Wire Lead	Jard 4032F UET 101	118	EA	1
PF27440	277	40VA	24	Foot	Wire Lead	Jard 40271F		EA	1
PF12450*	120	50VA	24	Foot	Wire Lead	Rheem 46-102856-02		EA	1
PF85602	120	50VA	24	Foot	Wire Lead	46-102856-02		EA	1
PF40350	120/208/240	50VA	24	Foot	Wire Lead	Jard 5031F		EA	1

Notes: 118. Built-In fuse included

*Includes an Internal 2.5 Amp, 250V, Slow Blow Fuse

Class II Multi-Mount Transformers



PM44450

Packard

Features

Packard transformers replace models with equal or lower VA rating
Multi-mount transformers
4-1/4" x 4-1/4" mounting plate included
1/2" conduit hub for electrical knockout mounting
Class II transformers

CATALOG NO.	PRIMARY VOLTAGE	VA RATING	SECONDARY RATING	MOUNTING OPTION	CONNECTION	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
PM12040	120	40VA	24	Plate	Wire Lead/Term	Universal Replacement		EA	1
PM12440	120	40VA	24	Multi	Wire Lead	Jard 4011M UET 112		EA	1
PM32440	120/240	40VA	24	Multi	Wire Lead	Jard 4021M UET 113	118	EA	1
PM42440	120/208/240	40VA	24	Multi	Wire Lead	Jard 4031M		EA	1
PM43440	120/208/240	40VA	24/12/2.5	Multi	Wire Lead	UET 111	118	EA	1
PM43448	120/208/240	48VA	24/12/2.5	Multi	Wire Lead	Universal Replacement		EA	1
PM44450	120/208/240	50VA	24	Multi	Wire Lead/Term	Jard 5031M UET 150	118	EA	1
PM43450	120/208/240	50VA	24/12/2.5	Multi	Wire Lead	Jard 5032M		EA	1
PM7541MCB	120/208/240/480	75VA	24	Multi	Wire Lead	Jard 7541MCB	117	EA	1
PM10048P	208/240/480	100VA	24/120	Multi	Wire Lead	Jard 10048P		EA	1

Notes: 117. Equipped with a circuit breaker 118. Built-In fuse included

RIB - TRANSFORMERS

Class 2 Transformers

Transformer 40 VA, 277/240/208/120 to 24 Vac, Foot and Dual Threaded Hub Mount

CATALOG NO.	VA RATING	FREQUENCY	OPERATING TEMPERATURE	CONSTRUCTION	UOM	OM
TR40VA004	40	50/60 Hz	-30 to 140° F	Split-Bobbin	1	1

Additional Specifications

Mounting – Foot & Dual Threaded Hubs

Dimensions – 2.631″ x 2.177″ x 2.882″ (w/ .500″ NPT Hubs)

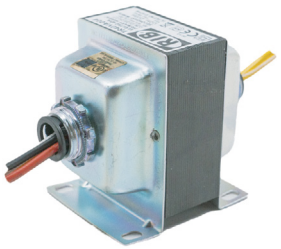
Wire Length – 8″ Typical w/ .5″ Strip

MTBF – 100,000 Hours @ 77° F

Over Current Protection – Inherently Limited

Approvals – Class 2 UL5085-3 Listed, C-UL, CE, RoHS

c UL us LISTED Class 2



TR40VA004

RIB Functional Devices, Inc.

Class 2 Transformers

The TR75VA004 Transformer is designed for reliable voltage conversion in medium-scale applications and offers circuit breaker protection. It is a mid-sized transformer with a compact footprint, user-friendly configuration, and loads of great features. In other words, this transformer is a stalwart that has found a place in numerous commercial and residential applications.

Transformer 75 VA, 480/240/208/120 to 24 Vac, Circuit Breaker,
Foot and Single Threaded Hub Mount and Side Opening

CATALOG NO.	VA RATING	FREQUENCY	OPERATING TEMPERATURE	CONSTRUCTION	UOM	OM
TR75VA004	75	50/60 Hz	-30 to 140° F	Split-Bobbin	1	1

Additional Specifications

Mounting – Foot & Dual Threaded Hubs

Dimensions – 3.802″ x 2.515″ x 3.050″ (w/ .500″ NPT Hub)

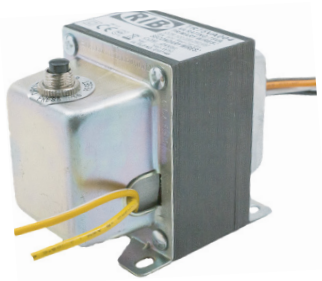
Wire Length – 9.5″ Typical w/ .5″ Strip

MTBF – 100,000 Hours @ 77° F

Over Current Protection – Circuit Breaker

Approvals – Class 2 UL5085-3 Listed, C-UL, CE, RoHS

c UL us LISTED Class 2



TR75VA004

RIB Functional Devices, Inc.

RIB - RELAYS

Enclosed Relay 10 Amp SPDT with 10-30 Vac/dc/120 Vac Coil



RIBH1C-RD
- Red housing



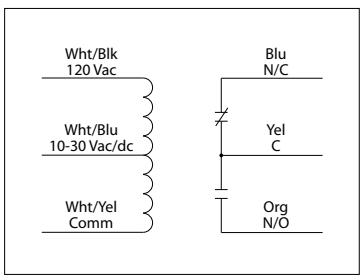
RIBH1C-N4
- NEMA 4X housing, UL508 only



RIBU1C

RIB Functional Devices, Inc.

RED ("-RD") and NEMA 4 ("-N4") HOUSINGS Available.
Please contact Customer Service, 1-800-334-1769, for details.



c UL us LISTED · CE · RoHS · MADE IN THE U.S.A.

Specifications

 # Relays & Contact Type: One (1) SPDT Continuous Duty Coil
Expected Relay Life: 10 million cycles minimum mechanical
Operating Temperature: -30 to 140° F
Humidity Range: 5 to 95% (noncondensing)
Operate Time: 20ms
Relay Status: LED On = Activated
Dimensions: 1.70″ x 2.80″ x 1.50″ with .50″ NPT nipple
Wires: 16″, 600V Rated
Approvals: UL Listed, UL916, UL864, C-UL
California State Fire Marshal, CE, RoHS
Housing Rating: UL Accepted for Use in Plenum, NEMA 1
Gold Flash: Yes
Override Switch: No

Contact Ratings:
10 Amp Resistive @ 277 Vac
10 Amp Resistive @ 28 Vdc
480 VA Pilot Duty @ 240-277 Vac
480 VA Ballast @ 277 Vac
Not rated for Electronic Ballast
600 Watt Tungsten @ 120 Vac (N/O)
240 Watt Tungsten @ 120 Vac (N/C)
1/3 HP @ 120-240 Vac (N/O)
1/6 HP @ 120-240 Vac (N/C)
1/4 HP @ 277 Vac (N/O)
1/8 HP @ 277 Vac (N/C)

Coil Current:
13 mA @ 10 Vdc
15 mA @ 12 Vdc
18 mA @ 24 Vdc
20 mA @ 30 Vdc
33 mA @ 10 Vac
35 mA @ 12 Vac
46 mA @ 24 Vac
55 mA @ 30 Vac
28 mA @ 120 Vac (RIBU1C)
39 mA @ 208-277 Vac (RIBH1C)

Coil Voltage Input:
10-30 Vac/dc ; 120 Vac ; 50-60 Hz (RIBU1C)
10-30 Vac/dc ; 208-277 Vac ; 50-60 Hz (RIBH1C)
Drop Out = 2.1 Vac / 2.8 Vdc
Pull In = 9 Vac / 10 Vdc

Specifications



RIBU1S

RIB Functional Devices, Inc.

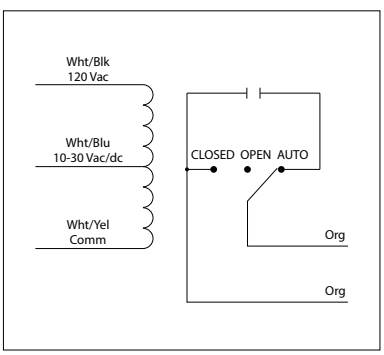
 # Relays & Contact Type: One (1) SPST Continuous Duty Coil (RIBU1S)
One (1) SPDT Continuous Duty Coil (RIBH1C)
Expected Relay Life: 10 million cycles minimum mechanical
Operating Temperature: -30 to 140° F
Humidity Range: 5 to 95% (noncondensing)
Operate Time: 20ms
Relay Status: LED On = Activated
Dimensions: 1.70″ x 2.80″ x 1.50″ with .50″ NPT nipple (RIBH1C)
2.30″ x 3.20″ x 1.80″ with .50″ NPT nipple (RIBU1S)
Wires: 16″, 600V Rated
Approvals: UL Listed, UL916, UL864, C-UL
California State Fire Marshal, CE, RoHS
Housing Rating: UL Accepted for Use in Plenum, NEMA 1
Gold Flash: Yes
Override Switch: No

Contact Ratings:
10 Amp Resistive @ 277 Vac
10 Amp Resistive @ 28 Vdc (RIBU1C)
480 VA Pilot Duty @ 277 Vac (RIBU1S)
480 VA Pilot Duty @ 240-277 Vac
(RIBU1C)
480 VA Ballast @ 277 Vac
Not rated for Electronic Ballast
600 Watt Tungsten @ 120 Vac (N/O)
240 Watt Tungsten @ 120 Vac (N/C)
1/3 HP @ 120-240 Vac (N/O)
1/6 HP @ 120-240 Vac (N/C)
1/4 HP @ 277 Vac (N/O)
1/8 HP @ 277 Vac (N/C)

Coil Current:
33 mA @ 10 Vac
35 mA @ 12 Vac
46 mA @ 24 Vac
55 mA @ 30 Vac
28 mA @ 120 Vac (RIBU1S)
(RIBU1C)
39 mA @ 208-277 Vac (RIBH1S)
(RIBH1C)
13 mA @ 10 Vdc
15 mA @ 12 Vdc
18 mA @ 24 Vdc
20 mA @ 30 Vdc

RIBU1S

Enclosed Relay 10 Amp SPST-N/O + Override with 10-30 Vac/dc/120 Vac Coil



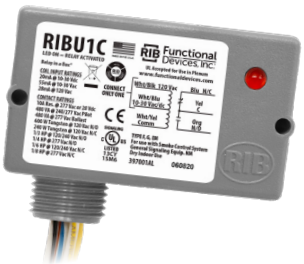
Notes:
• Order Normally Closed by adding “-NC” to end of model number

RIB- INPUT RELAYS

Enclosed Pilot Relays

Features

LED indicator
Multiple contact ratings
Override / HOA switch options available
High/low voltage separation available
10-15 Amp models
Pre-wired
Enclosed or track mount
Time delay models



RIBU1C

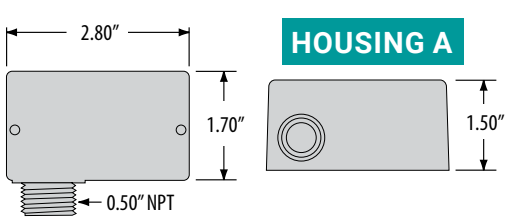
RIB Functional Devices, Inc.

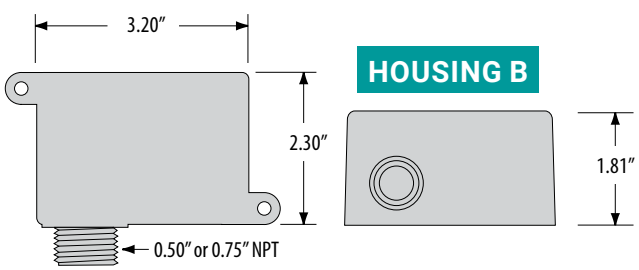
		COIL VOLTAGE			CONTACT RATINGS							
CATALOG NO.	UL	AC/DC	AC	RELAY CONTACTS	RESISTIVE	MOTOR	PILOT DUTY	HIGH/ LOW SEPAR.	OVERRIDE SWITCH	HOUSE STYLE*	UOM	OM
RIBU1C	•	10-30	120	1 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@240-277Vac			A	1	1
RIBU1C-N4**	•	10-30	120	1 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@240-277Vac			A	1	1
RIBH1C	•	10-30	208-277	1 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@240-277Vac			A	1	1
RIBU2C	•	10-30	120	2 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@240-277Vac			B	1	1
RIBH2C	•	10-30	208-277	2 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@240-277Vac			B	1	1
RIBL3C	•	10-30		3 SPST	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@240-277Vac	•		C	1	1
RIBL4C	•	10-30		3 SPST, 1 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@240-277Vac	•		C	1	1
RIBU1S	•	10-30	120	1 SPST	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@277Vac		1	B	1	1
RIBH1S	•	10-30	208-277	1 SPST	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@277Vac		1	B	1	1
RIBU1SM-250	•	10-30	120	1 SPST	10A@120/250Vac	1/3 HP@120-240Vac (N/O)	345 VA@120/240Vac		1+monitor	B	1	1
RIBH1SM-250	•	10-30	208-277	1 SPST	10A@120/250Vac	1/3 HP@120-240Vac (N/O)	345 VA@120/240Vac		1+monitor	B	1	1
RIB2401D	•	24	120	1 DPDT	10A@277Vac	1/2 HP@120/240Vac (N/O)	B300			A	1	1
RIB2402D	•	24	208-277	1 DPDT	10A@277Vac	1/2 HP@120/240Vac (N/O)	B300			A	1	1
RIBU1SC	•	10-30	120	1 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@277Vac		2 +	B	1	1
RIBH1SC	•	10-30	208-277	1 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@277Vac		2 +	B	1	1
RIBL1C-DC	•	10-30 Vdc only		1 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@240-277Vac			A	1	1
RIB2421C	•	24	120-277	1 SPDT	10A@277Vac	1 HP@250Vac	C300			A	1	1
RIBD2421C ~	•	24	120-277	1 SPDT	10A@277Vac	1 HP@250Vac	C300	•		C	1	1
RIBU2SC	•	10-30	120	1 SPST, 1 SPDT	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@277Vac		1	B	1	1
RIBU2S2	•	10-30	120	2 SPST	10A@277Vac	1/3 HP@120-240Vac (N/O)	480 VA@277Vac	•	2	C	1	1

UL = UL Listed: UL916 Energy Management; UL864 Fire; USA & Canada

\+ = SPDT with override requires 2 switches
* = See Housing Guide on page 325
~ = Time Delay
** = NEMA 4X housing, UL508 only

Housing Guide





NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

DIVERSITECH

RIB- ENCLOSURES

Enclosed Pilot Relays

Features

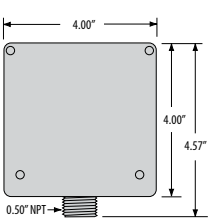
LED indicator
Multiple contact ratings
Override / HOA switch options available
High/low voltage separation available
10-15 Amp models
Pre-wired
Enclosed or track mount
Time delay models



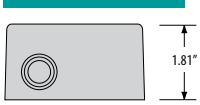
RIB12P

RIB Functional Devices, Inc.

CATALOG NO.	UL	AMP	VAC COIL	RELAY CONTACTS	OPERATING TEMPERATURE	WIRES	OVERRIDE SWITCH	HOUSE STYLE*	UOM	OM
RIB013P	•	20	120 Vac	3PST-N/O	-30 to 140° F	16", 600V	–	C	1	1
RIB023P	•	20	208-277 Vac	3PST-N/O	-30 to 140° F	16", 600V	–	C	1	1
RIB01P	•	20	120 Vac	DPDT	-30 to 140° F	16", 600V	–	C	1	1
RIB02P	•	20	208-277 Vac	DPDT	-30 to 140° F	16", 600V	–	C	1	1
RIB01P30	•	30	120 Vac	DPST-N/O	-30 to 140° F	16", 600V	–	C	1	1
RIB01P30-S	•	30	120 Vac	DPST-N/O + Coil Side	-30 to 140° F	16", 600V	1	C	1	1
RIB02P30	•	30	208-277 Vac	DPST-N/O	-30 to 140° F	16", 600V	–	C	1	1
RIB12P	•	20	120 Vac	DPDT	-30 to 140° F	16", 600V	–	B	1	1
RIB12P30	•	30	12Vac/dc	DPDT	-30 to 140° F	16", 600V	–	B	1	1
RIB2401B	•	20	24 Vac/dc/120 Vac	SPDT	-30 to 140° F	16", 600V	–	B	1	1
RIB2402B	•	20	24 Vac/dc/208-277 Vac	SPDT	-30 to 140° F	16", 600V	–	B	1	1
RIB2401SB	•	20	24 Vac/dc/120 Vac	SPST-N/O + Override	-30 to 140° F	16", 600V	1	B	1	1
RIB2402SB	•	20	24 Vac/dc/208-277 Vac	SPST-N/O + Override	-30 to 140° F	16", 600V	1	B	1	1
RIB2401SBC	•	20	24 Vac/dc/120 Vac	SPDT + Override	-30 to 140° F	16", 600V	2	B	1	1
RIB2402SBC	•	20	24 Vac/dc/208-277 Vac	SPDT + Override	-30 to 140° F	16", 600V	2	B	1	1
RIB2421B	•	20	24 Vac/dc/120 Vac	SPDT	-30 to 140° F	16", 600V	–	B	1	1
RIB2421SB	•	20	24 Vac/dc/208-277 Vac/120 Vac	SPST-N/O + Override	-30 to 140° F	16", 600V	1	B	1	1
RIB24P	•	20/30	24 Vac/dc	DPDT	-30 to 140° F	16", 600V	–	B	1	1
RIB24P30	•	20/30	24 Vac/dc	DPDT	-30 to 140° F	16", 600V	–	B	1	1
RIB24Z	•	30	24 Vac/dc	SPST-N/O + SPST-N/C	-30 to 140° F	16", 600V	–	C	1	1
RIB043P	•	20	480 Vac	3PST-N/O	-30 to 140° F	16", 600V	–	C	1	1
RIB243P	•	20	480 Vac	3PST-N/O	-30 to 140° F	16", 600V	–	C	1	1
RIB04P	•	20	480 Vac	DPDT	-30 to 140° F	16", 600V	–	C	1	1
RIB347P	•	20	347 Vac	DPDT	-30 to 140° F	16", 600V	–	C	1	1



HOUSING C



Shipping weights are approximate and may change due to packaging options.

RIB- ALARM RELAYS

Enclosed Dry Contact Input Relays



RIB02SBCDC

RIB Functional Devices, Inc.

Features

Prepackaged for quick and easy installation
Provides low-voltage (Class 2) power needed to activate the relay (self-powered) by closing the dry contact input
Activated by a wide range of dry contacts such as thermostats, switches, other relays, solid-state switches, etc.
Power to energize the relay can be brought to the relay on a separate pair of wires along with the control output of the controller, or can be a local power source near the relay
Relay contacts are isolated from the input power and the dry contact input, so they can be wired to switch any other power-load or low-voltage load (see specifications for contact ratings)

CONTACT RATINGS

CATALOG NO.	UL	POWER INPUT	RELAY CONTACTS	RESISTIVE	MOTOR	PILOT DUTY	HIGH/LOW SEPARATION	OVERRIDE SWITCH	HOUSING STYLE *	UOM	OM
RIB21CDC	•	120-277 Vac	1 SPDT	10 A@277 Vac	1 HP@250 Vac	770 VA@250 Vac			A	1	1
RIB01BDC	•	120 Vac	1 SPDT	20 A@277 Vac	2 HP@277 Vac	1,110 VA@277 Vac			B	1	1
RIB02BDC	•	208-277 Vac	1 SPDT	20 A@277 Vac	2 HP@277 Vac	1,110 VA@277 Vac			B	1	1
RIB01SBDC	•	120 Vac	1 SPST	20 A@277 Vac	2 HP@277 Vac	1,110 VA@277 Vac		1	B	1	1
RIB02SBDC	•	208-277 Vac	1 SPST	20 A@277 Vac	2 HP@277 Vac	1,110 VA@277 Vac		1	B	1	1
RIB01SBCDC	•	120 Vac	1 SPDT	20 A@277 Vac	2 HP@277 Vac	1,110 VA@277 Vac		2	B	1	1
RIB02SBCDC	•	208-277 Vac	1 SPDT	20 A@277 Vac	2 HP@277 Vac	1,110 VA@277 Vac		2	B	1	1
RIBD01BDC~	•	120 Vac	1 SPDT	20 A@277 Vac	2 HP@277 Vac	1,110 VA@277 Vac	•		C	1	1
RIBD02BDC~	•	208-277 Vac	1 SPDT	20 A@277 Vac	2 HP@277 Vac	1,110 VA@277 Vac	•		C	1	1

~ = Time Delay

UL = UL Listed: UL916 Energy Management; USA & Canada

* = See Housing Guide below

Enclosed Polarized / Alarm Relays

These relays are polarized to work in a supervised system and may be turned on and off by reversing polarity. These prepackaged relays make installation quick and easy and can be used in fire alarm systems, smoke control systems, etc.



RIB12C-FA

RIB Functional Devices, Inc.

Features

Coil input is polarity sensitive
For use with fire alarm systems
System supervision for controllers that utilize end-of-line resistors
Four wire circuit ensures indication of broken wiring connection with RIB®
Prepackaged for quick and easy installation

CONTACT RATINGS

ITEM ID	UL	COIL VOLTAGE	RELAY CONTACTS	RESISTIVE	MOTOR	PILOT DUTY	HIGH/LOW SEPARATION	OVERRIDE SWITCH	HOUSING STYLE *	UOM	OM
RIB12C-FA	•	12 Vac/dc	1 SPDT	10 A @ 277 Vac	1 HP @ 250 Vac	770 VA @ 250 Vac			A	1	1
RIB24C-FA	•	24 Vac/dc	1 SPDT	10 A @ 277 Vac	1 HP @ 250 Vac	770 VA @ 250 Vac			A	1	1
RIB12S-FA	•	12 Vac/dc	1 SPST	10 A @ 277 Vac	1 HP @ 250 Vac	770 VA @ 250 Vac		1	A	1	1
RIB24S-FA	•	24 Vac/dc	1 SPST	10 A @ 277 Vac	1 HP @ 250 Vac	770 VA @ 250 Vac		1	A	1	1
RIBT24B-FA	•	24 Vac/dc	1 SPDT	10 A @ 277 Vac	2 HP @ 277 Vac	1,110 VA @ 277 Vac	•		C	1	1
RIB24P-FA	•	24 Vac/dc	1 DPDT	10 A @ 277 Vac	3 HP @ 480-600 Vac	1,640 VA @ 480 Vac			B	1	1

RIB- INPUT RELAYS

Relay & AC Current Switch Combo

ITEM ID	UL	COIL VOLTAGE	RELAY CONTACTS	SENSOR FEEDBACK OUTPUT	SENSOR TYPE	SENSOR RANGE	UOM	OM
RIBHX24BA	•	24 Vac/dc	SPST	Solid State Contact 30 Vac/dc, 100 mA	Internal, with contact status	.25-20 Amps	1	1

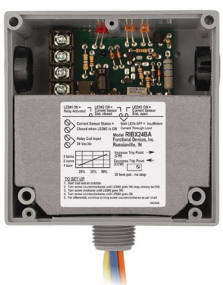


RIBHX24BA

RIB Functional Devices, Inc.

Relay & AC Current Switch Combo

ITEM ID	UL	COIL VOLTAGE	RELAY CONTACTS	SENSOR FEEDBACK OUTPUT	SENSOR TYPE	SENSOR RANGE	UOM	OM
RIBX24BA	•	24 Vac/dc	SPDT	Solid State Contact 30 Vac/dc, 0.4Amp	Internal, with contact status	.50-20 Amps	1	1
RIBX24SBA	•	24 Vac/dc	SPDT + Override	Solid State Contact 30 Vac/dc, 0.4Amp	Internal, with contact status	.50-20 Amps	1	1



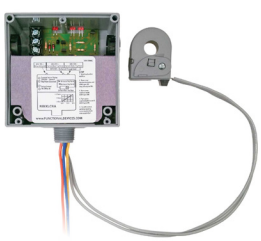
RIBHX24BA

RIB Functional Devices, Inc.

Relay & AC Current Switch Combo

ITEM ID	UL	THRESHOLD	RESISTIVE	SENSOR FEEDBACK OUTPUT	SENSOR TYPE	SENSOR RANGE	REMOTE STYLE	UOM	OM
RIBXLCRA	•	Adjustable	10 Amp	Solid State Contact 30 Vac/dc, 0.4Amp	External, with contact status	1.25-1.50 Amps	Solid Core Remote CT	1	1

ECMs = FDI Certified for use with electronically cummutated motors

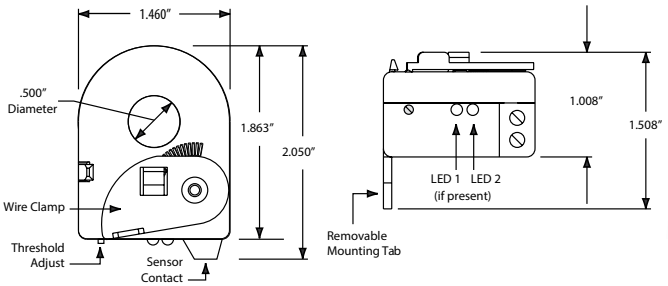


RIBXLCRA

RIB Functional Devices, Inc.

RIB- AC CURRENT SWITCHES

AC Current Switches





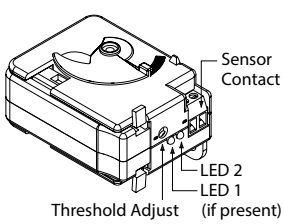
RIBXKTF

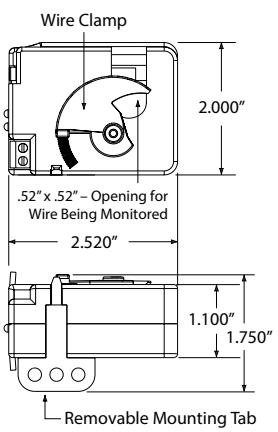
RIB Functional Devices, Inc.

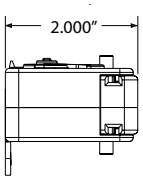
CATALOG NO.	UL	SENSING RANGE	TYPE	THRESHOLD	SENSOR CONTACT TYPE	SWITCHING VOLTAGE RANGE	MAX. SWITCHING CURRENT	SENSOR CONTACT TERMINATION	UOM	OM
RIBXK SERIES - Enclosed Self-Powered Solid Core AC Sensors										
RIBXKF	•	.25-150 A	Solid	Fixed, .25 Amp	Solid State Switch SPST	30 Vac/dc	.4 Amps Max	Wht/Yel 16″ 18 AWG Wire Leads	1	1
RIBXKTF	•	.25-150 A	Solid	Fixed, .25 Amp	Solid State Switch SPST	30 Vac/dc	.4 Amps Max	Terminal Strip, Accepts #14-22 AWG Wire	1	1
RIBXKTA	•	.50-150 A	Solid	Adjustable	Solid State Switch SPST	30 Vac/dc	.8 Amps Max	Terminal Strip, Accepts #14-22 AWG Wire	1	1

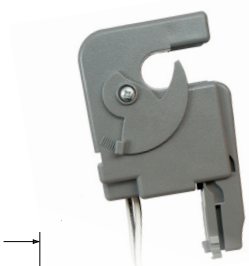
UL = UL Listed: UL916 Energy Management; UL864 Fire; USA & Canada

AC Current Switches









RIBXGHF



RIBXGTA

RIB Functional Devices, Inc.

CATALOG NO.	UL	SENSING RANGE	TYPE	THRESHOLD	SENSOR CONTACT TYPE	SWITCHING VOLTAGE RANGE	MAX. SWITCHING CURRENT	SENSOR CONTACT TERMINATION	UOM	OM
RIBXG SERIES - Enclosed Self-Powered Split Core AC Sensors										
RIBXGHF	•	.50-150 A	Split	Fixed, .50 Amp	Solid State Switch SPST	120 Vac Only	1 Amps Max	Wht/Blk 16" 18 AWG Wire Leads	1	1
RIBXGTF	•	.35-150 A	Split	Fixed, .35 Amp	Solid State Switch SPST	30 Vac/dc	.4 Amps Max	Terminal Strip, Accepts #14-22 AWG Wire	1	1
RIBXGA	•	.75-150 A	Split	Adjustable	Solid State Switch SPST	30 Vac/dc	.4 Amps Max	Wht/Yel 16″ 18 AWG Wire Leads	1	1
RIBXGTA	•	.75-150 A	Split	Adjustable	Solid State Switch SPST	30 Vac/dc	.4 Amps Max	Terminal Strip, Accepts #14-22 AWG Wire	1	1
RIBXGTA-ECM	•	.25-150 A	Split	Adjustable	Solid State Switch SPST	30 Vac/dc	.4 Amps Max	Terminal Strip, Accepts #14-22 AWG Wire	1	1

Refer to Housing Guide on page 326 for housing information.

UL = UL Listed: UL916 Energy Management; UL864 Fire; USA & Canada

RIB- TRANSDUCERS

Replacement Sensor Assembly

Replacement parts are available for several products including remote sensors, socket relays, and more.

CATALOG NO.	DESCRIPTION	FOR USE WITH MODEL(S)	UOM	OM
AXGT	Split ring remote current sensor assembly (Terminal Output)	RIBXJA, RIBXJF, RIBXLCJA, RIBXLCJF, RIBXLSJA, RIBXLSJF	1	1
AXKT	Remote mini current sensor assembly (Terminal Output)	RIBXLCRA, RIBXLCRF, RIBXLSRA, RIBXLSRF, RIBXRA, RIBXRF	1	1



GBS500H-14 GBS500H-14

RIB Functional Devices, Inc.

AC Transducer

CATALOG NO.	UL	SENSOR CONTACT TYPE	SENSING RANGE	MAX. SENSE VOLTAGE	SENSOR OUTPUT	UOM	OM
RIBXKTV SERIES - Current Transducers							
RIBXKTV5-10	•	Solid Core with Voltage Output	0 - 10 Amp	600 Vac	0-5 Vdc (Terminal Strip, Accepts #14-22 AWG Wire)	1	1

UL = UL Listed: UL916 Energy Management; UL864 Fire; USA & Canada

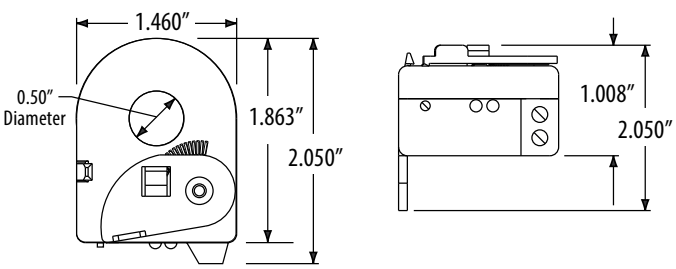


RIBXKTV5-10

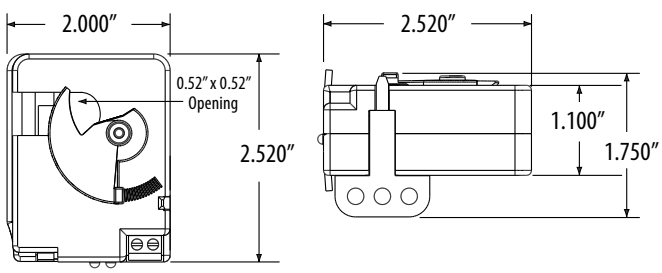
RIB Functional Devices, Inc.

Housing Guide

SPLIT CORE CURRENT SENSOR



SPLIT CORE CURRENT SENSOR



AC Transducer

CATALOG NO.	UL	SENSOR CONTACT TYPE	SENSING RANGE	MAX. SENSE VOLTAGE	SENSOR OUTPUT	UOM	OM
RIBXGTV SERIES - Current Transducers							
RIBXGTV5-10	•	Split Core with Voltage Output	0 - 10 Amp	600 Vac	0-5 Vdc Terminal Strip	1	1
RIBXKTV10	•	Split Core with Voltage Output	0 - 20 Amp	600 Vac	0-10 Vdc Terminal Strip	1	1

UL = UL Listed: UL916 Energy Management; UL864 Fire; USA & Canada



RIBXGTA

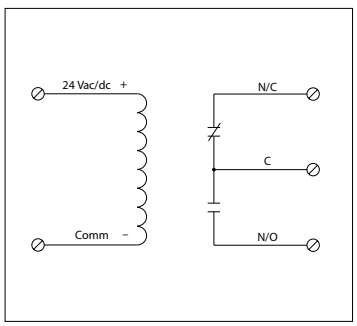
RIB Functional Devices, Inc.

RIB - FIRE ALARM TRACK MOUNT RELAYS

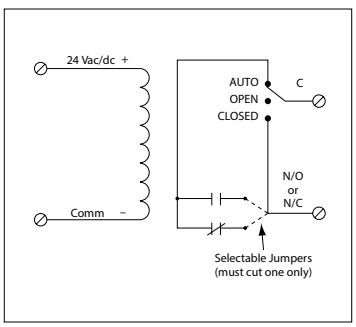
Polarized and Non-Polarized Relays

CATALOG NO.	THRESHOLD	SENSOR CONTACT TYPE	SWITCHING VOLTAGE RANGE	TRACK MOUNT	UOM	OM
RIBMN24S-FA	15 Amp	SPST + Override	24 Vac/dc Coil	2.75"	1	1
RIBMN24C-FA	15 Amp	SPST	24 Vac/dc Coil	2.75"	1	1
RIBMN24C	15 Amp	SPDT	24 Vac/dc Coil	2.75"	1	1

Notes:
Must cut appropriate jumper to select
Normally Open or Normally Closed (RIBMN24S-FA)



RIBMN24C-FA



RIBMN24S-FA



RIBMN24S-FA



RIBMN24C-FA

RIB Functional Devices, Inc.

Specifications

 # Relays & Contact Type: One (1) SPDT Continuous Duty Coil (RIBMN24C-FA)
One (1) SPST Continuous Duty Coil (RIBMN24S-FA)
Expected Relay Life: 10 million cycles minimum mechanical
Operating Temperature: -30 to 140° F
Humidity Range: 5 to 95% (noncondensing)
Operate Time: 6ms
Relay Status: LED On = Activated
Dimensions: 1.10"H x 2.75"W x 0.75"D1/1.25"D2 (RIBMN24C-FA)
1.25"H x 2.75"W x 1.25" D1/1.25"D2 (RIBMN24S-FA)
Housing Detail: See **Housing H** in housing guide for dimensions
Origin: Made of US and non-US parts
Track Mount: 2.750˝
MT212 Mounting Track Sold Separately
Approvals: UL Listed, UL916, UL864, C-UL
California State Fire Marshal, CE, RoHS
Gold Flash: No
Override Switch: No (RIBMN24C-FA)
Yes (RIBMN24S-FA)

Contact Ratings:
15 Amp General Use @ 125 Vac
10 Amp General Use @ 277 Vac
10 Amp Resistive @ 30 Vdc (N/O)
7 Amp Resistive @ 30 Vdc (N/C)
1/2 HP @ 125 Vac
1 HP @ 250 Vac
1/4 HP @ 277 Vac
470 VA Pilot Duty @ 125 Vac
770 VA Pilot Duty @ 250 Vac

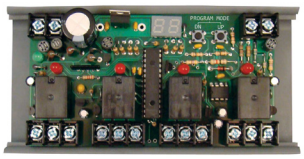
Coil Voltage Input:
24 Vac/dc ; 50-60 Hz
Drop Out = 2 Vac / 2.5 Vdc
Pull In = 9 Vac / 11 Vdc

Coil Current:
26 mA @ 20 Vac
31 mA @ 24 Vac
48 mA @ 35 Vac
14 mA @ 20 Vdc
18 mA @ 24 Vdc
28 mA @ 35 Vdc

RIB- RELAYS

I/O Expanders

CATALOG NO.	THRESHOLD	POWER	CONTROL INPUT	TRACK MOUNT	UOM	OM
RIBMN24Q4C-PX	4 Output Field	24 Vac/dc	0-10 Vdc	2.75"	1	1



RIBMN24Q4C-PX

RIB Functional Devices, Inc.

Track Mount Relay

CATALOG NO.	THRESHOLD	SENSOR CONTACT TYPE	SWITCHING VOLTAGE RANGE	TRACK MOUNT	UOM	OM
RIBMU1C	15 Amp	SPST	10-30 Vac/dc/120 Coil	4.00"	1	1
RIBMU1S	15 Amp	SPST-N/O + Override	10-30 Vac/dc/120 Coil	4.00"	1	1



RIBMU1S

RIB Functional Devices, Inc.

DIN Rail Relay

The RIBRL1C DIN Rail Mount Relay is the ideal solution. Its compatibility with numerous power sources and easy mounting hardware make it a preferred choice for professionals.

ITEM ID	UL	DIMENSION	VAC COIL	HZ	DROP OUT	PULL IN	UOM	OM
RIBRL1C	•	2.76"H X 3.88"W X 0.78"D	10-30 VAC/DC	50-60 Hz	2.1 Vac / 2.8 Vdc	9 Vac / 10 Vdc	1	1



RIBRL1C

RIB Functional Devices, Inc.

Mounting Snap Track

Mounting options include plastic track for snap-mounting circuit boards. One style of track can be mounted to the back surface of any cabinet and is available in 4.00" or 2.75" widths. Another style of track, AdapTrack®, snaps onto any of the three most popular DIN rails. In turn, it can accommodate a 4.00" wide circuit board. Perforated DIN rail and end stops are also available.

ITEM ID		WIDTH	LENGTH	TRACK TYPE	DISTANCE BETWEEN HOLE CENTERS	UOM	OM
MT212-2	•	2.75"	2.00"	Screw mounted snap-in track	2.00" Center to Center	1	1
MT4-2	•	4.00"	2.00"	Screw mounted snap-in track	2.00" Center to Center	1	1

= UL Component Recognized; USA & Canada



MT212-2

RIB Functional Devices, Inc.

BLOWER AND FURNACE CONTROLS

Defrost Controls



ICM550

Features
Adjustable 15 min to 23 hours 45 min defrost cycle
Timed or manual defrost termination
High power condenser fan & defrost heater relay output
100% monitoring of defrost inputs and outputs
Mounting bracket easily removed to allow for installation into weatherproof enclosures
Simple to use, drag & drop replacement for popular defrost timers
User-friendly time clock for commercial refrigerant cooler applications

Electrical Rating:
Voltage: 120-240 VAC
Frequency: 60 Hz
Fan:
Type: Relay
Form: SPST, normally closed
Rating: 30 amps @ 240 VAC
Time Delays:
Minimum defrost time: 15 minutes
Maximum defrost time: 23 hr, 45 min.

Direct Replacement For:
Intermatic/Grasslin: 010-0011B, DT040, DT140, DTAV40, DTAV40M, DT-B, DTMV, DTSX
Paragon: 8041, 8045, 8047, 8141, 8143, 8145, 8245, 8247
Precision: 6041, 6045, 6047, 6141, 06145

CATALOG NO.	DESCRIPTION	UOM	OM
ICM550	Defrost Controls	EA	1

Furnace Controls



ICM280

Features
Microprocessor-based fan blower
Inducer fan outputs
Hot surface ignitor output
Flame sensor input
Gas valve output
Status LED for fault codes
Twinning compatible with another ICM280 board

CATALOG NO.	VOLTAGE	FREQUENCY	INDUCER MOTOR	GAS VALVE	IGNITOR	DIRECT REPLACEMENT FOR	UOM	OM
ICM280	Line (98-132 VAC) @ 60 Hz	2 HP @ 240 VAC	7 amps @ 250 VAC	1 amps @ 24 VAC	5 amps @ 120 VAC	Goodman: B1809906, B1809908, B1809910, B1809913, B1809913S UTEC: 1012-933D, Texas Instruments 41F-5 White-Rodgers: 50T35-730, 50T35-743	EA	1



ICM281

Features
Control gas valve, ignitor, blower motor, inducer, humidifier and air cleaner
Microprocessor-based
Designed for 100% gas shutoff in case of ignition failure
Model selection of 80+ and 90+ furnace operation
Reverse polarity protection
Secondary brownout voltage protection
Heating and cooling fan functions in response to standard thermostat
Provides diagnostic LEDs to aid in troubleshooting
Twinning compatible with another ICM281 board

CATALOG NO.	VOLTAGE	OPERATING TEMP.	INDUCER MOTOR	GAS VALVE	IGNITOR	HEAT	COOL BLOWER	DIRECT REPLACEMENT FOR	UOM	OM
ICM281	Line (98-132 VAC) @ 60 Hz	-40°F to 176°F -40°C to 75°C	4A, FLA-8.0 LRA @ 120 VAC	1.5A @ 30 VAC	5 amps @ 120 VAC	5A, 1/2 HP, 240 VAC	30A, 2HP, 240 VAC	Carrier: CES0110020, CES0110048, CES0110057-00, CES0110057-01, CES0110057-02, HH84AA016	EA	1

FURNACE CENTER

Furnace Controls

Features
Controls gas valve, ignitor, blower motor, inducer, humidifier and air cleaner
Microprocessor-based precision
Designed for 100% gas shutoff in case of ignition failure
Twinning compatible with another ICM2807 control
Reverse polarity protection
Secondary brownout voltage protection
Compatible with 24 VAC standard thermostat
Continuous blower speed jumper
Limit switch lockout time
Limit switch lockout after power interruption
Self diagnostics
Provides diagnostic LEDs to aid in troubleshooting



ICM2807

CATALOG NO.	VOLTAGE	INDUCER MOTOR	GAS VALVE	IGNITOR	DIRECT REPLACEMENT FOR	UOM	OM
ICM2807	Line (98-132 VAC) @ 60 Hz	4A, FLA-8.0 LRA @ 120 VAC	1.5A @ 30 VAC	5 amps @ 120 VAC	Carrier: HK42FZ017	EA	1

Features
Microprocessor-based precision
Controls inducer and blower fan motors, hot surface ignitor, and gas valve
Monitors timing, trial for ignition, flame sensing, pressure and limit switches, and lockout
Designed for 100% gas shutoff in case of ignition failure
Reverse polarity protection
Twinning compatible with another ICM2810 boards
Compatible with LP or natural gas
Diagnostic LED to aid in testing/troubleshooting



ICM2810

CATALOG NO.	HEAT BLOWER ON	HEAT BLOWER OFF	FAN (HEAT) ON/ OFF DELAY	COOL ON	COOL OFF	TOTAL TRIALS FOR IGNI-TION	DIRECT REPLACEMENT FOR	UOM	OM
ICM2810	30 seconds	Selectable 90/120/150/180 seconds	1 second	5 seconds	45 seconds	3 (auto reset after 1 hour)	Goodman: PCBBF136 and PCBBF140	EA	1

Features
Controls gas valve, inducer draft motor, circulating blower and hot surface ignitor
Monitors timing, trial for ignition, flame sensing, lockout, plus pressure, rollout and limit switches.Microprocessor-based precision
Twinning compatible with another ICM2805 furnace control
Diagnostic LEDs aid in testing and troubleshooting



ICM2805A

CATALOG NO.	VOLTAGE	INDUCER BLOWER	GAS VALVE	IGNITOR	HEAT	COOL BLOWER	DIRECT REPLACEMENT FOR	UOM	OM
ICM2805A	Line (98-132 VAC) @ 60 Hz	4A, 120 VAC	1A, 24 VAC	5 amps @ 120 VAC	5A, ½ HP, 250 VAC	10A, 2HP, 240 VAC	Nordyne: 624631/ 624631B	EA	1

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BLOWER AND FURNACE CONTROLS

Frost Sentry™ Garage Thermostats



FS1500L

SimpleComfort® means simple control for year-round comfort and energy savings. These elegantly designed thermostats are extra rugged, highly reliable and accurate — ready for many years of worry-free operation. Simply perfect for residential or light commercial new construction or replacement. Easy, intuitive operation makes it simple to match temperature to any family's lifestyle. And with exclusive SimpleComfort® staging control, you can easily configure for optimum energy savings — or extra comfort.

Features

- Controls single stage heating systems
- Millivolt, hydronic (water or steam) system, gas and electric systems
- Battery operated
- Perfect for use with unit heaters
- Backlit display
- Mercury-free, environmentally safe
- Remote sensor compatible (ACC-RT104)

ITEM ID	INPUT	OUTPUT	TEMPERATURE SET POINT	ACCURACY	TERMINATIONS	UOM	OM
FS1500L	18-30 VAC	2 amps max.	Fixed 40°F	±5°F	R, W, G, S1, S2	EA	1

Oil Burner Primaries - Intermittent Ignition



ICM1501

Features

- Controls oil burner, oil valve (if desired) and the ignition transformer in response to a call for heat
- Solid state flame sensing circuit
- LED on terminal strip indicates system lockout
- Enclosed safety switch with external reset button
- Mounts on standard 4x4 J-Box (select models may be mounted directly on burner housing)
- C554A Cadmium Sulfide Flame Detector and 24 VAC thermostat required
- Replacement for popular competitive models

ITEM ID	IGNITION TYPE	ELECTRICAL RATING (CONTACTS - FULL LOAD)	ELECTRICAL RATING (CONTACTS - LOCKED ROTOR)	TEMPERATURE RANGE	MOUNTING BRACKET	UOM	OM
ICM1501	Intermittent	7.4 A @ 120 VAC 3.7 A @ 240 VAC	44.4 A @ 120 VAC 22.2 A @ 240 VAC	-30°F to 130°F	Standard 4x4 J-Box or direct mounting on burner housing	EA	1
ICM1502	Intermittent	7.4 A @ 120 VAC 3.7 A @ 240 VAC	44.4 A @ 120 VAC 22.2 A @ 240 VAC	-30°F to 130°F	Standard 4x4 J-Box or direct mounting on burner housing	EA	1

Gas Ignition Controls



ICM2901

Features

- For use with intermittent pilot boilers, furnaces and other heating appliances
- Microprocessor-based precision
- Monitors timing, trial for ignition, rollout switch, flame sensing and lockout
- Remote flame sensing
- 100% lockout safety feature
- Compatible with LP or natural gas

CATALOG NO.	CONTROL VOLTAGE	ANTICIPATOR SETTING	OPERATING TEMPERATURE	DIRECT REPLACEMENT FOR	UOM	OM
ICM2901	Line 24 VAC (18-30 VAC) 50/60 Hz	0.3A plus valve load @ 24 VAC	Min. ambient temperature rating is -40°F (-40°C) Max. ambient rating when used with 2.0A main valve is 160°F (71°C)	ICM: 294 Johnson Controls: G770RJA-1 York: 025-27762-700	EA	1

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POTENTIAL RELAYS

Universal Relay



UMSR-50B-LF

Features

Replacement for all standard potential relays
Patented differential voltage sensing
No user-adjustments required
Non-positional mounting configuration
50A switching capabilities
Universal mounting bracket for easy installation
.250" quick connect termination
Safety timer

Input:
- Voltage Rating: 110-270 VAC, Single Phase
- Maximum Voltage Contact Rating: 502 VAC (absolute)

Motor power rating: Up to 10 HP
Operating Position: Non-positional

Safety Time Out: Approximately 1-second per 100 microfarads
Insulation: Class B (130°C); Conforms to IEC 1000- standards (6kV impulse / 6kV contact)
Consumption: 5VA max.

Life Expectancy (min. operations):
Mechanical: 1 x 106
Electrical: 1x106 at 16A 400 VAC
5x105 at 35A 400 VAC (break only)
5x105 at 50A 400 VAC (break only)
Contacts: Contact rating: 50A (break only), 400 VAC cos Ø = 0.7 to 0.8

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	ORDER MULTIPLE
UMSR-50B-LF	Universal Motor Starting Relay	Supco: APR5, SUPR	EA	1

Lockout Protection Module



ICM220

Features

UL 873 recognition as compressor controller
Low cost lockout relay
Helps eliminate nuisance lockouts typical of Series 84 and 93 impedance relays
Ideal for use with safety/interlock switches

CATALOG NO.	CONTACTS	VOLTAGE	RELAY	FREQUENCY	DIRECT REPLACEMENT FOR	UOM	ORDER MULTIPLE
ICM220	2 amps @ 30 VAC resistive	18-30 VAC	1 form C	50/60 Hz	Essex: Impedance Relays Series 84 and 93	EA	1

Delay on Break Timers



ICM206

Features

Brownout protection
UL 873 recognition as compressor controller
Helps prevent scroll compressor reversal
Fast response time: 16 ms
Compressor lockout/anti-short cycle timer
Prevents low voltage starts
Eliminates relay chatter due to thermostat bounce or tampering
Works with anticipator-type thermostats
Patented: U.S. Patent No. 4,991,049
Series: ICM204: 3-minute delay
3-10 minute delay

CATALOG NO.	AMPS	VOLTAGE	FREQUENCY	DIRECT REPLACEMENT FOR	UOM	ORDER MULTIPLE
ICM206	1.5	18-30 VAC	50/60 Hz	A-1: EAC-426-ADJ, Supco: TD74	EA	1

OFF Delay Timing Purges Residual Air



ICM253

Features

UL 873 recognition for compressor applications
Post-purge fan delay timer
OFF delay purges ducts of residual air at the end of the heating/cooling cycle
Interrogation delay eliminates nuisance trips due to thermostat bounce/tampering

CATALOG NO.	AMPS	VOLTAGE	ADJUSTABLE TIME DELAY	DIRECT REPLACEMENT FOR	UOM	ORDER MULTIPLE
ICM253	1	18-30 VAC	12-390 seconds	Field Controls: 46144700, Gemline: 1C216, Mars: 32393	EA	1

POTENTIAL RELAYS CONT'D

Delay on Make Timers



ICM103

Applications

Ideal for compressor staging and stagger starting multiple motors and other equipment. Helps to reduce power surges.

Features

Highly precise digital timing
Switch-settable time delays
Ideal for ice machine applications
Universal voltage operation
Repeat accuracy .5% over voltage and temperature range

CATALOG NO.	VOLTAGE	FREQUENCY	DIMENSIONS	DIRECT REPLACEMENT FOR	UOM	OM
ICM103	18-240 VAC	50/60 Hz	2" x 2"	A-1: 7061. Gemline: 1C213, Ice-O-Matic: TD3001A, Mars: 32394, 32396 Robertshaw: 3310-068, Supco: TMF-19, TMF-80	EA	1



ICM102F

Features

Universal voltage operation
Higher 1.5 amp power rating
Knob-adjustable time delays
Works with anticipator-type thermostats
One model replaces many in field
Ideal for compressor staging
Simple 2-wire hookup
"F" suffix denotes 6" wire leads

CATALOG NO.	VOLTAGE	FREQUENCY	DIMENSIONS	DIRECT REPLACEMENT FOR	UOM	OM
ICM102	18-240 VAC	50/60 Hz	2" x 2"	Supco: TD69W, Wagner/DiversiTech: ADM-2	EA	1
ICM102F	18-240 VAC	50/60 Hz	2" x 2"	Supco: TD69W, Wagner/DiversiTech: ADM-2	EA	1



ICM104

Features

Highly precise digital circuitry
High power, SPDT relay output
Input to output isolation
Works with anticipator-type thermostats
Repeat accuracy .5% over voltage and temperature range
Rugged, compact package
115 and 240 VAC models available

CATALOG NO.	VOLTAGE	FREQUENCY	DIMENSIONS	DIRECT REPLACEMENT FOR	UOM	OM
ICM104	18-30 VAC	50/60 Hz	2" x 3"	Mars: 32394/32398	EA	1

ACCESSORIES AND CAPACITORS

Head Pressure Control Accessories

ITEM ID	DESCRIPTION	UOM	OM
ICM379	Probe for use with ALL head pressure controls with optional heat pump bypass feature	EA	1
ICM380	Optional pressure transducer for ICM330/ICM332/ICM333 single phase head pressure controls	EA	1



ICM379



ICM380

PTCR Hard Start Capacitors

Features (ICM855)
Increases starting torque up to 300%
Positive Temperature Coefficient (PTC) Technology
Quick recycling
Self-adjusting to voltage fluctuation
Easy to install: 2-wires, clips or screws
Low cost motor starting device

Features (ICM856)
Increases starting torque up to 500%
Positive Temperature Coefficient (PTC) Technology
Easy to install
Low cost motor starting device



ICM855

CATALOG NO.	VOLTAGE	CAPACITOR	RANGE	DIRECT REPLACEMENT FOR	UOM	OM
ICM855	115-288 VAC	43-52 Mfd., 330V	1/2 to 10 HP range (up to 1.5 HP recommended)	A-1: WXS-5, MARS: 32701, 35701 Supco: SPP-5, Wagner/DiversiTech: DST-5	EA	1
ICM856	115-288 VAC	88-106 Mfd., 330V	1/2 to 10 HP range (up to 2-5 HP recommended)	A-1: WXS-6, MARS: 32702, 35702 Supco: SPP-6, Wagner/DiversiTech: DST-6	EA	1

Hard Start

Features
Operating voltage: 120V
Maximum voltage: 180V
Maximum current: 12A
Retry time: within 90 seconds

Electric motor starter for single-phase commercial and domestic capillary refrigeration systems and freezers
Pre-wired for fast installation



ICM857

CATALOG NO.	OVERLOAD	MFD	FOR MOTORS	DIRECT REPLACEMENT FOR	UOM	OM
ICM857	12A	145-175	For 1/12 to 1/5 HP motors	Mars: 32481, Supco: RCO810	EA	1
ICM858	22A	243-292	For 1/4 to 1/3 HP motors	Mars: 32741, Supco: RCO410	EA	1
ICM859	30A	243-292	For 1/3 to 1/2 HP motors	Supco: RCO210	EA	1

THERMOSTATS

Thermostats - I3 Wi-Fi



I2020WR

Through innovation comes affordability! ICM's Programmable I3 Series of touch thermostats is designed around a unique way of using capacitive sensing technology to bring affordability to the touch marketplace. Each model features a huge display and a patent-pending dynamic interface for intuitive programming that makes installation and set up incredibly easy.

Features

- Large Display
- Buttonless/Switchless Front
- Dynamic Interface: Highly intuitive
- Customizable Printed Interface
- Customizable Icons
- Wi-Fi compatible
- Humidity Control
- Dual Fuel Compatibility
- Thin profile
- Mounting Base
- Removable Logo Plate
- Thermal Safety
- User Coded Lockout

ITEM ID	TYPE	STAGES	HEAT PUMP	POWER	WI-FI	HUMIDITY	TERMINATIONS	UOM	ORDER MULTIPLE
I2020WR	7-Day Programmable	2 H/2C	Y	Hardwired	Y	N	R, C, W1/O/B, W2, Y1, Y2, G, S1, S2	EA	1

Temp Stat 65F Heat Only Thermostat



ACH065

The ICM ACH065 Temp Stat 65 Degree Heat Only Thermostat is a low, single set point thermostat intended for use as a temporary device to provide heating to allow drywall to dry during construction.
They can also be used as a low ambient cutoff switch.

Features

Temporary use for dryout applications
Can be used as a low ambient cutoff switch

ITEM ID	DESCRIPTION	UOM	ORDER MULTIPLE
ACH065	ICM Dryout / New Construction Thermostat - 65°F Heat Only Thermostat	EA	1
ACH085	ICM Dryout / New Construction Thermostat - 85°F Heat Only Thermostat	EA	1

ADJUSTABLE THERMOSTATS

Remote Sensor



ACC-RT103

The fast, easy solution for temperature sensing problems
For tamper-prone areas
Poor air flow areas
Troubled applications
Foam gasket prevents drafts through wall opening
Mounts to standard 2" x 4" outlet box

CATALOG NO.	REMOTE SENSOR COMPATIBLE WITH THE FOLLOWING SIMPLECOMFORT® THERMOSTATS	UOM	OM
ACC-RT103	SC700V, SC710V, SC900V, SC4011, SC4211, SC4811, SC4812, SC4813, SC5011, SC5211, SC5811, SC5812, SC5813	EA	1

VOLTAGE AND PHASE PROTECTION

Motor Protection Controls



ICM441

Protects Against
Under voltage
Over temperature
Power interruptions
Rapid short cycling
Shorted temperature sensor
Open temperature sensor
Control duty, SPST relay layout
Anti-short cycle time delay,
4 minutes (nominal)
1-second manual bypass

Voltage: 120 or 208/240 VAC
Frequency: 50/60 Hz
Output:
- **Relay:** SPST
- **N.O.:** 6 Amps resistive

Dimensions: 3.25" x 3" x 1.25"

Direct Replacement For:
Bristol: 241680
Copeland: 071-0376-01, 071-0376-02, 071-0397-00, 071-0397-01, 071-0424-00, 071-0424-01, 071-9800-00, 071-9800-01
Mars: 37300, 37302, 37304, 37306, 37322
Texas Instruments: 15AA1600 B, 15AA1600 C, 15AA1603 B, 15AA1603 C, 31AA1600 E, 31AA1606 E

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
ICM441	3-Phase Motor Protectors	EA	1

Motor Protection Controls



ICM450A

Features
Fully programmable w/LCD diagnostic display
Easy to configure - simple push button setup
Easy to customize - set points, variables and features are fully adjustable and may be defined by the user while in control SETUP mode
Non-volatile 25-fault memory storage
Independent high and low voltage settings ideal for dual voltage compressor applications
Identifies front and back side faults
Reset mode: choice of auto or manual
Protects against: voltage unbalance, high/low voltage, phase loss, phase reversal, faulty power, incorrect sequencing and rapid short cycling
Reliable, high temperature LCD to 167˚F
Simultaneous voltage display, no scrolling
Line voltage programmable
Universal voltage operation: 190-630 VAC

Voltage: 190-630 VAC

Frequency: 50/60 Hz
Voltage unbalance: Adjustable: 2-25%
Control voltage: 18-240 VAC (optional)
Delay on break timer: 0-10 minutes
Output:
• **Relay:** SPDT • **N.O.:** 10 Amps • **N.C.:** 6 Amps
Dimensions: 6.5" x 4.25" x 1.5"

Direct Replacement For:
A-1: EAC-800, EAC-8000, EAC-8002
Copeland: 085-0160-00
Diversified: AC-2020, AC-301, AC-302
Mars: PFM-2000, Motorsaver: 455
SSAC: QLM, QLV, Time Mark: 265
Wagner/DiversiTech: DTP-3, WPC-800

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
ICM450A	3-Phase Line Voltage Monitors	EA	1

THERMOSTATS

SimpleComfort® PRO Series Programmable Thermostats

SimpleComfort® means simple control for year-round comfort and energy savings. These elegantly designed thermostats are extra rugged, highly reliable and accurate — ready for many years of worry-free operation. Simply perfect for residential or light commercial new construction or replacement. Easy, intuitive operation makes it simple to match temperature to any family's lifestyle. And with exclusive SimpleComfort® staging control, you can easily configure for optimum energy savings — or extra comfort.



SC5010

Features

- For single-stage heat/cool or single-stage heat pump
- 7-day, 5-2-day and 5-1-1-day programming
- ICM patented thermal intrusion barrier
- ICM patent-pending SimpleSet™ Target Programming technology
- Large display with backlight
- Permanent memory
- Dual powered (battery or hardwire)
- Manual or auto changeover

CATALOG NO.	ELECTRICAL RATING	TEMPERATURE CONTROL RANGE	TERMINATIONS	UOM	OM
SC5010	24 VAC (18-30 VAC)	45°F to 90°F (7°C to 32°C)	RC, RH, C, W/O/B, Y, G, S1, S2	EA	1



SC5811

Features

- For two-stage heat/cool or two-stage heat pump
- 7-day, 5-2-day and 5-1-1-day programming
- ICM patented thermal intrusion barrier
- ICM SimpleSetTM Target Programming
- Large backlit LCD display
- Auto or manual changeover
- Permanent memory
- Hardwired
- Adjustable temperature differential for each stage

CATALOG NO.	ELECTRICAL RATING	TEMPERATURE CONTROL RANGE	TERMINATIONS	UOM	OM
SC5811	24 VAC (18-30 VAC)	45°F to 90°F (7°C to 32°C)	R, C, W1/O/B, Y1, W2, Y2, G, S1, S2	EA	1



SC1600L

Features

- Single-stage heat thermostat
- ICM patented Thermal Intrusion Barrier
- Large backlit LCD display
- Compatible with gas, oil and hydronic systems
- Battery operated
- Freeze protection feature
- Remote sensor compatible
- Selectable °F and °C
- Millivolt compatible
- Low battery indicator

CATALOG NO.	ELECTRICAL RATING	TEMPERATURE CONTROL RANGE	TERMINATIONS	UOM	OM
SC1600L	24 VAC (18-30 VAC)	45°F to 90°F	R, W, S1, S2	EA	1



SC2010L

Features

- For single-stage heat/cool or single-stage heat pump
- ICM patented Thermal Intrusion Barrier
- SimpleSet™ target programming technology (config. only)
- Large display with backlight
- Adjustable temperature differential
- Dual powered
- Freeze protection
- Manual changeover
- Permanent memory
- Easy access terminal block
- Field adjustable calibration
- 4- or 5-wire compatible
- Selectable °F and °C
- Keypad lockout

CATALOG NO.	ELECTRICAL RATING	TEMPERATURE CONTROL RANGE	TERMINATIONS	UOM	OM
SC2010L	24 VAC (18-30 VAC)	45°F to 90°F	RC, RH, C, W, Y, O, B, G	EA	1

FAN CONTROL CENTER

Fan Control Centers

Features

Low voltage terminal board
Color coded leads



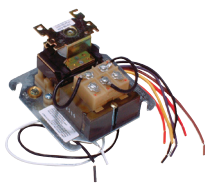
FC90112

Packard

CATALOG NO.	PRIMARY VOLTAGE	PRIMARY CONNECTIONS	SECONDARY VOLTAGE	SECONDARY CONNECTIONS	RELAY	DIRECT REPLACEMENT FOR	UOM	OM
FC90112	120	Leads	24	Terminal Board	DPDT	White-Rodgers 90-112	EA	1
FC90113	120	Leads	24	Terminal Board	SPDT	White-Rodgers 90-113	EA	1
FC90118	120	Leads	24	Terminal Board	SPNO/SPNC	White-Rodgers 90-118E	EA	1
FC90119	208/240	Leads	24	Terminal Board	SPDT	White-Rodgers 90-119	EA	1
FC90130	120/208/240	Leads	24	Terminal Board	DPDT	White-Rodgers 90-130	EA	1

Fan Centers

The fan centers offer low voltage for one and two speed fan motors; auxiliary circuits in heating cooling, or heating/cooling applications. This has a DPDT Relay and is UL rated. There are color coded pre-stripped leads on this center. This product has a 24V coil voltage, power, and duty rated contacts. It mounts directly to a 4in. electrical box.



D-90118

CATALOG NO.	VOLTAGE	UOM	OM
D-90118	208/240	EA	1

GENERAL PURPOSE

Direct Replacement Relays For ICP and Nordyne

Features

Electric heater relay
Used with AMF(K,H)xxCxx heaters in ICP and Nordyne air handlers



PR1922

Packard

CATALOG NO.	DESCRIPTION	AMPS @ 277VAC	AMPS @ 240VAC	COIL	DIRECT REPLACEMENT FOR	UOM	OM
PR1922	SPST-NO	30	40	22VDC	ICP 111001922 ICP 1084529	EA	1
PR1931	SPDT	30	40	24VAC	Nordyne 621931	EA	1

General Purpose Relays – 9400 Series

This product features quick connect terminals with universal mounting with break away tabs.

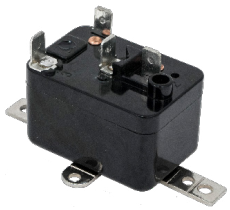


D90-372

CATALOG NO.	DESCRIPTION	AMPS RES	FLA/RA@125V	FLA/RA@250V	COIL VOLTAGE	UOM	ORDER MULTIPLE
D90-372	SPDT	18	14/84	8/48	120 VAC	EA	1

POTENTIAL RELAYS

SPST and SPDT Fan Relays



PR290Q

Features

1/4" Quick connect terminals
Used for switching solenoids, fan motors, and other applications.

CATALOG NO.	DESCRIPTION	AMPS RES.	FLA/LRA AT 125 VOLTS	FLA/LRA AT 250 VOLTS	COIL VOLTAGE	DIRECT REPLACEMENT FOR	UOM	OM
PR290Q	SPST-NO	16	—	8/25	24 VAC	90-290Q	EA	1
PR291Q	SPST-NO	16	—	8/25	120 VAC	90-291Q	EA	1
PR292Q	SPST-NO	16	—	8/25	240 VAC	90-292Q	EA	1
PR293Q	SPDT	16	—	8/25	24 VAC	90-293Q	EA	1
PR294Q	SPDT	16	—	8/25	120 VAC	90-294Q	EA	1
PR295Q	SPDT	16	—	8/25	240 VAC	90-295Q	EA	1
PR360	SPST-NO	18	12/60	8/48	24 VAC	90-360	EA	1
PR362	SPST-NO	18	12/60	8/48	120 VAC	90-362	EA	1
PR370	SPDT	18	12/60	8/48	24 VAC	90-370	EA	1
PR372	SPDT	18	12/60	8/48	120 VAC	90-372	EA	1
PR374	SPDT	18	12/60	8/48	240 VAC	90-374	EA	1
PR380	SPST NO + NC	18	12/60	8/48	24 VAC	90-380	EA	1
PR382	SPST NO + NC	18	12/60	8/48	120 VAC	90-382	EA	1
PR384	SPST NO + NC	18	12/60	8/48	240 VAC	90-384	EA	1

Switching Relays



PR340

Features

Used on heat pumps, vending machines, fans, and heating and air conditioning

CATALOG NO.	COIL VOLTAGE	DESCRIPTION	TERMINAL 1-2-3	TERMINAL 4-5-6	DIRECT REPLACEMENT FOR	UOM	OM
PR340	24	DPDT	Power	Power	90-340	EA	1
PR341	110/120	DPDT	Power	Power	90-341	EA	1
PR342	208/240	DPDT	Power	Power	90-342	EA	1
PR343	24	SPDT	Power	Pilot	90-343	EA	1
PR344	110/120	SPDT	Power	Pilot	90-344	EA	1
PR345	208/240	SPDT	Power	Pilot	90-345	EA	1

POTENTIAL RELAYS CONT'D

Potential Relays



PR9066

Packard

Features

Temperature range: 40°F to 130°F
Class B insulation
Continuous duty
UL recognized

CATALOG NO.	CONTINUOUS COIL VOLTAGE	PICK-UP MIN.	PICK-UP MAX.	DROP OUT MAX.	DC RES	COIL DATA MA	COIL DATA NOM. VA	INRUSH VA	CLASS INSULATION	DIRECT REPLACEMENT FOR	UOM	OM
PR9026	395	180	195	100	7147	12.7	5	10	B	90-26, 19008	EA	1
PR9063	170	140	153	65	1399	29	5	10	B	90-63, 19002	EA	1
PR9064	395	245	275	140	7147	12.7	5	10	B	90-64, 19003	EA	1
PR9065	332	171	184	90	5180	15	5	10	B	90-65, 19004	EA	1
PR9066	395	208	239	130	7147	12.7	5	10	B	90-66, 19005	EA	1
PR9067	420	300	328	121	10000	12	5	10	B	90-67, 19006	EA	1
PR9068	495	323	352	135	11950	10	5	10	B	90-68, 19007	EA	1
PR9071	420	223	252	150	10000	12	5	10	B	90-71, 19010	EA	1
PR9169	332	180	193	105	5600	12	5	10	B	19008	EA	1

Potential Relays - Titan Ice



TR63

TITAN ICE®

Features

Universal replacements for thousands of GE 3ARR3 model relays and many other OEM's
Proven performance for 40 years
Contact rating: 35 amps max, break only
Endurance up to 500,000 operations depending on load
Screw type terminals #8-32 thread
Six (6) quick connect terminals and screws included with each relay

Applications:

Central air conditioner compressors
Submersible pump motors
Motors generally over 1/3 HP with start capacitors

CATALOG NO.	INDUSTRY #	CONTINUOUS COIL VOLTAGE	PICK UP MIN	PICK UP MAX	DROP-OUT MAX	UOM	OM
TR64	19003	395V	257V	278V	123V	EA	1
TR65	19004	332V	165V	185V	93V	EA	1
TR66	19005	395V	210V	230V	123V	EA	1
TR68	19007	500V	322V	348V	138V	EA	1
TR70	19009	253V	282V	308V	80V	EA	1
TR71	19010	420V	209V	235V	124V	EA	1

CATALOG NO.	INDUSTRY #	CONTINUOUS COIL VOLTAGE	PICK UP MIN	PICK UP MAX	DROP-OUT MAX	UOM	OM
TR551	19551	332V	243V	271V	91V	EA	1

CATALOG NO.	DESCRIPTION	UOM	OM
TRQC6	Package of six (6) double quick connect terminals with screws	EA	1



TRQC6

TITAN ICE®

HEAT SEQUENCERS

Heat Sequencers

Features

Contact ratings: up to 25 Amps at 120 or 240 Volts
Full-load rated auxiliary contacts
Standard operating ambient between -50°F (-45.5°C) and 165°F (73.8°C)
Shock and vibration resistant
Solid state
Quick-connect terminals
Mounts in any position
UL recognized



HS24A345

Packard

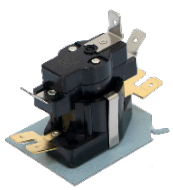
			TIMINGS - ON					TIMINGS - OFF							
CATALOG NO.	TIMINGS	SWITCHES	M1-M2	M3-M4	M5-M6	M7-M8	M9-M10	M1-M2	M3-M4	M5-M6	M7-M8	M9-M10	TYPE	UOM	OM
HS24A341	1	1	1-20	—	—	—	—	40-110	—	—	—	—	SPST	EA	1
HS24A342	1	1	—	—	30-90	—	—	—	—	1-30	—	—	SPST	EA	1
HS24A343	1	2	1-20	1-20	—	—	—	40-110	40-110	—	—	—	DPDT	EA	1
HS24A344	1	2	—	—	30-90	30-90	—	—	—	1-30	1-30	—	DPDT	EA	1
HS24A345	2	3	1-110	1-110	1-110	—	—	1-110	1-110	1-110	—	—	DPDT-SPST	EA	1
HS24A346	2	4	1-110	1-110	1-110	1-110	—	1-110	1-110	1-110	1-110	—	2-DPDT	EA	1
HS24A3414	4	5	1-160	1-160	1-160	1-160	1-160	1-160	1-160	1-160	1-160	1-160	2DPDT-SPST	EA	1

DIRECT REPLACEMENT FOR	HS24A341	HS24A342	HS24A343	HS24A344	HS24A345	HS24A346	HS24A3414
Gemline	GS101	GS102	GS103	GS104	GS105	GS106	GS107
Klixon	60000AOM	A012	E017	51172-22	51172-32	51172-33	51172-131-5
White-Rodgers	24A34-1	24A34-2	24A34-3	24A34-4	24A34-5	24A34-6	24A34-14

Heat Sequencers

Features

Contact ratings: up to 25 Amps at 120 or 240 Volts
Full-load rated auxiliary contacts
Standard operating ambient between -50°F (-45.5°C) and 165°F (73.8°C)
Shock and vibration resistant
Solid state
Quick-connect terminals
Mounts in any position
UL recognized



HS33247

Packard

CATALOG NO.	TYPE	CONTROL VOLTAGE	DELAY ON (SECONDS)	DELAY OFF (SECONDS)	DIRECT REPLACEMENT FOR	UOM	OM
HS33247	SPDT 1 & 3 N.O.	24	1-24	15-75	Goodman B1370738 Klixon COM-21	EA	1

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

TIME DELAYS

Time Delay Relays



PTD102

Packard

Application

Prevents short cycling of air conditioning, refrigeration and heat pump compressors

Features

Universal voltage
Mounts in any position
Adjustable up to 10 minutes
Easy two-wire installation
Delay on make / delay on break

CATALOG NO.	CONN.	TIME DELAY	INPUT LINE FREQ.	INPUT LINE VOLTAGE	OUTPUT RATINGS INRUSH	OUTPUT RATINGS MAX.	OUTPUT RATINGS MIN.	DIRECT REPLACEMENT FOR			UOM	OM
PTD102	2 - 1/4" male terminals	.03 - 10 mins.	50/60	18-240VAC/ VDC	15 amps	1.5 amps	40 mA	Carrier P284-2391 Gemline IC213 Gemline IC310	ICM 102B ICM 102FB ICP 1160706 Lennox 24C4101 Lennox 47A7301	McQuay 282101B14 McQuay 282101B2 McQuay 282101B3 Rheem 42-22326-01 Rheem 42-41542-01 3310-068 ADM-2	EA	1
PTD203	2 - 1/4" male terminals	.03 - 10 mins.	50/60	18-240VAC/ VDC	15 amps	1.5 amps	40 mA	A-1 Components F7035 Carrier P284-2392	ICM 203B ICP 1160708 ICP 1160711	3310-072 Trane TMR107 Trane TMR52 ADB-1	EA	1

LIMIT THERMOSTATS

Adjustable Thermostats



PT014

Packard

Applications

Covers approximately 95% of the hundreds of different temperature ranges and styles used on dryers and heating applications

Features

Dial knob
1/4" quick connect terminals

CATALOG NO.	SWITCH ACTION	SWITCH TYPE	TEMP. RANGE	DIFFERENTIAL	VOLTS	AMPS	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
Limit Controls										
PT012	Open On Rise	SPST	135°F to 175°F	40°F	250	25	50/60	AT012 39220 3L05-1	EA	1
PT013	Open On Rise	SPST	175°F to 215°F	40°F	250	25	50/60	AT013 39225 3L05-2	EA	1
PT014	Open On Rise	SPST	210°F to 250°F	40°F	250	25	50/60	AT014 39230 3L05-4	EA	1
PT015	Open On Rise	SPST	250°F to 290°F	40°F	250	25	50/60	AT015 39235 3L05-13	EA	1
Fan Controls										
PT021	Close On Rise	SPST	90°F to 130°F	20°F	250	25	50/60	AT021 39205 3F05-1	EA	1
PT022	Close On Rise	SPST	140°F to 180°F	20°F	250	25	50/60	AT022 39210 3F05-2	EA	1

LIMIT THERMOSTATS CONT'D

Manual - SPST - Limit Thermostats

Features

Used in gas fired furnaces, unit heater and rooftop units
Manual reset
Wide temperature range for most heating applications



PRL240

CATALOG NO.	TERMINALS	SWITCH ACTION	SWITCH TYPE	CUT IN TEMP.	CUT OUT TEMP.	AMPS	VOLTS	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
PRL130	Vertical 1/4"	Open On Rise	SPST	Manual Reset	130°F	16.0	250	50/60	Rheem 47-22453-01	EA	1
PRL135	Vertical 1/4"	Open On Rise	SPST	Manual Reset	135°F	16.0	250	50/60	Rheem 47-22453-02	EA	1
PRL220	Vertical 1/4"	Open On Rise	SPST	Manual Reset	220°F	16.0	250	50/60	Nordyne 626354	EA	1
PRL230	Vertical 1/4"	Open On Rise	SPST	Manual Reset	230°F	16.0	250	50/60	Nordyne 626353	EA	1
PRL240	Vertical 1/4"	Open On Rise	SPST	Manual Reset	240°F	16.0	250	50/60	Nordyne 626355	EA	1
PRL250	Vertical 1/4"	Open On Rise	SPST	Manual Reset	250°F	16.0	250	50/60	Nordyne 626352	EA	1
PRL260	Vertical 1/4"	Open On Rise	SPST	Manual Reset	260°F	16.0	250	50/60	Nordyne 626350	EA	1
PRL300	Vertical 1/4"	Open On Rise	SPST	Manual Reset	300°F	16.0	250	50/60	Heil 1005549 York 026-34027-000	EA	1
PRL350	Vertical 1/4"	Open On Rise	SPST	Manual Reset	350°F	16.0	250	50/60	Rheem 47-22861-01 Goodman B1370154	EA	1

Automatic Small Flush Mount - SPST - Limit Thermostats

Features

Used in gas fired furnaces, unit heater and rooftop units
Automatic reset
Wide temperature range for most heating applications



PLF190HA

CATALOG NO.	TERMINALS	CUT IN TEMP.	CUT OUT TEMP.	DIFFERENTIAL	UOM	OM
PLF130VA	Vertical 1/4"	115°F	130°F	15°F	EA	1
PLF155VA	Vertical 1/4"	115°F	155°F	40°F	EA	1
PLF158VB	Vertical 3/16"	118°F	158°F	40°F	EA	1
PLF165VA	Vertical 1/4"	125°F	165°F	40°F	EA	1
PLF170VA	Vertical 1/4"	130°F	170°F	40°F	EA	1
PLF185VB	Vertical 3/16"	145°F	185°F	40°F	EA	1
PLF190HA	Horizontal 1/4"	150°F	190°F	40°F	EA	1
PLF194HB	Horizontal 3/16"	154°F	194°F	40°F	EA	1
PLF200HA	Horizontal 1/4"	160°F	200°F	40°F	EA	1
PLF200VA	Vertical 1/4"	160°F	200°F	40°F	EA	1
PLF210HA	Horizontal 1/4"	170°F	210°F	40°F	EA	1
PLF222VA	Vertical 1/4"	182°F	222°F	40°F	EA	1
PLF230HA	Horizontal 1/4"	190°F	230°F	40°F	EA	1
PLF230HB	Horizontal 3/16"	190°F	230°F	40°F	EA	1
PLF250HA	Horizontal 1/4"	200°F	250°F	50°F	EA	1
PLF252VB	Vertical 3/16"	202°F	252°F	50°F	EA	1
PLF255VA	Vertical 1/4"	205°F	255°F	50°F	EA	1
PLF260HA	Horizontal 1/4"	210°F	260°F	50°F	EA	1
PLF275HB	Horizontal 3/16"	225°F	275°F	50°F	EA	1
PLF275VB	Vertical 3/16"	225°F	275°F	50°F	EA	1
PLF280HB	Horizontal 3/16"	230°F	280°F	50°F	EA	1
PLF300HB	Horizontal 3/16"	250°F	300°F	50°F	EA	1
PLF300VA	Vertical 1/4"	250°F	300°F	50°F	EA	1
PLF330VA	Vertical 1/4"	280°F	330°F	50°F	EA	1

Manual Reset Fire Stat

This bi-metal switch is used as a manual reset. When temperature condition is met, the device opens. The manual reset can only be reset after proper cool down of the switch. The HMR 130 is a popular fire stat in ducted air distribution systems. Should temperatures in the duct exceed 130° F, the switch opens, shutting down the whole system so no fire or smoke can be spread by the fan.



HMR-130

CATALOG NO.	DESCRIPTION	UOM	OM
HMR-130	Bi-metal Manual Reset Fire Stat	EA	1

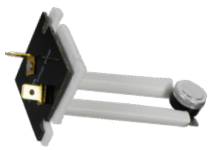
PLENUM THERMOSTATS

Plenum Thermostats

Features

Opens when furnace plenum area temperature is too high
Shuts furnace down until the temperature returns to normal

Packard



PHL501

CATALOG NO.	CLOSE TEMP. °F	OPEN TEMP. °F	THERMODISC	CROSS REFERENCES CARRIER	BRYANT	GOODMAN	RHEEM	TRANE	YORK	UOM	OM
PHL501	130	170	L170-40 SPST	P331-2203	HH12ZA174A, HH127A176A	—	47-21711-06	—	025-29041-007	EA	1
PHL502	150	180	L180-30 SPST	—	HH12ZA178A	B1370001	—	—	—	EA	1
PHL503	150	190	L190-40 SPST	P331-2205	HH12ZA189, HH12ZB190 HH12ZA193A	—	47-21711-03	—	025-29041-012	EA	1
PHL504	200	240	L240-40 SPST	P331-2217	HH12ZA240, HH12ZA252A	—	—	—	—	EA	1
PHL505	100	140	L140-40 SPST	—	HH12ZB140	—	—	—	—	EA	1
PHL506	130	170	L170-40 SPST	—	HH12ZB170	—	—	SWT1258	—	EA	1
PHL507	110	140	L140-30 SPST	—	HH12ZA140	—	—	—	025-29041-005	EA	1
PHL508	170	190	L150-20 SPST	P331-2005	HH12ZB190, HH12ZA193 HH12ZA189	B1370913	—	SWT1260	—	EA	1
PHL509	210	240	L240-30 SPST	P331-2217	HH12ZB240, HH12ZA252 HH12ZA240	B1370903	—	—	—	EA	1
PHL510	130	150	L150-20 SPST	—	HH12ZB150	—	—	—	—	EA	1
PHL511	140	160	L160-20 SPST	—	HH12ZB160	—	—	—	025-29041-004	EA	1
PHL512	150	170	L170-20 SPST	—	HH12ZB170	—	—	—	—	EA	1
PHL513	130	170	L170-40 SPST	—	—	—	—	—	—	EA	1
PHL514	104	180	L180-40 SPST	—	HH12ZB180	—	—	—	025-29031-711	EA	1
PHL515	160	200	L200-40 SPST	—	HH12ZB200, HH12ZA199 HH12ZA201	—	—	—	025-29041-006	EA	1
PHL516	170	210	L210-40 SPST	—	HH12ZB210	—	—	SWT1263	—	EA	1
PHL517	180	220	L220-50 SPST	48NHT042	HH12ZB220, HH12ZA219 HH12ZA223	—	—	SWT1273	—	EA	1
PHL518	210	250	L250-40 SPST	P331-2208	HH12ZB250, HH12ZA251	B1370012S	—	SWT1261 SWT1272	—	EA	1
PHL519	125	155	L155-30 SPST	—	—	B1370006	—	—	—	EA	1

LIMIT THERMOSTATS

Commercial Refrigeration Thermostats

The Packard tube mounted thermostats cover a wide range of commercial refrigeration applications including walk-ins, reach-ins, and beverage coolers. Long lead wires and multiple tube diameter options cover a wide range of popular brands.

Features

Epoxy Encased Switches for moisture protection
Mounts directly to tube with included clip
Long lead wires



PRT2060

Packard

CATALOG NO.	OPER. TEMP. F° OPEN	OPER. TEMP. F° CLOSE	TUBE MOUNT (IN.)	SWITCH	UOM	OM
PRT2030	20	30	3/4	SPST	EA	1
PRT205	20	5	3/4	SPST	EA	1
PRT2060	20	60	5/8	SPST	EA	1
PRT355	35	5	5/8	SPST	EA	1
PRT3555	35	55	3/8	SPST	EA	1
PRT4020	40	20	5/8	SPST	EA	1
PRT5030	50	30	5/8	SPST	EA	1
PRT5035	50	35	1/2	SPDT	EA	1
PRT6520	65	20	5/8	SPDT	EA	1
PRT7020	70	20	5/8	SPDT	EA	1

PRESSURE SWITCHES

Cartridge Low Pressure Controls



PLP0520

Features

18 inch leads
Hermetically sealed
Tamper proof construction
Direct mounting on tubing
100% tested
UL recognized
Contacts rated at 6 amps, 24-240 volts
For use in residential and commercial A/C and commercial refrigeration

CATALOG NO.	OPEN PSI	CLOSE PSI	TOLERANCE	DIRECT REPLACEMENT FOR	UOM	OM
PLP0520	5	20	± 5 PSI	SLP0520	EA	1
PLP1025	10	25	± 5 PSI	SLP1025	EA	1
PLP1535	15	35	± 5 PSI	SLP1535	EA	1
PLP2550	25	50	± 5 PSI	SLP2550	EA	1
PLP2565	25	65	± 5 PSI	SLP2565	EA	1
PLP2580	25	80	± 5 PSI	SLP2580	EA	1
PLP4080	40	80	± 5 PSI	SLP4080	EA	1
PLP5090	50	90	± 5 PSI	SLP5090	EA	1
PLP75100	75	100	± 5 PSI	SLP75100	EA	1
PLP90120	90	120	± 5 PSI	SLP90120	EA	1

Cartridge High Pressure Controls



PHP200150

Features

18 inch leads
Hermetically sealed
Tamper proof construction
Direct mounting on tubing
100% tested
UL recognized
Contacts rated at 6 amps, 24-240 volts
For use in residential and commercial A/C and commercial refrigeration

CATALOG NO.	OPEN PSI	CLOSE PSI	TOLERANCE	DIRECT REPLACEMENT FOR	UOM	OM
PHP200150	200	150	± 15 PSI	SHP200150	EA	1
PHP250150	250	150	± 15 PSI	SHP250150	EA	1
PHP275195	275	195	± 15 PSI	SHP275195	EA	1
PHP300200	300	200	± 15 PSI	SHP300200	EA	1
PHP350250	350	250	± 15 PSI	SHP350250	EA	1
PHP375265	375	265	± 15 PSI	SHP375265	EA	1
PHP400200	400	200	± 15 PSI	SHP400200	EA	1
PHP400280	400	280	± 15 PSI	SHP400280	EA	1
PHP400300	400	300	± 15 PSI	SHP400300	EA	1
PHP425300	425	300	± 15 PSI	SHP425300	EA	1
PHP425325	425	325	± 15 PSI	SHP425325	EA	1
PHP450250	450	250	± 15 PSI	SHP450250	EA	1
PHP600475	600	475	± 15 PSI	33361	EA	1
PHP610420	610	420	± 15 PSI	SHP610420	EA	1

Cartridge Fan Cycle Pressure Controls



PFC75120

Features

18 inch leads
Hermetically sealed
Tamper proof construction
Direct mounting on tubing
100% tested
UL recognized
Contacts rated at 6 amps, 24-240 volts
For use in residential and commercial A/C and commercial refrigeration

CATALOG NO.	OPEN PSI	CLOSE PSI	TOLERANCE	DIRECT REPLACEMENT FOR	UOM	OM
PFC75120	75	120	± 15 PSI	SFC75120	EA	1
PFC110170	110	170	± 15 PSI	SFC110170	EA	1
PFC210275	210	275	± 15 PSI	SFC210275	EA	1
PFC150225	150	225	± 15 PSI	SFC150225	EA	1
PFC170250	170	250	± 15 PSI	SFC170250	EA	1
PFC200365	200	365	± 15 PSI	SFC200365	EA	1
PFC300400	300	400	± 15 PSI	SFC300400	EA	1

Cartridge Manual High Pressure Controls



PMR375

Features

18 inch leads
Hermetically sealed
Tamper proof construction
Direct mounting on tubing
100% tested
UL recognized
Contacts rated at 6 amps, 24-240 volts
For use in residential and commercial A/C and commercial refrigeration

CATALOG NO.	OPEN PSI	CLOSE PSI	TOLERANCE	DIRECT REPLACEMENT FOR	UOM	OM
PMR375	375	Manual	± 15 PSI	SMR375	EA	1
PMR410	410	Manual	± 15 PSI	SMR410	EA	1
PMR440	440	Manual	± 15 PSI	SMR440	EA	1
PMR575	575	Manual	± 15 PSI	SMR575	EA	1
PMR610	610	Manual	± 15 PSI	SMR610	EA	1
PMR630	630	Manual	± 15 PSI	SMR630	EA	1

PRESSURE SWITCHES CONT'D

Air Pressure Sensing Switch Kits



PS415

Features

Designed for residential furnace and light commercial aftermarket applications; duct heater, oven, and other HVAC or energy management applications
Mounts with the diaphragm in vertical plane
Easy installation

CATALOG NO.	DESCRIPTION	RANGE	OPERATING TEMP. RANGE	CONTACT ARRANGEMENT	CONNECTION	APPROVAL	UOM	OM
PS000	Field Adjustable Switch Kit	0.10"wc To 10.0"wc.	-40F To 190F	SPDT	1/4" Quick-Connect Terminals	UL, CUL	EA	1
PS495	Field Adjustable Switch Kit	0.20"wc To 1.0"wc.	-40F To 190F	SPDT	3 Male 90° Quick-Connect terminals	UL	EA	1
PS498	Field Adjustable Switch Kit	1.0"wc To 4.0"wc.	-40F To 190F	SPDT	3 Male 90° Quick-Connect terminals	UL	EA	1
PS222	Field Adjustable Switch Kit	0.05"wc To 10.0"wc.	-40F To 180F	SPDT	Screw Top Terminals With Cup Washers	UL	EA	1
PS221	Fixed Set Point Switch Kit	Operates On Pressure Rise At 0.05±0.02"w.c.	-40F To 180F	SPDT	1/4" Male 90° Quick-Connect terminals	UL	EA	1
PS400	Field Adjustable Switch Kit	0.15"wc To 5.0"wc.	-40F To 180F	SPDT	Screw Terminals With Cup Washers	UL, CUL	EA	1
PS415	Field Adjustable Switch Kit	0.15"wc To 5.0"wc.	-40F To 180F	SPST-NO. SPST-NC, SPDT	1/4" 90° Quick-Connect Terminals, Screw Terminals With Cup Washers	UL	EA	1

Universal Air Flow Sample Probe and Tubing Kit



PS606

CATALOG NO.	DESCRIPTION	INCLUDES	UOM	OM
PS606	Universal Air Flow Sample Probe & Tubing Kit	7" Universal Probe, Mounting Flange, 6-32 Slotted Flange-Locking Set Screw, 3′ Tubing	EA	1

THERMOCOUPLES

Thermocouples



22218

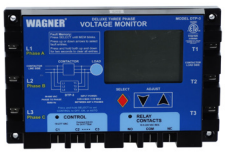
Features

Designed to simplify installation on automatic controls and burners
Stainless steel head and weld at tip to provide reliable performance
Kit includes adapters to fit most types of pilot burners
Five popular lengths are available

		DIRECT REPLACEMENT FOR					
CATALOG NO.	LENGTH (IN.)	HONEYWELL	JOHNSON	PENN	ROBERTSHAW	UOM	OM
22218	18	Q340A1066	K19AT-18, K15DS-18	K19AT-18, K15DS-18	1900-018, 1980-018	EA	1
22224	24	Q340A1074	K19AT-24, K15DS-24	K19AT-24, K15DS-24	1900-024, 1980-024	EA	1
22230	30	Q340A1082	K19AT-30, K15DS-30	K19AT-30, K15DS-30	1900-030, 1980-030	EA	1
22236	36	Q340A1090	K19AT-36, K15DS-36	K19AT-36, K15DS-36	1900-036, 1980-036	EA	1
22248	48	Q340A1108	K19AT-48, K15DS-48	K19AT-48, K15DS-48	1900-048, 1980-048	EA	1

VOLTAGE AND PHASE PROTECTION

Digital Three Phase Line Voltage Monitor



DTP-3

Offers continuous protection against voltage anomalies which can damage compressors, motors and other sensitive electrically operated devices.

PROTECTION: Loss of Phase, Phase Reversal, Voltage Imbalance, Low Voltage, High Voltage

DISPLAY: Large custom LCD display indicates all operating conditions at a glance. Three large sets of digits provide easy system troubleshooting.

VOLTMETER: Three independent voltmeters read both line and contactor load (backside) voltages.

MONITORED VOLTAGE: 160 to 600 Volts 50-60 Hz.

POWER SUPPLY: Power for the WPC-500 is automa-tically derived from any active phase. System operation is not dependent on the control voltage or a specific phase for power.

CONTROL VOLTAGE: 19-277 VAC. Anticipator load is provided for operation with 24 volt electronic and mechanical thermostats.

OPERATING VOLTAGE SET POINT: 175 to 650 VAC. Digitally adjustable in one volt increments.

VOLTAGE TRIP POINT: Adjustable in 1% increments between 6% and 18% of selected operating voltage. Restart voltage set point (hysterisis) fixed at cutout voltage + 3%.

VOLTAGE SYMMETRY: Adjustable imbalance trip point from 2% to 25% of selected operating voltage.

RESPONSE TIMES:
Phase Loss/Reversal: 100 mS max.
Imbalance: Adjustable Response Timer
Over or Under Voltage: Adjustable Response Timer

LOCKOUT DELAY TIMER: Fully adjustable 0 to 720 Seconds (0 to 12 minutes). Digital display shows re- maining time and user set points.

SEQUENTIAL START TIMER: 0 to 30 seconds in one second increments.

RESPONSE TIMER: 0.1 to 20 Seconds. Digital display shows remaining time and user set points.

MEMORY: Up to 25 past fault conditions are stored for later retrieval and analysis. The faults may be dis- played or cleared by the front panel buttons.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
DTP-3	Digital 3-Phase Motor Protector	EA	1

Digital Single Phase Line Voltage Monitor



DSP-1

Automatic voltage monitor and control system. Continuously measures incoming line voltage, allowing detection of any voltage outside the tolerances that you set. If these limits are exceeded, the response timer begins counting. You may also set response time – a short time for a quick response or a long time to avoid nuisance tripping. If the voltage remains outside the tolerance after the time has elapsed, the DSP-1 will turn off its output relay and protect your device. While output is off, an additional delay timer activates to avoid rapid restarts.

FEATURES:
Digital voltmeter displays instantaneous line voltage;
Automatic voltage tester adjusts from 90 to 300 volts;
Adjustable response timer (0.1 to 10 sec.) prevents nuisance tripping;
Adjustable delay timer (1 to 720 sec.) prevents rapidrestarts;
Digital display makes for easy viewing and operation

SPECIFICATIONS:

Voltmeter:	70 to 325 Volts
Voltage Set Point:	90 to 300 Volts
Tolerance Limits:	6 to 18%
Response Timer:	0.1 to 10 seconds
Delay Timer:	1 to 720 seconds
Output Relay:	10 Amps, 250 VAC resistive, single-pole/double-throw
Control Input:	18 to 250 VAC with anticipator load for 24 volt thermostats

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
DSP-1	Digital Single Phase Motor Protector	EA	1

SURGE PROTECTORS CONT'D

Ditek Single Phase Surge Protectors

Features

Weatherproof Encl.
Parallel connection for easy installation
Diagnostic LED provides positive indication of power, ground presence, and surge protection
Automatically resets to handle multiple surge events
Typical Applications: A/C disconnect, small electrical panels, pool/well pumps
Half the response time as similar models



PSP72KA

CATALOG NO.	SERVICE WIRING	SURGE CURRENT RATING	MCOV	UL 1449, 3RD ED. V.P.R.	SHORT CIRCUIT CURRENT RATING	UL1449, 3RD ED. IN RATING	DIRECT REPLACEMENT FOR	UOM	ORDER MULTIPLE
PSP72KA	Split Φ (2W + G), 120/240VAC	50,000A	150/320V	700V L-G, 1,200V L-L	10,000A	10,000A	SMC60 SMC150	EA	1

Ditek Single Phase Surge Protectors

Features

Voice, data and signaling circuit surge protection
Adds no resistance to loop circuits
#22-#16 AWG screw terminal connections
For 24 volt service



PSP38VDC

CATALOG NO.	PROTECTION MODE	SURGE CURRENT RATING	MCOV	MAX CONTINUOUS CURRENT	CLAMPING VOLTAGE	DIRECT REPLACEMENT FOR	UOM	ORDER MULTIPLE
PSP38VDC	Line-Ground	2,000 Amps/Pair (5-48V) 9,000 Amps/Pair (75-130V)	38VDC	5A, 0.5A (SCP)	47V	SYCST027B	EA	1

Ditek CMXPLUS 3 Phase Surge Protectors

Features

NEMA 4X Encl. allows for use in harsh environments
Parallel connection for easy installation
Flexible Lockstrap
Diagnostic LED indicates system power and function
Automatically resets to handle multiple surge events



DTK-4803CMXPLUS

CATALOG NO.	DESCRIPTION	SERVICE VOLTAGE	PHASE	TYPE	UOM	ORDER MULTIPLE
DTK-2403CMXPLUS	3 Phase Surge Protector	208/240VAC	3	SPD Type 1	EA	1
DTK-4803CMXPLUS	3 Phase Surge Protector	480VAC	3	SPD Type 1	EA	1
DTK-6003CMXPLUS	3 Phase Surge Protector	600VAC	3	SPD Type 1	EA	1

Surge-Trap Type 1 STXH

The most compact of the STX series offering, the Surge-Trap® Type 1 STXH meets requirements for UL1449 4th Edition and is suitable for any 120/240VAC split phase application. The STXH Series SPD features TPMOV® technology inside making it the safest product available in its category. Its compact size, performance and reliability are especially ideal for HVAC applications and direct mounting to air condition disconnect switches.



STXH120P05

CATALOG NO.	DESCRIPTION	UPC	UOM	ORDER MULTIPLE
STXH120P05	STXH Type 1 50kA 120V Single Phase	0782001472511	EA	1
STXH240S05	STXH Type 1 50kA 240/120V Split Phase	0782001472504	EA	1

Surge-Trap Type 1 STXR

The most popular range in the STX series offering, the Surge-Trap® Type 1 STXR meets requirements for UL1449 4th Edition and is ideal for the replacement of obselete surge arrestors. The STXR Series SPDs feature TPMOV® technology inside, making them the safest product available. With a small, compact design and line or load installation flexibility, the STXR series is the perfect fit for branch panel and/or individual equipment protection.



STXR208Y05N

CATALOG NO.	DESCRIPTION	UPC	UOM	ORDER MULTIPLE
STXR208Y05N	STXR Type1 50kA 208Y/120V N-G	0782001469962	EA	1
STXR480Y05N	STXR Type 1 50kA 480Y/277V N-G	0782001469986	EA	1
STXR240D05	STXR Type 1 50kA 240V 3-Phase DELTA	0782001469900	EA	1
STXR480D05	STXR Type 1 50kA 480V 3-Phase DELTA	0782001469917	EA	1
STXRMBK	STXR Surge Protector Mounting Bracket Kit	0782001470760	EA	1

Surge Protector - Single Phase

The Eaton CHSPT2SURGE Home-round Surge Protector, Single Phase, 120/240 volts, Nema 4, Ul 1449 3rd Edition protect your home electronics from the damaging effects of electrical surges. They provide premium surge protection for AC power and cable at the point of entrance to the home. Protection at this location can reduce surges entering the home to an acceptable level for your home electronics and appliances.



CHSPT2SURGE

CATALOG NO.	DESCRIPTION	UPC	UOM	ORDER MULTIPLE
CHSPT2SURGE	Single Phase, 120/240 volts	786685971285	EA	1

Kool Guard 2

Intelligent Voltage Monitoring. It is specifically designed to protect HVAC equipment from harmful undervoltage and overvoltage events that can damage sensitive electronics and mechanical components within the system.



DTK-KG2

Features

Auto-calibration feature eliminates the need to manually calibrate the unit to the specific input voltage
Safely disconnects power to the system for 3 minutes allowing input voltage to return to normal range
Ideal protection for inverter-driven compressor systems and mini-splits
Diagnostic red and green LEDs indicate exactly what voltage condition is present

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
DTK-KG2	Kool Guard 2 Surge Protector	EA	1

Whole Home Surge Protective Device (120/240V)

Features

TPMOV® technology
Optional flush mount kit
5-year $10,000 residential connected equipment warranty
Type 1 SPD
20kA In
UL1449



DTK-120-240HD

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
DTK-120-240HD	50kA/phase surge current rating	EA	1

FAN BLADES

OEM Direct Replacements

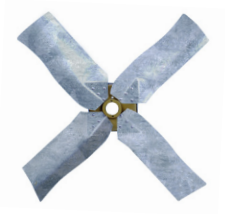
CARRIER | GOODMAN | GREENHECK | HC DUKE | HUSSMAN LENNOX | NORDYNE | RHEEM | SCOTTSMAN | TAYLOR TRANE | LENNOX / ALLIED AIR | LENNOX/EXCEL

OEM BRAND	OEM PART NUMBER	CATALOG NO.
CARRIER	LA01EA025	R32213
CARRIER	LA01EA026	R21801
CARRIER	LA01EA037	R32205
CARRIER	LA01EA038 / LA01EA037	R32206
CARRIER	LA01EC018	R31821
CARRIER	LA01EW051	R31404
CARRIER	LA01RA004	R32603
CARRIER	LA01RA005	R32607
CARRIER	LA01RA006	R32610
CARRIER	LA01RA015	R31811
CARRIER	LA01RA027	R32202
CARRIER	LA01RA028B	R32208
CARRIER	LA01RA033	R32017
CARRIER	LA01RA038A	R32215
CARRIER	LA01RA220	R22001
CARRIER	LA01RA221	R22002
CARRIER	LA01RA222	R22401
CARRIER	LA01RA225	R22402
CARRIER	LA01RA312	R32402
CARRIER	LA01RA320	R32004
CARRIER	LA01RA321	R32008
CARRIER	LA01RA323	R32409
CARRIER	LA01RA324	R32406
CARRIER	LA01RA325	R32401
CARRIER	LA01RA326	R32602
CARRIER	LA01RA327	R32605
CARRIER	LA01RA329	R32606
CARRIER	LA01RA334	R32601
GOODMAN	10625738	R32604
GOODMAN	0150M00001P	R32009
GOODMAN	0150M00016	R32204
GOODMAN	B1086756	R31815
GOODMAN	B1086764	R42201
GOODMAN	B1086765	R42209
GOODMAN	B1086770	R32201

OEM BRAND	OEM PART NUMBER	CATALOG NO.
GOODMAN	B1086771	R31816
GOODMAN	B1086773	R32209
GOODMAN	B1086775 / 0150M00006	R32216
GREENHECK	335629	R31270
GREENHECK	335650	R31272
HC DUKE	HC159037	R31268
HUSSMAN	E316580	R31267
HUSSMAN	E410387001	R31266
LENNOX	100060-09 / 68J2801	R41812
LENNOX	100060-10	R42210
LENNOX	100060-13	R42204
LENNOX	37L4801	R31604
LENNOX/ALLIED AIR	68J2601 / 100060-07	R31807
LENNOX/ALLIED AIR	68J2701 / 100060-08	R41805
LENNOX/EXCEL	100060-18	R32204
LENNOX/EXCEL	20391102	R31817
LENNOX/EXCEL	100060-03	R31810
LENNOX/EXCEL	100060-19	R32212
NORDYNE	667303	R32406
NORDYNE	6672790	R32003
NORDYNE	667261C	R31801
NORDYNE	667262B	R31814
NORDYNE	667316A	R32403
NORDYNE	667319A	R22405
RHEEM	702185906	R22201
RHEEM	7010132314	R31781
RHEEM	7010132315	R21781
RHEEM	7010201106	R32010
RHEEM	7010201107	R22204
RHEEM	70-102011-04	R22406
SCOTTSMAN	18888201	R31271
TAYLOR	63397	R31269
TRANE	D154218P38 / D154218P37	R22701
TRANE	D154229P01	R31901
TRANE	D154229P02	R31902

FAN BLADES CONT'D

KH/KC Fans



R42408

Applications

Commercial air conditioning and ventilation
Air handlers
Cooling towers
Large unit heaters
Agricultural applications

Features

24" to 48" diameters
Heavy-Gauge for added strength
Steel spiders
Rotation determined by viewing air-discharge side of fan
Individually boxed
6 blade available
Made in USA

CATALOG NO.	NO. OF BLADES	DIAM. (IN.)	PITCH (°)	ROTATION	BORE (IN.)	HUB LOCATION	MATERIAL	MAX RPM	INDUSTRY NO.	UOM	OM
R42408	4	24	28	CW	—	Hubless	GALV	1140	40200	EA	1
R42603	4	26	28	CW	—	Hubless	GALV	1140	40202	EA	1
R42606	4	26	38	CW	—	Hubless	GALV	1140	40203	EA	1
R42801	4	28	34	CW	5/8	Discharge	GALV	1140	40396	EA	1
R43002	4	30	22	CW	—	Hubless	GALV	1140	40205	EA	1
R43003	4	30	30	CW	5/8	Discharge	GALV	1140	40397	EA	1
R43004	4	30	30	CW	—	Hubless	GALV	1140	40206	EA	1
R43601	4	36	32	CW	—	Hubless	GALV	850	40208	EA	1
R43602	4	36	34	CW	—	Hubless	GALV	850	40209	EA	1
R43603	4	36	38	CW	—	Hubless	GALV	850	40211	EA	1
R44202	4	42	38	CW	—	Hubless	GALV	850	40213	EA	1
R44801	4	48	38	CW	—	Hubless	GALV	700	40216	EA	1

Fan should be guarded before operating.
Tighten cap screws securely before operating.

Swept Fans



R22405



R32017

Applications

Commercial and residential condensers

Features

Carrier Replacements
Up to 50% reduction in noise level
Rotation is determined by viewing the discharge side of fan
Made in USA

CATALOG NO.	NO. OF BLADES	DIAM. (IN.)	PITCH (°)	ROTATION	BORE (IN.)	HUB POSITION	UOM	OM
R22405	2	24	27	CW	1/2	Intake	EA	1
R22701	2	27	28	CCW	1/2	Intake	EA	1

CATALOG NO.	NO. OF BLADES	DIAM. (IN.)	PITCH (°)	ROTATION	BORE (IN.)	HUB POSITION	UOM	OM
R32017	3	20	34	CW	1/2	Intake	EA	1
R32607	3	26	24	CW	1/2	Intake	EA	1
R32610	3	26	28	CW	1/2	Intake	EA	1

Additional models available upon request

Visit DiversiTech.com for full offering.

FAN BLADES CONT'D

Propellers With Fixed Hub - 3-Blade



R31811

REVCOR REVOLUTIONARY AIR FLOW™

Applications

Unitary condensing units, heat pumps, unit heaters, ventilators and exhaust fans

Features

14" to 30" diameters
Embossed for added strength
Factory balanced
Steel spiders with 1/2" and 5/8" bores
Individually boxed
Aluminum fan blades unless otherwise specified
Made in USA

CATALOG NO.	DIAM. (IN.)	PITCH (°)	ROTA.	BORE (IN.)	HUB POSITION	DIRECT REPLACEMENT FOR
R31403	14	32	CW	1/2	Discharge	40328
R31404*	14	38	CW	1/2	Intake	LA01EW051
R31602	16	28	CW	1/2	Intake	40331
R31603	16	30	CW	1/2	Intake	40332
R31604	16	32	CCW	1/2	Intake	37L4801
R31781*	17.8	34	CCW	1/2	Intake	7010132314
R31801*	18	19	CW	1/2	Intake	667261C
R31804	18	26	CW	1/2	Discharge	40338
R31805	18	26	CCW	1/2	Intake	40339
R31809	18	27	CW	1/2	Discharge	40340
R31807*	18	27	CCW	1/2	Intake	68J2601
R31810*	18	27	CCW	1/2	Intake	100060-03
R31811	18	27	CW	1/2	Intake	LA01RA015
R31814*	18	30	CW	1/2	Intake	667262B
R31815*	18	31	CCW	1/2	Intake	B1086756
R31816	18	32	CCW	1/2	Intake	B1086771
R31817	18	32	CW	1/2	Intake	20391102
R31820	18	33	CW	1/2	Discharge	40343
R31821	18	35	CW	1/2	Intake	LA01EC018
R31901	19	30	CCW	1/2	Intake	D154229P01
R31902	19	32	CCW	1/2	Intake	D154229P02
R32001	20	23	CW	1/2	Discharge	F20233
R32003*	20	26	CW	1/2	Intake	6672790
R32004	20	26	CW	1/2	Intake	LA01RA320
R32008	20	28	CW	1/2	Intake	LA01RA321
R32009*	20	28	CCW	1/2	Intake	0150M00001P
R32010*	20	29	CCW	1/2	Intake	7010201106
R32014	20	31	CW	1/2	Discharge	L6130630001
R32201	22	19	CCW	1/2	Intake	B1086770
R32202*	22	20	CW	1/2	Intake	LA01RA027
R32203	22	20	CW	1/2	Intake	L6129570001

*Note - Galvanized Fan Blades

CATALOG NO.	DIAM. (IN.)	PITCH (°)	ROTA.	BORE (IN.)	HUB POSITION	DIRECT REPLACEMENT FOR
R32204	22	22	CCW	1/2	Intake	100060-18
R32207*	22	24	CW	1/2	Discharge	40352
R32205*	22	24	CW	1/2	Intake	L6130640001
R32206	22	24	CW	1/2	Intake	LA01EA038, 40353
R32208*	22	24	CW	1/2	Intake	LA01RA028B
R32209	22	24	CCW	1/2	Intake	B1086773
R32212	22	27	CW	1/2	Intake	100060-19
R32213	22	28	CW	1/2	Intake	LA01EA025
R32214	22	28	CW	1/2	Intake	40355
R32215*	22	28	CW	1/2	Intake	LA01RA038A
R32216	22	28	CCW	1/2	Intake	B1086775
R32221	22	33	CW	1/2	Intake	40356
R32401*	24	18	CW	1/2	Intake	LA01RA325
R32402*	24	19	CW	1/2	Intake	LA01RA312
R32403*	24	20	CW	1/2	Intake	667316A
R32404	24	22	CW	1/2	Intake	L6131430001
R32405	24	22	CCW	1/2	Intake	40323
R32406*	24	24	CW	1/2	Intake	LA01RA324
R32409*	24	26	CW	1/2	Intake	LA01RA323
R32410	24	30	CW	1/2	Intake	40359
R32601*	26	15	CW	1/2	Intake	LA01RA334
R32602	26	18	CW	1/2	Intake	LA01RA326
R32604	26	20	CCW	1/2	Intake	10625738
R32605*	26	21	CW	1/2	Intake	LA01RA327
R32606*	26	24	CW	1/2	Intake	LA01RA329
R32608	26	26	CW	1/2	Discharge	40362
R32609	26	27	CW	1/2	Intake	40363
R33001	30	30	CW	5/8	Discharge	—

Additional blade options available upon request

FAN BLADES CONT'D

Propellers With Fixed Hub - 2, 4 and 5-Blade



R21402



R41607



R51803

REVCOR
REVOLUTIONARY AIR FLOW™

Applications

Unitary condensing units, heat pumps, unit heaters, ventilators and exhaust fans

Features

14" to 30" diameters
Embossed for added strength
Factory balanced
Steel spiders
Individually boxed
Aluminum fan blades unless otherwise specified
Made in USA

CATALOG NO.	NO. OF BLADES	DIAM. (IN.)	PITCH (°)	ROTATION	BORE (IN.)	HUB POSITION	DIRECT REPLACEMENT FOR	UOM	OM
R21402	2	14	36	CW	1/2	Discharge	L60743401	EA	1
R21781*	2	17.8	31	CCW	1/2	Intake	7010132315	EA	1
R21801	2	18	20	CW	1/2	Intake	LA01EA026	EA	1
R21802	2	18	24	CW	1/2	Intake	40305	EA	1
R21803	2	18	29	CCW	1/2	Intake	40308	EA	1
R21804	2	18	29	CW	1/2	Intake	40307	EA	1
R21805	2	18	33	CCW	1/2	Intake	40408	EA	1
R22001	2	20	20	CW	1/2	Intake	LA01RA220	EA	1
R22002	2	20	24	CW	1/2	Intake	LA01RA221	EA	1
R22003	2	20	29	CCW	1/2	Intake	40315	EA	1
R22201*	2	22	22	CCW	1/2	Intake	40319	EA	1
R22202	2	22	27	CCW	1/2	Intake	F22272	EA	1
R22203*	2	22	29	CCW	1/2	Intake	40321	EA	1
R22204*	2	22	35	CCW	1/2	Intake	7010201107	EA	1
R22401*	2	24	16	CW	1/2	Intake	LA01RA222	EA	1
R22402*	2	24	18	CW	1/2	Intake	LA01RA225	EA	1
R22403	2	24	24	CCW	1/2	Intake	40324	EA	1
R22404	2	24	27	CCW	1/2	Intake	L60772801	EA	1
R22406*	2	24	31	CCW	1/2	Intake	70-102011-04	EA	1
R41607	4	16	33	CW	1/2	Discharge	40372	EA	1
R41805*	4	18	27	CCW	1/2	Intake	68J2701	EA	1
R41808	4	18	30	CW	1/2	Intake	40375	EA	1
R41811	4	18	33	CW	1/2	Discharge	40376	EA	1
R41812	4	18	34	CCW	1/2	Intake	68J2801	EA	1
R42009	4	20	33	CW	1/2	Intake	40378	EA	1
R42010	4	20	36	CW	1/2	Intake	40379	EA	1
R42201*	4	22	22	CCW	1/2	Intake	B1086764	EA	1
R42205	4	22	24	CW	1/2	Discharge	40380	EA	1
R42204	4	22	24	CCW	1/2	Intake	100060-13	EA	1
R42206	4	22	26	CW	1/2	Intake	40381	EA	1
R42209*	4	22	28	CCW	1/2	Intake	B1086765	EA	1
R42210	4	22	32	CCW	1/2	Intake	100060-10	EA	1
R42212	4	22	33	CCW	1/2	Intake	40382	EA	1
R42404	4	24	27	CCW	1/2	Discharge	F24278	EA	1
R42604	4	26	30	CW	5/8	Discharge	L6130720001	EA	1
R43001	4	30	22	CW	5/8	Intake	40392	EA	1
R51803	5	18	33	CW	1/2	Discharge	40404	EA	1

***Note - Galvanized Fan Blades** **Additional blade options available upon request**

FAN BLADES CONT'D

REVCOR Hubless Propellers - 3-Blade



R31802

REVCOR REVOLUTIONARY AIR FLOW™

Applications

Air conditioning condensing units, power roof ventilators, heat pumps, heat exchangers, unit heaters, commercial and industrial equipment

Features

10" to 24" diameter available
Embossed for added strength
Use with interchangeable hubs
Individually boxed
Aluminum fan blades
Steel spiders
Made in USA
Max motor speed for blades up to 16" is 1725 Rpm.
Max motor speed for blades 18" to 26" is 1140 Rpm.

CATALOG NO.	NO. OF BLADES	DIAMETER (IN.)	PITCH (°)	ROTATION	DIRECT REPLACEMENT FOR	UOM	OM
R31201	3	12	19	CW	40061	EA	1
R31202	3	12	27	CW	L6129790001	EA	1
R31401	3	14	23	CW	L60716501	EA	1
R31402	3	14	27	CW	L60716701	EA	1
R31601	3	16	23	CW	—	EA	1
R31802	3	18	23	CCW	L60556001	EA	1
R31803	3	18	23	CW	40041	EA	1
R31806	3	18	27	CCW	40044	EA	1
R31808	3	18	27	CW	40043	EA	1
R31812	3	18	30	CCW	18307	EA	1
R31813	3	18	30	CW	L60556301	EA	1
R31818	3	18	33	CCW	40046	EA	1
R31819	3	18	33	CW	40045	EA	1
R31266	3	12	22	CW	E410387001	EA	1
R31267	3	12	24	CW	E316580	EA	1
R31272	3	12	33	CW	335650	EA	1
R32002	3	20	24	CW	L6129830001	EA	1
R32005	3	20	27	CW	—	EA	1
R32006	3	20	28	CCW	L60556801	EA	1
R32007	3	20	28	CW	40049	EA	1
R32011	3	20	30	CW	40067	EA	1
R32012	3	20	31	CCW	L60557001	EA	1
R32015	3	20	33	CCW	40052	EA	1
R32016	3	20	33	CW	40051	EA	1
R32210	3	22	27	CCW	40054	EA	1
R32211	3	22	27	CW	40053	EA	1
R32217	3	22	30	CCW	40024	EA	1
R32218	3	22	30	CW	40069	EA	1
R32219	3	22	33	CCW	40056	EA	1
R32220	3	22	33	CW	40055	EA	1
R32407	3	24	26	CCW	40058	EA	1
R32408	3	24	26	CW	40057	EA	1
R32411	3	24	33	CW	—	EA	1
R42202	4	22	23	CCW	—	EA	1
R42203	4	22	23	CW	—	EA	1
R42207	4	22	27	CCW	—	EA	1
R42208	4	22	27	CW	—	EA	1

Additional blade options available upon request

FAN BLADES CONT'D

Hubless Propellers - 4 & 5-Blade

Applications

Air conditioning condensing units, power roof ventilators, heat pumps, heat exchangers, unit heaters, commercial and industrial equipment

Features

10" to 26" diameter

Steel spiders
Embossed for added strength
For motor speeds up to 1625 RPM
Use with interchangeable hubs
Individually boxed
Aluminum fan blades
Made in USA



R51801

REVCOR
REVOLUTIONARY AIR FLOW™

CATALOG NO.	NO. OF BLADES	DIAMETER (IN.)	PITCH (°)	ROTATION	DIRECT REPLACEMENT FOR	UOM	OM
R41001	4	10	27	CW	L60717701	EA	1
R41201	4	12	23	CCW	40077	EA	1
R41202	4	12	23	CW	40076	EA	1
R41203	4	12	27	CCW	40079	EA	1
R41204	4	12	27	CW	40078	EA	1
R41205	4	12	33	CW	40080	EA	1
R41401	4	14	23	CCW	L60718801	EA	1
R41403	4	14	23	CW	40082	EA	1
R41405	4	14	27	CCW	40085	EA	1
R41406	4	14	27	CW	40084	EA	1
R41407	4	14	33	CW	40086	EA	1
R41601	4	16	23	CCW	L60719401	EA	1
R41602	4	16	23	CW	40088	EA	1
R41603	4	16	27	CCW	40091	EA	1
R41604	4	16	27	CW	40090	EA	1
R41605	4	16	33	CCW	16338	EA	1
R41606	4	16	33	CW	40092	EA	1
R41801	4	18	19	CW	18194	EA	1
R41802	4	18	23	CCW	40095	EA	1
R41803	4	18	23	CW	L60800201	EA	1
R41804	4	18	27	CCW	40097	EA	1
R41806	4	18	27	CW	18274	EA	1
R41807	4	18	30	CCW	L60558401	EA	1
R41809	4	18	33	CCW	18338	EA	1
R41810	4	18	33	CW	18334	EA	1
R42001	4	20	23	CCW	L60800501	EA	1
R42002	4	20	23	CW	L60800401	EA	1
R42003	4	20	27	CCW	40103	EA	1
R42004	4	20	27	CW	40102	EA	1
R42005	4	20	29	CCW	L60559001	EA	1
R42006	4	20	29	CW	L60558901	EA	1
R42007	4	20	33	CCW	40105	EA	1
R42008	4	20	33	CW	40104	EA	1
R42202	4	22	23	CCW	40107	EA	1
R42203	4	22	23	CW	40106	EA	1
R42207	4	22	27	CCW	40109	EA	1
R42208	4	22	27	CW	40108	EA	1
R42211	4	22	33	CW	40110	EA	1
R42213	4	22	35	CW	40139	EA	1
R42401	4	24	23	CCW	40113	EA	1
R42402	4	24	23	CW	40112	EA	1
R42403	4	24	27	CCW	40115	EA	1
R42405	4	24	27	CW	40114	EA	1
R42406	4	24	33	CW	40116	EA	1
R42601	4	26	24	CW	L60760701	EA	1
R42602	4	26	27	CW	40118	EA	1
R42605	4	26	33	CW	L60761101	EA	1
R51601	5	16	27	CCW	40151	EA	1
R51602	5	16	33	CW	40402	EA	1
R51801	5	18	27	CCW	L60560601	EA	1
R51802	5	18	27	CW	L60560501	EA	1
R52201	5	22	33	CW	40164	EA	1
R52401	5	24	27	CW	L60561701	EA	1

Additional blade options available upon request

FAN BLADES CONT'D

3-Blade Propellers Heavy Duty Condenser Style



L60716301

Lau Industries, Inc.

Applications

Air conditioning condensing units
Power roof ventilators
Heat pumps
Heat exchangers
Roof top air conditioners
Commercial and industrial equipment
Unit heaters
Agricultural ventilating equipment
Walk-in refrigeration units
General cooling/heating applications

Features

3-blade configuration is normally used in low pressure applications
Square pressure-type blades are required for most condenser applications
High quality aluminum blades
Interchangeable hubs available from 1/4" through 3/4" bore, may be attached on either intake or discharge side
Pitches available for most common horsepower and motor speeds up to 1725 RPM in both CW and CCW rotations

CATALOG NO.	DIAMETER (IN.)	PITCH (°)	ROTATION	BORE (IN.)	HUB POSITION	UOM	OM
L60716301	12	23	CW	—	Interchangeable	EA	2
L60716501	14	23	CW	—	Interchangeable	EA	2
L60716601	14	23	CCW	—	Interchangeable	EA	2
L60716701	14	27	CW	—	Interchangeable	EA	2
L60716801	14	27	CCW	—	Interchangeable	EA	2
L60717101	16	23	CW	—	Interchangeable	EA	2
L60717201	16	23	CCW	—	Interchangeable	EA	2
L6129800001	16	27	CCW	—	Interchangeable	EA	2
L60556201	18	27	CCW	—	Interchangeable	EA	2
L60556301	18	30	CW	—	Interchangeable	EA	2
L60556401	18	30	CCW	—	Interchangeable	EA	2
L60556501	18	33	CW	—	Interchangeable	EA	2
L60556601	18	33	CCW	—	Interchangeable	EA	2
L60556701	20	27	CW	—	Interchangeable	EA	2
L60556801	20	27	CCW	—	Interchangeable	EA	2
L60556901	20	30	CW	—	Interchangeable	EA	2
L60557001	20	30	CCW	—	Interchangeable	EA	2
L60557101	20	33	CW	—	Interchangeable	EA	2
L60557201	20	33	CCW	—	Interchangeable	EA	2
L6130640001	22	24	CW	1/2	Intake	EA	2
L60557301	22	27	CW	—	Interchangeable	EA	2
L60557401	22	27	CCW	—	Interchangeable	EA	2
L60557501	22	33	CW	—	Interchangeable	EA	2
L60557601	22	33	CCW	—	Interchangeable	EA	2
L60557701	24	27	CW	—	Interchangeable	EA	2
L60557801	24	27	CCW	—	Interchangeable	EA	2
L60557901	24	33	CW	—	Interchangeable	EA	2
L60558001	24	33	CCW	—	Interchangeable	EA	2
L6129910001	26	33	CW	—	Interchangeable	EA	1
L6129930001	30	27	CW	—	Interchangeable	EA	1

FAN BLADES CONT'D

4-Blade Propellers Heavy Duty Condenser Style



L60717601

Lau Industries, Inc.

Applications

Condensing units, general building and agricultural ventilation fans

Features

High strength aluminum blades with corrosion resistant center spiders

CATALOG NO.	DIAM. (IN.)	PITCH (°)	ROTA.	BORE (IN.)	HUB POSITION	UOM	OM
L60717501	10	23	CW		Interchangeable	EA	2
L60717601	10	23	CCW		Interchangeable	EA	2
L60717701	10	27	CW		Interchangeable	EA	2
L60759901	10	33	CW		Interchangeable	EA	2
L60718101	12	23	CW		Interchangeable	EA	2
L60718301	12	27	CW		Interchangeable	EA	2
L60760101	12	33	CW		Interchangeable	EA	2
L60760201	12	33	CCW		Interchangeable	EA	2
L60718501	14	19	CW		Interchangeable	EA	2
L60718701	14	23	CW		Interchangeable	EA	2
L60718901	14	27	CW		Interchangeable	EA	2
L60719001	14	27	CCW		Interchangeable	EA	2
L60760301	14	33	CW		Interchangeable	EA	2
L60760401	14	33	CCW		Interchangeable	EA	2
L60719101	16	19	CW		Interchangeable	EA	2
L60719501	16	27	CW		Interchangeable	EA	2
L60760501	16	33	CW		Interchangeable	EA	2
L60760601	16	33	CCW		Interchangeable	EA	2
L60800201	18	23	CW		Interchangeable	EA	2
L60558101	18	27	CW		Interchangeable	EA	2
L60558201	18	27	CCW		Interchangeable	EA	2
L60558301	18	30	CW		Interchangeable	EA	2
L60558401	18	30	CCW		Interchangeable	EA	2
L60558501	18	33	CW		Interchangeable	EA	2
L60558601	18	33	CCW		Interchangeable	EA	2
L60800401	20	23	CW		Interchangeable	EA	2
L60800501	20	23	CCW		Interchangeable	EA	2
L60558701	20	27	CW		Interchangeable	EA	2
L60558801	20	27	CCW		Interchangeable	EA	2
L60558901	20	30	CW		Interchangeable	EA	2
L60559001	20	30	CCW		Interchangeable	EA	2
L60559101	20	33	CW		Interchangeable	EA	2
L60559201	20	33	CCW		Interchangeable	EA	2
L60804101	22	23	CW		Interchangeable	EA	2
L60804201	22	23	CCW		Interchangeable	EA	2
L60559301	22	27	CW		Interchangeable	EA	2
L60559401	22	27	CCW		Interchangeable	EA	2
L60559501	22	33	CW		Interchangeable	EA	2
L60559601	22	33	CCW		Interchangeable	EA	2
L6130190001	24	18	CW		Interchangeable	EA	2
L60804301	24	23	CW		Interchangeable	EA	2
L60804401	24	23	CCW		Interchangeable	EA	2
L60559701	24	27	CW		Interchangeable	EA	2
L60559801	24	27	CCW		Interchangeable	EA	2
L60559901	24	33	CW		Interchangeable	EA	2
L60560001	24	33	CCW		Interchangeable	EA	2
L60760701	26	24	CW		Interchangeable	EA	1
L60760801	26	24	CCW		Interchangeable	EA	1
L60760901	26	27	CW		Interchangeable	EA	1
L60761001	26	27	CCW		Interchangeable	EA	1
L60761101	26	33	CW		Interchangeable	EA	1
L60761201	26	33	CCW		Interchangeable	EA	1
L61017601	28	25	CW	5/8	Discharge	EA	1
L6131250001	30	27	CW		Interchangeable	EA	1
L6127290001	30	30	CW	5/8	Discharge	EA	1
L6131260001	30	33	CCW		Interchangeable	EA	1
L6131270001	30	33	CW		Interchangeable	EA	1

FAN BLADES CONT'D

2-Blade Propellers OEM Style With Fixed Hub



L60772501

Applications

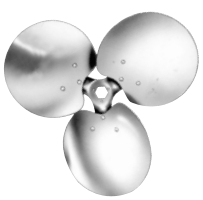
For lower static pressure condensing units. Replacements for G.E., Rheem-Rudd, Singer-Climate Control, Trane, etc.

Features

14" to 24" diameter
High strength aluminum blades
Each blade clearly labeled as to Pitch, Diam., Rotation, & Max. RPM
Top quality, epoxy painted spiders with high salt spray characteristics
Steel fixed hub - 1/2" bore - exact propellers as supplied to OEMs

CATALOG NO.	DIAMETER (IN.)	PITCH (°)	ROTATION	BORE (IN.)	HUB POSITION	UOM	OM
L6130470001	14	32	CW	1/2	Discharge	EA	2
L60772501	18	28	CCW	1/2	Intake	EA	2
L6130510001	18	29	CW	1/2	Intake	EA	2
L60652101	18	32	CCW	1/2	Intake	EA	2
L6130520001	18	36	CW	1/2	Intake	EA	2
L60772601	20	28	CCW	1/2	Intake	EA	2
L60772701	22	16	CCW	1/2	Intake	EA	2
L60814201	22	27	CCW	1/2	Intake	EA	2
L6130580001	24	24	CCW	1/2	Intake	EA	2
L60772801	24	27	CCW	1/2	Intake	EA	2

3-Blade and 4-Blade Propellers Free Air Style



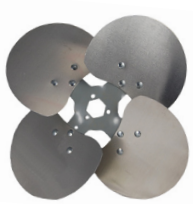
L60265801

Applications

Pedestal and window fans, air circulators

Features

Designed for free air, low pressure applications
High quality, rounded aluminum blades for maximum free air delivery with minimum noise levels
Pitches available for most common HP and motor speeds
Hubs attached on either the intake or discharge side



L60262201

CATALOG NO.	NO. OF BLADES	DIAM. (IN.)	PITCH (°)	ROTATION	HUB POSITION	UOM	OM
L60265801	3	14	23	CW	Interchangeable	EA	2
L60266201	3	16	23	CW	Interchangeable	EA	2
L60267001	3	20	23	CW	Interchangeable	EA	2
L60267101	3	20	23	CCW	Interchangeable	EA	2
L60267601	3	24	18	CW	Interchangeable	EA	2
L60262201	4	12	23	CW	Interchangeable	EA	2
L60555401	4	18	23	CCW	Interchangeable	EA	2
L60263801	4	20	23	CW	Interchangeable	EA	2
L60562501	4	24	27	CW	Interchangeable	EA	2

FAN BLADES CONT'D

5-Blade Propellers Heavy Duty Condenser Style



L60720501

Applications

Industrial air circulators, exhaust fan units and large condensing units

Features

High quality aluminum blades with corrosion resistant center spiders

CATALOG NO.	DIAMETER (IN.)	PITCH (°)	ROTATION	HUB POSITION	UOM	OM
L60720501	12	23	CW	Interchangeable	EA	2
L60721401	14	27	CCW	Interchangeable	EA	2
L60560301	16	33	CW	Interchangeable	EA	2
L60560401	16	33	CCW	Interchangeable	EA	2
L60561701	24	27	CW	Interchangeable	EA	2
L60561801	24	27	CCW	Interchangeable	EA	2
L60561901	24	33	CW	Interchangeable	EA	2
L60761301	26	27	CW	Interchangeable	EA	1
L6130420001	30	29	CCW	Interchangeable	EA	1

Hubs With Set Screws and Mounting Screws



H60765801

CATALOG NO.	BORE (IN.)	NO. OF SET SCREWS	UOM	OM
H60765801	1/4	1	EA	1
H60765802	5/16	1	EA	1
H60765803	3/8	1	EA	1
H60765804	1/2	2	EA	1
H60765805	5/8	2	EA	1
H60765806	3/4	2	EA	1

Shafts

Features

1018 Cold Rolled Steel
Ground & Polished



S38220501

CATALOG NO.	DIAM. (IN.)	LENGTH (IN.)	UOM	OM
S38220501	5/8	20	EA	1
S38209601	3/4	20	EA	1
S38269301	3/4	35	EA	1
S38209501	1	25	EA	1
S38249201	1	35	EA	1

FAN BLADES CONT'D

Small Aluminum Fan Blades With Hubs

Features

Hub Location is Intake



A95131

Packard

CATALOG NO.	DIAM. (IN.)	BLADES	BORE (IN.)	PITCH (°)	ROTA.	UOM	OM
A61948	2	10	3/16	12	CW	EA	1
A61949	2-1/2	10	3/16	20	CW	EA	1
A61950	3	10	3/16	24	CW	EA	1
A61954	3	10	1/4	30	CW	EA	1
A61003	3-1/4	12	5/16	90	CW	EA	1
A61951	3-1/2	10	3/16	27	CW	EA	1
A61955	3-1/2	10	1/4	40	CW	EA	1
A61952	4	10	3/16	28	CW	EA	1
A61956	4	10	1/4	30	CW	EA	1
A61465	4-1/2	10	3/16	30	CW	EA	1
A61467	5	10	3/16	35	CW	EA	1
A61473	5-1/2	4	1/4	19	CW	EA	1
A61474	5-1/2	4	3/16	19	CW	EA	1
A64550	5-1/2	4	3/16	19	CW	EA	1
A64455	5-1/2	4	3/16	24	CCW	EA	1
A65503	5-1/2	5	5/16	27	CW	EA	1
A65504	5-1/2	5	1/4	27	CW	EA	1
A65513	5-1/2	5	5/16	27	CCW	EA	1
A65515	5-1/2	5	1/4	27	CCW	EA	1
A61469	6	4	3/16	19	CW	EA	1
A61470	6	4	1/4	19	CW	EA	1
A60604	6	5	1/4	27	CW	EA	1
A60614	6	5	1/4	27	CCW	EA	1
A65632	6	5	5/16	27	CW	EA	1
A65633	6	5	5/16	27	CCW	EA	1
A65125	6	4	1/4	19	CW	EA	1
A65131	6	5	5/16	30	CW	EA	1
A65225*	6	5	1/4	30	CCW	EA	1
A65231*	6	5	5/16	30	CCW	EA	1
A61471	6-1/2	4	3/16	19	CW	EA	1
A64650	6-1/2	4	1/4	19	CW	EA	1
A66504	6-1/2	5	1/4	27	CW	EA	1
A82694FB	6-3/4	5	1/4	26	CCW	EA	1
A63473	7	5	1/4	21	CW	EA	1
A60704	7	5	1/4	27	CW	EA	1
A60714	7	5	1/4	27	CCW	EA	1
A65732	7	5	5/16	27	CW	EA	1
A75131	7	5	5/16	40	CW	EA	1
A75225*	7	5	1/4	40	CCW	EA	1
A75231*	7	5	5/16	40	CCW	EA	1

*Hub Location = Discharge

CATALOG NO.	DIAM. (IN.)	BLADES	BORE (IN.)	PITCH (°)	ROTA.	UOM	OM
A63475	8	5	1/4	23	CW	EA	1
A63841*	8	5	1/4	24	CW	EA	1
A65825	8	5	1/4	27	CW	EA	1
A65826	8	5	1/4	27	CCW	EA	1
A65832	8	5	5/16	27	CW	EA	1
A65833	8	5	5/16	27	CCW	EA	1
A85131	8	5	5/16	30	CW	EA	1
A60804	8	5	1/4	36	CW	EA	1
A60805	8	5	5/16	36	CW	EA	1
A60814	8	5	1/4	36	CCW	EA	1
A60815	8	5	5/16	36	CCW	EA	1
A85225*	8	5	1/4	40	CCW	EA	1
A85231*	8	5	5/16	40	CCW	EA	1
A63477	9	5	1/4	25	CW	EA	1
A65925	9	5	1/4	26	CW	EA	1
A65926	9	5	1/4	26	CCW	EA	1
A65932	9	5	5/16	26	CW	EA	1
A65933	9	5	5/16	26	CCW	EA	1
A95131	9	5	5/16	30	CW	EA	1
A95225*	9	5	1/4	30	CCW	EA	1
A95231*	9	5	5/16	30	CCW	EA	1
A65105	10	5	1/4	20	CCW	EA	1
A65104	10	5	1/4	20	CW	EA	1
A65133	10	5	5/16	20	CCW	EA	1
A65132	10	5	5/16	20	CW	EA	1
A63479	10	5	1/4	28	CW	EA	1
A15225*	10	5	1/4	30	CCW	EA	1
A61322	10	5	5/16	30	CCW	EA	1
A61323*	10	5	5/16	30	CCW	EA	1
A61312	10	5	5/16	30	CW	EA	1
A61015	10	5	5/16	40	CCW	EA	1
A61005	10	5	5/16	40	CW	EA	1
A65123*	12	5	5/16	23	CW	EA	1
A61215	12	5	5/16	24	CCW	EA	1
A61216*	12	5	5/16	24	CCW	EA	1
A61205	12	5	5/16	24	CW	EA	1
FB99100*	12	5	1/2	33	CW	EA	1
A61405	14	5	5/16	19	CW	EA	1
A65145	14	5	1/2	32	CW	EA	1

FAN BLADES CONT'D

Small Aluminum Fan Blades - Hubless



A85150

Packard

CATALOG NO.	DIAM. (IN.)	BLADES	PITCH (°)	ROTATION	UOM	OM
A61101	6	5	21	CW	EA	1
A61102	6	5	21	CCW	EA	1
A63607	6	5	30	CW	EA	1
A63617	6	5	30	CCW	EA	1
A61608	6-3/4	5	21	CW	EA	1
A67513	6-3/4	5	30	CW	EA	1
A63474	7	5	21	CW	EA	1
A61103	7	5	25	CW	EA	1
A61104	7	5	25	CCW	EA	1
A63707	7	5	31	CW	EA	1
A63717	7	5	31	CCW	EA	1
A75221	7	5	40	CCW	EA	1
A63100	7-3/4	5	22	CW	EA	1
A65751	7-3/4	5	22	CCW	EA	1
A77551	7-3/4	5	40	CW	EA	1
A77552	7-3/4	5	40	CCW	EA	1
A63806	8	5	22	CW	EA	1
A63816	8	5	22	CCW	EA	1
A63476	8	5	30	CW	EA	1
A63817	8	5	30	CCW	EA	1
A61831	8	5	31	CW	EA	1
A61835	8	5	35	CW	EA	1
A61837	8	5	37	CCW	EA	1
A85223	8	5	40	CCW	EA	1
A85150	8	6	50	CW	EA	1
A61807	8-3/4	5	30	CW	EA	1
A61817	8-3/4	5	30	CCW	EA	1
A87523	8-3/4	5	30	CCW	EA	1
A63906	9	5	25	CW	EA	1
A63916	9	5	25	CCW	EA	1
A63917	9	5	30	CCW	EA	1
A63907	9	5	31	CW	EA	1
A63116	10	5	25	CCW	EA	1
A63126	10	5	25	CW	EA	1
A61480	10	5	28	CW	EA	1
A61108	10	5	30	CW	EA	1
A61481	10	5	30	CCW	EA	1
A63117	10	5	30	CCW	EA	1

Additional blades available upon request.

Plastic Fan Blades



A61718

Packard

CATALOG NO.	DIAM. (IN.)	BLADES	ROTATION	BORE (IN.)	UOM	OM
A61299	2-1/2	4	CW	3/16	EA	1
A61300	3	4	CW	1/8	EA	1
A61301	3	4	CW	3/16	EA	1
A65569FB	3-5/16	n/a	CCW	5/16	EA	1
A61302	3-1/2	4	CCW	3/16	EA	1
A61353	4	4	CCW	Hub	EA	1
A61406	4	4	CW	1/8	EA	1
A61408	4	4	CW	3/16	EA	1
A61401	4	5	CW	1/8	EA	1
A61402	4	5	CW	3/16	EA	1
A61403	4	5	CCW	1/8	EA	1
A61404	4	5	CCW	3/16	EA	1
A61501	5	5	CW	3/16	EA	1
A61502	5	5	CW	1/4	EA	1
A61503	5	5	CW	5/16	EA	1
A61504	5	5	CCW	3/16	EA	1
A61505	5	5	CCW	1/4	EA	1
A61506	5	5	CCW	5/16	EA	1
A61550	5-1/2	4	CCW	3/16	EA	1
A61551	5-1/2	4	CW	3/16	EA	1
A61455	5-9/16	5	CCW	3/16	EA	1
A61602	6	4	CW	1/4	EA	1
A61603	6	4	CW	5/16	EA	1
A61604	6	4	CCW	3/16	EA	1
A61605	6	4	CCW	1/4	EA	1
A61606	6	4	CCW	5/16	EA	1
A61601	6	6	CW	3/16	EA	1
A61650	6-1/2	5	CW	3/16	EA	1
A61651	6-1/2	5	CW	1/4	EA	1
A61652	6-1/2	5	CW	5/16	EA	1
A61660*	6-5/8	5	CW	7/32	EA	1
A61665*	6-5/8	5	CW	7/32	EA	1
A61701	7	5	CW	1/4	EA	1
A61703	7	5	CCW	1/4	EA	1
A61718	7	5	CW	Hub	EA	1
A61801	8	5	CW	1/4	EA	1
A61802	8	5	CW	5/16	EA	1

***D-Style Bore**

Visit DiversiTech.com for full offering.

BLOWER WHEELS

Universal Single Inlet Blower Wheels



RBW30112

REVCOR
REVOLUTIONARY AIRFLOW

Applications

Draft inducers, power venting, small appliances, heating, ventilation, air conditioning, convectors, appliances, kitchen and bath exhaust

Features

5-1/4" to 12-5/8" diameters
Embossed backs for added strength
Factory balanced
Individually boxed
Made in USA
Additional blower wheels available upon request

CATALOG NO.	DIA. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MATERIAL	HUB LOCATION	LOCK TYPE	DIRECT REPLACEMENT FOR	UOM	OM
RBW30101	3	1-7/8	CW	5/16	Alum. Steel	Inside	Strip Wheels	—	EA	1
RBW30102	3	1-7/8	CCW	5/16	Alum. Steel	Inside	Strip Wheels	—	EA	1
RBW30106	3-13/16	1-1/2	CW	5/16	Alum. Steel	Inside	Strip Wheels	—	EA	1
RBW30107	3-13/16	1-1/2	CCW	5/16	Alum. Steel	Inside	Strip Wheels	—	EA	1
RBW30109	3-13/16	1-7/8	CW	5/16	Galvanized	Inside	Strip Wheels	40556	EA	1
RBW30110	3-13/16	1-7/8	CCW	5/16	Galvanized	Inside	Strip Wheels	40557	EA	1
RBW30111	3-13/16	2-1/16	CW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW30112	3-13/16	2-1/16	CCW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW30115	3-13/16	2-1/4	CW	5/16	Alum. Steel	Inside	Tab Lock	—	EA	1
RBW30117	3-13/16	2-1/2	CW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW30118	3-13/16	2-1/2	CCW	5/16	Galvanized	Inside	Strip Wheels	40559	EA	1
RBW40101*	4	1-1/2	CCW	5/16	Alum. Steel	Inside	Tab Lock	40564	EA	1
RBW40102*	4	2-1/2	CCW	1/4	Galvanized	Inside	Tab Lock	40563, 40601	EA	1
RBW40103	4-1/4	2-1/2	CW	3/8	Alum. Steel	Inside	Strip Wheels	—	EA	1
RBW40104	4-1/4	2-1/2	CCW	3/8	Alum. Steel	Inside	Strip Wheels	—	EA	1
RBW40105	4-1/4	2-15/16	CCW	1/4	Galvanized	Inside	Strip Wheels	40565	EA	1
RBW40106	4-1/4	2-15/16	CW	1/4	Galvanized	Inside	Strip Wheels	—	EA	1
RBW40107	4-1/4	2-15/16	CCW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW40108	4-1/4	2-15/16	CW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW40114	4-3/4	2-1/2	CCW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW40115	4-3/4	2-1/2	CW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW40117	4-3/4	2-15/16	CCW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW40122	4-3/4	3-7/16	CW	1/2	Galvanized	Inside	Strip Wheels	40605, 40606	EA	1
RBW40123	4-13/16	1-1/8	CW	5/16	Galvanized	Inside	Tab Lock	—	EA	1
RBW40124	4-13/16	1-1/8	CCW	5/16	Galvanized	Inside	Tab Lock	—	EA	1
RBW50100	5-1/16	2-1/2	CW	1/2	Galvanized	Inside	Tab Lock	—	EA	1

*1/2" Deep conic back plate

BLOWER WHEELS CONT'D

Universal Single Inlet Blower Wheels (cont.)



RBW50119

REVCOR
REVOLUTIONARY AIRFLOW

Applications

Draft inducers, power venting, small appliances, heating, ventilation, air conditioning, convectors, appliances, kitchen and bath exhaust

Features

5-1/4" to 12-5/8" diameters
Embossed backs for added strength
Factory balanced
Individually boxed
Made in USA
Additional blower wheels available upon request

CATALOG NO.	DIA. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MATERIAL	HUB LOCATION	LOCK TYPE	DIRECT REPLACEMENT FOR	UOM	OM
RBW50106	5-1/4	2-1/2	CCW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50107	5-1/4	2-1/2	CW	5/16	Galvanized	Inside	Strip Wheels	40609	EA	1
RBW50108	5-1/4	2-1/2	CCW	5/16	Galvanized	Inside	Strip Wheels	40608	EA	1
RBW50109	5-1/4	2-15/16	CW	5/16	Galvanized	Inside	Strip Wheels	40611	EA	1
RBW50110	5-1/4	2-15/16	CCW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50111	5-1/4	2-15/16	CW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50112	5-1/4	2-15/16	CCW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50113	5-1/4	3-7/16	CW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50114	5-1/4	3-7/16	CCW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50115	5-1/4	3-7/16	CW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50116	5-1/4	3-7/16	CCW	1/2	Galvanized	Inside	Strip Wheels	40607	EA	1
RBW50117	5-1/2	1	CW	5/16	Galvanized	Inside	Tab Lock	—	EA	1
RBW50119	5-3/4	1-1/2	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW50124	5-3/4	2-1/2	CCW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50125	5-3/4	2-1/2	CW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50128	5-3/4	2-15/16	CW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50129	5-3/4	2-15/16	CCW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50130	5-3/4	3	CW	5/16	Galvanized	Inside	Tab Lock	—	EA	1
RBW50131	5-3/4	3	CCW	5/16	Galvanized	Inside	Tab Lock	—	EA	1
RBW50133	5-3/4	3-7/16	CCW	3/8	Galv. Ring and Back / Alum. Blades	Inside	Strip Wheels	—	EA	1
RBW50136	5-3/4	3-13/16	CW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW50140	5-3/4	4	CCW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW60100	6-5/16	1-1/2	CW	5/16	Aluminum	Inside	Tab Lock	—	EA	1
RBW60104	6-5/16	2-1/2	CW	1/2	Galvanized	Inside	Tab Lock	40619	EA	1
RBW60105	6-5/16	2-1/2	CCW	1/2	Galvanized	Inside	Tab Lock	40620	EA	1

BLOWER WHEELS CONT'D

Universal Single Inlet Blower Wheels (cont.)



RBW60112

REVCOR
REVOLUTIONARY AIRFLOW

Applications

Draft inducers, power venting, small appliances, heating, ventilation, air conditioning, convectors, appliances, kitchen and bath exhaust

Features

5-1/4" to 12-5/8" diameters
Embossed backs for added strength
Factory balanced
Individually boxed
Made in USA
Additional blower wheels available upon request

CATALOG NO.	DIA. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MATERIAL	HUB LOCATION	LOCK TYPE	DIRECT REPLACEMENT FOR	UOM	OM
RBW60109	6-5/16	2-15/16	CW	5/16	Galvanized	Inside	Strip Wheels	—	EA	1
RBW60110	6-5/16	3	CW	1/2	Galvanized	Inside	Tab Lock	40623	EA	1
RBW60111	6-5/16	3	CCW	1/2	Galvanized	Inside	Tab Lock	40624	EA	1
RBW60112	6-5/16	3-1/4	CW	5/8	Alum. Steel	Inside	Tab Lock	—	EA	1
RBW60113	6-5/16	3-1/4	CCW	5/8	Alum. Steel	Inside	Tab Lock	—	EA	1
RBW60114	6-5/16	3-7/16	CW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW60115	6-5/16	3-7/16	CCW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW60118	6-5/16	4	CW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW60119	6-5/16	4	CCW	1/2	Galvanized	Inside	Strip Wheels	—	EA	1
RBW70102	7-1/8	1-7/8	CCW	1/2	Galvanized	Inside	Tab Lock	41204	EA	1
RBW70103	7-1/8	1-7/8	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW70104	7-1/8	1-7/8	CW	5/16	Galvanized	Inside	Tab Lock	—	EA	1
RBW70105	7-1/8	2	CCW	5/16	Galvanized	Inside	Tab Lock	—	EA	1
RBW70106	7-1/8	2-1/2	CW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW70108	7-1/8	4	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW70109	7-1/8	4	CW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW70117	7-7/16	3-1/4	CW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW70118	7-7/16	3-1/4	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW80105	8	2	CW	3/8	Alum. Steel	Inside	Tab Lock	—	EA	1
RBW80108	8	2-3/8	CCW	1/2	Galvanized	Inside	Tab Lock	41205	EA	1
RBW80110	8	2-1/2	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1

BLOWER WHEELS CONT'D

Universal Single Inlet Blower Wheels (cont.)



RBW90126

REVCOR
REVOLUTIONARY AIRFLOW

Applications

Draft inducers, power venting, small appliances, heating, ventilation, air conditioning, convectors, appliances, kitchen and bath exhaust

Features

5-1/4" to 12-5/8" diameters
Embossed backs for added strength
Factory balanced
Individually boxed
Made in USA
Additional blower wheels available upon request

CATALOG NO.	DIA. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MATERIAL	HUB LOCATION	LOCK TYPE	DIRECT REPLACEMENT FOR	UOM	OM
RBW80111	8	4	CCW	1/2	Aluminum	Inside	Tab Lock	—	EA	1
RBW80112	8	4	CW	1/2	Aluminum	Inside	Tab Lock	—	EA	1
RBW80116	8-1/2	2	CCW	5/8	Alum. Steel	Inside	Tab Lock	41212	EA	1
RBW80120	8-1/2	3-3/4	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW80123	8-1/2	4-1/4	CW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW80124	8-1/2	4-1/4	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW90108	9-1/8	4-1/4	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW90109	9-1/8	4-1/2	CW	5/8	Aluminum	Inside	Tab Lock	—	EA	1
RBW90110	9-1/8	4-1/2	CCW	5/8	Aluminum	Inside	Tab Lock	—	EA	1
RBW90114	9-7/8	1-1/2	CCW	5/8	Alum. Steel	Inside	Tab Lock	41241	EA	1
RBW90126	9-7/8	2-1/8	CCW	1/2	Galvanized	Inside	Tab Lock	41242	EA	1
RBW90131	9-7/8	6	CW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW10100	10-3/4	1-3/8	CCW	5/8	Galvanized	Inside	Tab Lock	—	EA	1
RBW10103	10-3/4	4	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW10104	10-3/4	4	CW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW10106	10-3/4	5	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW10107	10-3/4	6	CW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW10108	10-3/4	6	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW12100	12-5/8	5	CW	1/2	Galvanized	Inside	Tab Lock	—	EA	1
RBW12101	12-5/8	5	CCW	1/2	Galvanized	Inside	Tab Lock	—	EA	1

BLOWER WHEELS CONT'D

Universal Double Inlet Blower Wheels



RBW50207

REVCOR
REVOLUTIONARY AIRFLOW

Applications

Power venting, small appliances, heating, ventilation, air conditioning, PTAC, fan coils, and mini split systems

Features

- 4-3/4" to 12-5/8" diameters
- Embossed backs for added strength
- Factory balanced
- Variety of materials available
- Individually boxed
- Made in USA
- Additional blower wheels available upon request

CATALOG NO.	DIAM. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MATERIAL	HUB LOCATION	TYPE	DIRECT REPLACEMENT FOR	UOM	OM
RBW50200	5-1/4	6-7/8	CW	1/2	Aluminum	Center	Strip Wheels	41134	EA	1
RBW50202	5-1/4	6-7/8	CW	1/2	Galvanized	Center	Strip Wheels	41107	EA	1
RBW50203	5-1/4	6	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW50204	5-1/4	6-3/4	CCW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW50205	5-1/4	8	CCW	1/2	Galvanized	Center	Strip Wheels	—	EA	1
RBW50206	5-1/2	5	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW50207	5-1/2	6-1/2	CCW	1/2	Galvanized	Center	Tab Lock	41110	EA	1
RBW50209	5-3/4	5-7/8	CW	1/2	Galvanized	Center	Strip Wheels	41112	EA	1
RBW50215	5-3/4	6	CCW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW50216	5-3/4	6-1/2	CCW	1/2	Aluminum	Center	Tab Lock	—	EA	1
RBW50210	5-3/4	6-7/8	CW	1/2	Galvanized	Center	Strip Wheels	41113	EA	1
RBW50218	5-3/4	7-1/4	CCW	3/8	Aluminum	Center	Tab Lock	—	EA	1
RBW50211	5-3/4	7-5/8	CCW	1/2	Galvanized	Center	Strip Wheels	41115	EA	1
RBW50212	5-3/4	7-5/8	CW	1/2	Galvanized	Center	Strip Wheels	41114	EA	1
RBW50214	5-3/4	8	CW	1/2	Galvanized	Center	Strip Wheels	41116	EA	1
RBW50219	5-3/4	8	CCW	1/2	Galvanized	Center	Strip Wheels	41117	EA	1
RBW60200	6-1/8	7-1/4	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW60204	6-5/16	4	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW60205	6-5/16	5	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW60206	6-5/16	5-7/16	CW	1/2	Galvanized	Off Center	Strip Wheels	—	EA	1
RBW60208	6-5/16	6-3/8	CW	1-1/4	Aluminum	Center	Tab Lock	—	EA	1
RBW60201	6-5/16	6-7/8	CW	1/2	Galvanized	Center	Strip Wheels	41123	EA	1
RBW60209	6-5/16	6-7/8	CCW	1/2	Galvanized	Center	Strip Wheels	—	EA	1
RBW60210	6-5/16	7	CCW	1/2	Galvanized	Center	Tab Lock	41127	EA	1
RBW60211	6-5/16	7	CW	1/2	Galvanized	Center	Tab Lock	41126	EA	1
RBW60212	6-5/16	7-1/2	CCW	1/2	Aluminum	Center	Tab Lock	—	EA	1
RBW60202	6-5/16	7-5/8	CCW	1/2	Aluminum	Center	Strip Wheels	41124	EA	1
RBW60213	6-5/16	7-5/8	CW	1/2	Galvanized	Center	Tab Lock	41130	EA	1
RBW60203	6-5/16	8	CW	1/2	Galvanized	Center	Strip Wheels	41125	EA	1
RBW60215	6-5/16	8-1/8	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW60216	6-5/16	8-1/8	CCW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW60218	6-3/4	7-1/4	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW60219	6-3/4	8-1/4	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW70203	7-7/16	7	CCW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW70204	7-7/16	9	CW	1/2	Galvanized	Center	Tab Lock	41132	EA	1
RBW70205	7-5/8	5-3/8	CCW	3/8	Galvanized	Center	Tab Lock	—	EA	1
RBW70206	7-5/8	7	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1
RBW80200*	8-1/2	7	CW	1/2	Galvanized	Center	Tab Lock	—	EA	1

BLOWER WHEELS CONT'D

Circulation Double Inlet Blower Wheels



RBW90203

REVCOR
REVOLUTIONARY AIRFLOW

Applications

Furnaces, ventilation, air conditioning, mini split systems, evaporative coolers, commercial A/C, and fan coils

Features

9-1/2" to 12-5/8" diameters
Embossed backs for added strength
Factory balanced
Individually boxed
Made in USA
Additional blower wheels available upon request

CATALOG NO.	DIAM. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MATERIAL	HUB LOCATION	BACK PLATE	DIRECT REPLACEMENT FOR	UOM	OM
RBW90202	9-1/2	6-1/16	CW	1/2	Galvanized	Center	Convex	41303	EA	1
RBW90203	9-1/2	7-1/8	CCW	1/2	Galvanized	Center	Convex	41306	EA	1
RBW90204	9-1/2	7-1/8	CW	1/2	Galvanized	Center	Convex	41307	EA	1
RBW90205	9-1/2	8-1/16	CCW	1/2	Galvanized	Center	Convex	41310	EA	1
RBW90206	9-1/2	8-1/16	CW	1/2	Galvanized	Center	Convex	41311	EA	1
RBW90207	9-1/2	9-1/2	CW	1/2	Galvanized	Center	Concave	41312	EA	1
RBW90209	9-7/8	7	CCW	1/2	Galvanized	Center	Convex	—	EA	1
RBW90210	9-7/8	9-1/4	CCW	1/2	Galvanized	Center	Convex	—	EA	1
RBW90211	9-7/8	10-1/2	CCW	1/2	Galvanized	Center	Convex	—	EA	1
RBW10201	10-5/8	4-1/2	CW	1/2	Galvanized	Center	Convex	41314	EA	1
RBW10202	10-5/8	6-1/16	CCW	1/2	Galvanized	Center	Convex	41317	EA	1
RBW10203	10-3/4	6-1/16	CW	1/2	Galvanized	Center	Convex	41318	EA	1
RBW10205	10-5/8	7-1/8	CW	1/2	Galvanized	Center	Convex	41323	EA	1
RBW10206	10-5/8	7-1/8	CCW	1/2	Galvanized	Center	Convex	41362	EA	1
RBW10207	10-5/8	8-1/16	CCW	1/2	Galvanized	Center	Convex	41326	EA	1
RBW10208	10-5/8	8-1/16	CW	1/2	Galvanized	Center	Concave	41327	EA	1
RBW10209	10-5/8	9-1/2	CCW	1/2	Galvanized	Center	Concave	41328	EA	1
RBW10210	10-5/8	9-1/2	CW	1/2	Galvanized	Center	Concave	41329	EA	1
RBW10211	10-3/4	9-5/8	CW	1/2	Galvanized	Center	Convex	41331	EA	1
RBW10212	10-5/8	10-11/16	CCW	1/2	Galvanized	Center	Concave	41332	EA	1
RBW10213	10-5/8	10-11/16	CW	1/2	Galvanized	Center	Concave	41333	EA	1
RBW10215	10-3/4	10-1/2	CW	1/2	Galvanized	Center	Convex	41335	EA	1
RBW11200	11-15/16	6-1/6	CW	1/2	Galvanized	Center	Convex	41339	EA	1
RBW11201	11-15/16	7-1/8	CW	1/2	Galvanized	Center	Convex	41341	EA	1
RBW11202	11-15/16	8-1/16	CW	1/2	Galvanized	Center	Convex	41345	EA	1
RBW11203	11-15/16	8-1/16	CW	1/2	Galvanized	Center	Concave	41343	EA	1
RBW11204	11-15/16	8-1/16	CCW	1/2	Galvanized	Center	Convex	41344	EA	1
RBW11205	11-15/16	9-1/2	CCW	1/2	Galvanized	Center	Convex	41348	EA	1
RBW11206	11-15/16	9-1/2	CW	1/2	Galvanized	Center	Convex	41349	EA	1
RBW11207	11-15/16	10-11/16	CCW	1/2	Galvanized	Center	Concave	41350	EA	1
RBW11208	11-15/16	10-11/16	CW	1/2	Galvanized	Center	Concave	41351	EA	1
RBW12201	12-7/8	9-1/2	CW	1/2	Galvanized	Center	Convex	41363	EA	1
RBW12202	12-7/8	12-5/8	CW	1/2	Galvanized	Center	Concave	41355	EA	1
RBW12203	12-7/8	12-5/8	CW	5/8	Galvanized	Center	Concave	41356	EA	1

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

BLOWER WHEELS CONT'D

Double Inlet Blower Wheels

Features

Universal replacement wheels for direct drive blowers
Galvanized, cold rolled steel
Recommended for application temperatures that do not exceed 135˚F (60˚C)



L01333602

Lau Industries, Inc.

				DIMENSIONS (IN.)						
CATALOG NO.	BORE	ROTATION	CENTER DISC	D	W	X	U	Z	UOM	OM
L01333602	1/2	CW	Convex	9-1/2	7-1/8	7-11/16	1-1/4	1-25/32	EA	1
L01333603	1/2	CCW	Convex	9-1/2	7-1/8	7-11/16	1-1/4	1-25/32	EA	1
L01333701	1/2	CW	Convex	9-1/2	8	7-11/16	1-1/4	1-25/32	EA	1
L01333703	1/2	CCW	Convex	9-1/2	8	7-11/16	1-1/4	1-25/32	EA	1
L01333201	1/2	CW	Concave	9-1/2	9-1/2	7-11/16	1-1/4	7/32	EA	1
L01333203	1/2	CCW	Concave	9-1/2	9-1/2	7-11/16	1-1/4	7/32	EA	1
L01332701	1/2	CW	Convex	10-5/8	4-1/2	8-7/8	1-1/4	1-15/16	EA	1
L01332601	1/2	CW	Convex	10-5/8	6	8-7/8	1-1/4	1-15/16	EA	1
L01332602	1/2	CCW	Convex	10-5/8	6	8-7/8	1-1/4	1-15/16	EA	1
L01332501	1/2	CW	Convex	10-5/8	7-1/8	8-7/8	1-1/4	1-15/16	EA	1
L02710204	1/2	CCW	Convex	10-5/8	7-1/8	8-7/8	1-1/4	1-15/16	EA	1
L01332401	1/2	CW	Convex	10-5/8	8	8-7/8	1-1/4	1-15/16	EA	1
L01332402	1/2	CCW	Convex	10-5/8	8	8-7/8	1-1/4	1-15/16	EA	1
L01331701	1/2	CW	Concave	10-5/8	9-1/2	8-7/8	1-1/4	1/16	EA	1
L01331704	1/2	CCW	Concave	10-5/8	9-1/2	8-7/8	1-1/4	1/16	EA	1
L01332301	1/2	CW	Convex	10-5/8	9-1/2	8-7/8	1-1/4	1-1/15	EA	1
L01331602	1/2	CW	Concave	10-5/8	10-5/8	8-7/8	1-1/4	1/16	EA	1
L01332203	1/2	CW	Convex	10-5/8	10-5/8	8-7/8	1-1/4	1-1/15	EA	1
L01331606	1/2	CCW	Concave	10-5/8	10-5/8	8-7/8	1-1/4	1/16	EA	1
L02694005	1/2	CW	Convex	11-3/4	7-1/8	10	1-1/4	2	EA	1
L02694007	1/2	CW	Convex	11-3/4	8	10	1-1/4	2	EA	1
L02694107	1/2	CW	Concave	11-3/4	8	10	1-1/4	1/16	EA	1
L02694009	1/2	CW	Convex	11-3/4	9-1/2	10	1-1/4	2	EA	1
L02694010	1/2	CCW	Convex	11-3/4	9-1/2	10	1-1/4	2	EA	1
L02694111	1/2	CW	Concave	11-3/4	10-5/8	10	1-1/4	1/16	EA	1
L02694112	1/2	CCW	Concave	11-3/4	10-5/8	10	1-1/4	1/16	EA	1
L01369325	1/2	CW	Convex	12-5/8	9-1/2	10-5/16	1-1/4	2	EA	1
L01556507	1/2	CW	Concave	12-5/8	12-5/8	10-5/16	1-1/4	1/16	EA	1
L01556504	5/8	CW	Concave	12-5/8	12-5/8	10-5/16	1-1/4	1/16	EA	1

BLOWER WHEELS CONT'D

Galvanized Steel Blower Wheels

Applications

Condensers, draft boosters, flue exhaust, small appliances, furnaces

Features

Rotation viewed side opposite hub



BW16045

Packard

CATALOG NO.	DIA. (IN.)	WIDTH (INV.)	ROTA.	BORE (IN.)	MAX RPM	UOM	OM
BW16039	3	1-7/8	CCW	1/4	5000	EA	1
BW16044	3-13/16	2-1/2	CW	5/16	5000	EA	1
BW16042	3-13/16	1-7/8	CCW	5/16	5000	EA	1
BW16045	3-13/16	2-1/2	CCW	5/16	5000	EA	1
BW16041	3-13/16	1-7/8	CW	1/4	5000	EA	1
BW16040	3-13/16	1-7/8	CCW	1/4	5000	EA	1
A65048BW*	3.82	1.65	CW Hub End	5/16	—	EA	1
BW16623*	4	1	CCW	1/4	—	EA	1
BW16626*	4	2	CW	3/8	—	EA	1
BW16141	4	1-1/2	CCW	5/16	3600	EA	1
A65569BW*	4	1-1/2	CCW	5/16	—	EA	1
BW16052	4-1/4	2-15/16	CCW	1/4	4500	EA	1
BW11046*	4-1/2	1.65	CCW	1/4	—	EA	1
BW16161	4-17/32	1-1/4	CCW	5/16	6300	EA	1
BW16054	5-13/64	2-29/32	CCW	5/16	3600	EA	1
BW16025	5-13/64	2-1/2	CCW	5/16	3600	EA	1
BW16024	5-13/64	2-1/2	CW	5/16	3600	EA	1
BW16549*	5-1/4	1	CW	5/16	—	EA	1
BW16548*	5-3/4	1	CW	5/16	—	EA	1
BW16002	5-45/64	4	CW	1/2	2800	EA	1
BW16057	5-45/64	4	CCW	1/2	2800	EA	1
BW16010	6	3-1/4	CCW	1/2	2400	EA	1

*BW43425 Direct Replacement For Reznor 43425
A65048BW Direct Replacement For Carrier LA11XA048
BW16623 Direct Replacement For York 026-32623-700 | Stainless Steel
BW16626 Direct Replacement For York 026-32626-700 | Stainless Steel
A65569BW Direct Replacement For Carrier LA11AA005
BW11046 Direct Replacement For Carrier LA11XA046

CATALOG NO.	DIA. (IN.)	WIDTH (IN.)	ROTA.	BORE (IN.)	MAX RPM	UOM	OM
BW16064	6-25/64	4	CCW	1/2	1700	EA	1
BW16005	7-1/8	4	CCW	1/2	1500	EA	1
A60200BW*	7-11/16	8	CW	1/2	—	EA	1
BW16007	9-1/8	4-1/4	CW	1/2	1475	EA	1
BW16027	9-31/32	6	CW	1/2	1100	EA	1

CATALOG NO.	DIA. (IN.)	WIDTH (IN.)	ROTA.	BORE (IN.)	MAX RPM	UOM	OM
A65894BW	3-13/16	1-5/8	CW	7/32	n/a	EA	1
BW16000	4-22/32	2-15/16	CCW	5/16	3600	EA	1
BW26011	4-27/32	7	CW	1/2	3600	EA	1
BW26013	5-9/16	6-1/2	CW	1/2	2500	EA	1
BW26084	3-3/16	7-5/8	CW	1/2	3000	EA	1
BW26083	6-25/64	7	CCW	1/2	2050	EA	1
BW26032	5-45/64	7-5/8	CCW	1/2	3000	EA	1
BW26033	5-3/4	7-55/64	CW	1/2	1700	EA	1
BW26030	5-1/4	6-7/8	CW	1/2	3600	EA	1
BW26031	5-45/64	7-5/8	CW	1/2	3000	EA	1
BW26018	7-31/64	9	CW	1/2	1600	EA	1
BW26014	5-9/16	6-1/2	CCW	1/2	2500	EA	1

*BW16549 Direct Replacement For Carrier LA21RB549
BW16548 Direct Replacement For Carrier LA21RB548
A60200BW Direct Replacement For First Company W200

BLOWER WHEELS CONT'D

Galvanized Blower Wheels - Double Inlet

Applications

Furnaces, Air Handlers, Package Units

Features

9" to 12" diameter
Dynamically balanced
Made in USA
Individually boxed



BW45015

Morrison Products
Innovating Air Flow

CATALOG NO.	DIAM. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MAX RPM	TYPE	MATERIAL	HUB LOCATION	BACK PLATE	UOM	OM
BW31018	9.62	6.06	CW	1/2	2600	Strip	Galvanized	Center	Convex	EA	1
BW32019	9.58	7.12	CW	1/2	2400	Strip	Galvanized	Center	Convex	EA	1
BW33002	9.53	8.06	CW	1/2	2300	Strip	Galvanized	Center	Convex	EA	1
BW43016	10.62	8.06	CW	1/2	2100	Strip	Galvanized	Center	Convex	EA	1
BW44005	10.62	9.5	CW	1/2	2000	Strip	Galvanized	Center	Convex	EA	1
BW45015	10.62	10.68	CW	1/2	1700	Strip	Galvanized	Center	Convex	EA	1
BW51013	12.15	6.06	CW	1/2	2300	Strip	Galvanized	Center	Convex	EA	1
BW52004	11.98	7.12	CW	1/2	2200	Strip	Galvanized	Center	Convex	EA	1
BW53018	11.96	8.06	CW	1/2	2100	Strip	Galvanized	Center	Convex	EA	1
BW54010	11.95	9.5	CW	1/2	1800	Strip	Galvanized	Center	Convex	EA	1
BW54202	11.95	9.5	CW	1/2	1800	Strip	Galvanized	Center	Concave	EA	1
BW55017	11.95	10.68	CW	1/2	1500	Strip	Galvanized	Center	Convex	EA	1

Direct OEM Replacement Blower Wheels

Applications

Furnaces, Air Handlers, Package Units

Features

9" to 13" diameter
Dynamically balanced
Individually boxed
Made in USA
Additional models available on request



BW55204

Morrison Products
Innovating Air Flow

CATALOG NO.	DIAM. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MAX RPM	TYPE	MATERIAL	HUB LOCATION	BACK PLATE	DIRECT REPLACEMENT FOR	UOM	OM
BW55204	11.95	10.68	CW	1/2	1500	Strip	Galvanized	Center	Concave	03-55294	EA	1

IMPELLERS

Plastic Blower Wheels

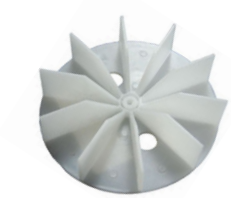


A65900

Packard

CATALOG NO.	BORE (IN.)	DIAM. (IN.)	WIDTH (IN.)	BORE	DIRECT REPLACEMENT FOR	UOM	OM
A65900	1/4	5-3/4	2	D Shape	Nutone 59000A000	EA	1

Plastic Impellers



A65216FB

Packard

CATALOG NO.	BORE (IN.)	DIAM. (IN.)	BORE	DIRECT REPLACEMENT FOR	UOM	OM
A65100FB	7/32	4-9/16	D Shape	Nutone 68920	EA	1
A65216FB	3/16	4 1/2	D Shape	—	EA	1
A64031FB	0.181	4 1/2	Round	—	EA	1

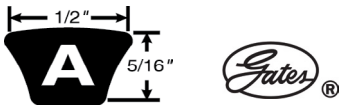
BELTS

Hi-Power® II Belts - A Section

Built for superior performance on heavy duty classical cross-section drives. The raw edge, Ethylene Elastomer construction and special notch design makes the Tri-Power belt especially suited for small diameter pulleys and back side idler drives.



A52



Features

All sizes meet Gates V80® system matching tolerances.
Meets ARPM/RMA IP-3-2 oil and heat resistant standards.
Meets ARPM/RMA IP-3-3 static conductivity requirements.
REACH and RoHS 2 compliant.
Operating temperature range: -30°C/-22°F to +60°C/140°F.

CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
A20	A Section	22.0	.120	EA	1
A21	A Section	23.0	.130	EA	1
A22	A Section	24.0	.140	EA	1
A23	A Section	25.0	.150	EA	1
A24	A Section	26.0	.160	EA	1
A25	A Section	27.0	.170	EA	1
A26	A Section	28.0	.170	EA	1
A27	A Section	29.0	.170	EA	1
A28	A Section	30.0	.180	EA	1
A29	A Section	31.0	.190	EA	1
A30	A Section	32.0	.200	EA	1
A31	A Section	33.0	.200	EA	1
A32	A Section	34.0	.210	EA	1
A33	A Section	35.0	.220	EA	1
A34	A Section	36.0	.220	EA	1
A35	A Section	37.0	.230	EA	1
A36	A Section	38.0	.230	EA	1
A37	A Section	39.0	.240	EA	1
A38	A Section	40.0	.250	EA	1
A39	A Section	41.0	.260	EA	1
A40	A Section	42.0	.260	EA	1
A41	A Section	43.0	.270	EA	1
A42	A Section	44.0	.270	EA	1
A43	A Section	45.0	.290	EA	1
A44	A Section	46.0	.290	EA	1
A45	A Section	47.0	.300	EA	1
A46	A Section	48.0	.300	EA	1
A47	A Section	49.0	.310	EA	1
A48	A Section	50.0	.310	EA	1
A49	A Section	51.0	.320	EA	1
A50	A Section	52.0	.330	EA	1
A51	A Section	53.0	.330	EA	1
A52	A Section	54.0	.340	EA	1
A53	A Section	55.0	.350	EA	1
A54	A Section	56.0	.360	EA	1
A55	A Section	57.0	.370	EA	1
A56	A Section	58.0	.380	EA	1
A57	A Section	59.0	.380	EA	1

CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
A58	A Section	60.0	.390	EA	1
A59	A Section	61.0	.400	EA	1
A60	A Section	62.0	.400	EA	1
A61	A Section	63.0	.410	EA	1
A62	A Section	64.0	.410	EA	1
A63	A Section	65.0	.420	EA	1
A64	A Section	66.0	.430	EA	1
A65	A Section	67.0	.440	EA	1
A66	A Section	68.0	.450	EA	1
A67	A Section	69.0	.450	EA	1
A68	A Section	70.0	.460	EA	1
A69	A Section	71.0	.470	EA	1
A70	A Section	72.0	.470	EA	1
A71	A Section	73.0	.480	EA	1
A72	A Section	74.0	.480	EA	1
A73	A Section	75.0	.500	EA	1
A74	A Section	76.0	.510	EA	1
A75	A Section	77.0	.510	EA	1
A76	A Section	78.0	.520	EA	1
A77	A Section	79.0	.530	EA	1
A78	A Section	80.0	.540	EA	1
A80	A Section	80.0	.540	EA	1
A81	A Section	81.0	.540	EA	1
A82	A Section	82.0	.540	EA	1
A85	A Section	85.0	.540	EA	1
A86	A Section	86.0	.540	EA	1
A87	A Section	87.0	.540	EA	1
A89	A Section	89.0	.540	EA	1
A90	A Section	90.0	.540	EA	1
A92	A Section	92.0	.540	EA	1
A94	A Section	94.0	.540	EA	1
A95	A Section	95.0	.540	EA	1
A96	A Section	96.0	.540	EA	1
A98	A Section	98.0	.540	EA	1
A100B	A Section	100.0	.540	EA	1
A103	A Section	103.0	.540	EA	1
A105B	A Section	105.0	.540	EA	1

Hi-Power® II Belts - C Section





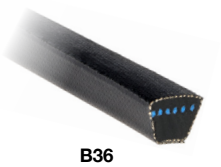
C96

CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
C96	C Section	99.0	.810	EA	1
C108	C Section	111.0	.820	EA	1
C122	C Section	125.0	.820	EA	1
C150B	C Section	153.0	.830	EA	1
C158	C Section	161.0	.850	EA	1
C162	C Section	165.0	.850	EA	1

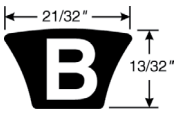
BELTS CONT'D

Hi-Power® II Belts - B Section

The wrapped classical section Hi-Power V-belt has a long reputation for reliability on agricultural and industrial applications. The arched top of the Hi-Power belt provides superior strength to prevent "dishing" and distortion of the tensile section. The cords are properly aligned, each of them carrying its full share of the load.



B36



Features

All sizes meet Gates V80® system matching tolerances
Meets ARPM/RMA IP-3-2 oil and heat resistant standards
REACH and RoHS 2 compliant
Meets ARPM/RMA IP-3-3 static conductivity requirements
Operating temperature range: -30°C/-22°F to +60°C/140°F

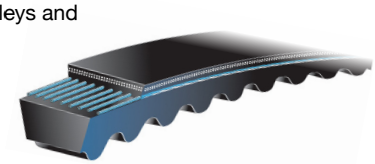
CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
B25	B Section	28.0	.330	EA	1
B26	B Section	29.0	.330	EA	1
B27	B Section	30.0	.330	EA	1
B28	B Section	31.0	.330	EA	1
B29	B Section	32.0	.340	EA	1
B30	B Section	33.0	.350	EA	1
B30B	B Section	33.0	.350	EA	1
B32	B Section	35.0	.370	EA	1
B33	B Section	36.0	.380	EA	1
B34	B Section	37.0	.390	EA	1
B35	B Section	38.0	.400	EA	1
B36	B Section	39.0	.410	EA	1
B37	B Section	40.0	.420	EA	1
B38	B Section	41.0	.440	EA	1
B39	B Section	42.0	.460	EA	1
B40	B Section	43.0	.470	EA	1
B41	B Section	44.0	.480	EA	1
B42	B Section	45.0	.490	EA	1
B43	B Section	46.0	.500	EA	1
B44	B Section	47.0	.510	EA	1
B45	B Section	48.0	.520	EA	1
B46	B Section	49.0	.530	EA	1
B47	B Section	50.0	.540	EA	1
B48	B Section	51.0	.550	EA	1
B49	B Section	52.0	.550	EA	1
B50	B Section	53.0	.560	EA	1
B51	B Section	54.0	.570	EA	1
B52	B Section	55.0	.580	EA	1
B53	B Section	56.0	.600	EA	1
B54	B Section	57.0	.620	EA	1
B55	B Section	58.0	.630	EA	1
B56	B Section	59.0	.650	EA	1
B57	B Section	60.0	.650	EA	1
B58	B Section	61.0	.670	EA	1
B59	B Section	62.0	.680	EA	1
B60	B Section	63.0	.680	EA	1
B61	B Section	64.0	.690	EA	1
B62	B Section	65.0	.700	EA	1
B63	B Section	66.0	.720	EA	1
B64	B Section	67.0	.730	EA	1
B65	B Section	68.0	.740	EA	1
B66	B Section	69.0	.760	EA	1
B67	B Section	70.0	.770	EA	1
B68	B Section	71.0	.780	EA	1
B69	B Section	72.0	.790	EA	1
B70	B Section	73.0	.800	EA	1

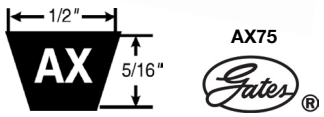
CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
B71	B Section	74.0	.810	EA	1
B72	B Section	75.0	.820	EA	1
B73	B Section	76.0	.820	EA	1
B74	B Section	77.0	.830	EA	1
B75	B Section	78.0	.850	EA	1
B76	B Section	79.0	.850	EA	1
B77	B Section	80.0	.870	EA	1
B78	B Section	81.0	.890	EA	1
B79	B Section	82.0	.890	EA	1
B80	B Section	83.0	.900	EA	1
B81	B Section	84.0	.910	EA	1
B82	B Section	85.0	.920	EA	1
B83	B Section	86.0	.920	EA	1
B84	B Section	87.0	.930	EA	1
B85	B Section	88.0	.950	EA	1
B86	B Section	89.0	.960	EA	1
B87	B Section	90.0	.970	EA	1
B88	B Section	91.0	.980	EA	1
B89	B Section	92.0	.990	EA	1
B90	B Section	93.0	1.000	EA	1
B92	B Section	95.0	1.030	EA	1
B93	B Section	96.0	1.040	EA	1
B94	B Section	97.0	1.050	EA	1
B95	B Section	98.0	1.060	EA	1
B96	B Section	99.0	1.070	EA	1
B97	B Section	100.0	1.080	EA	1
B98	B Section	101.0	1.100	EA	1
B99	B Section	102.0	1.110	EA	1
B100B	B Section	103.0	1.240	EA	1
B103	B Section	106.0	1.240	EA	1
B105	B Section	108.0	1.240	EA	1
B106	B Section	109.0	1.240	EA	1
B108	B Section	111.0	1.240	EA	1
B111	B Section	114.0	1.240	EA	1
B112	B Section	115.0	1.240	EA	1
B123B	B Section	126.0	1.430	EA	1
B124B	B Section	127.0	1.430	EA	1
B126	B Section	129.0	1.430	EA	1
B128	B Section	131.0	1.430	EA	1
B133	B Section	136.0	1.610	EA	1
B136	B Section	139.0	1.610	EA	1
B140	B Section	143.0	1.610	EA	1
B144	B Section	147.0	1.610	EA	1
B148	B Section	151.0	1.640	EA	1
B225	B Section	228.0	1.640	EA	1

BELTS CONT'D

Tri-Power® Belts - AX Section

Built for superior performance on heavy duty classical cross-section drives. The raw edge, Ethylene Elastomer construction and special notch design makes the Tri-Power belt especially suited for small diameter pulleys and back side idler drives.





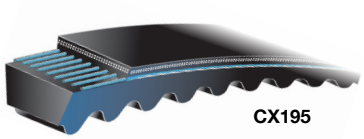
Features

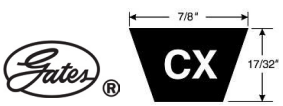
Suitable for all industrial applications, particularly where small or sub-minimal sheave diameters are required.
15% capacity increase over wrapped belts.
Meets ARPM/RMA IP-3-2 oil and heat resistant standards.
Meets ARPM/RMA IP-3-3 static conductivity requirements.
REACH and RoHS 2 compliant.
Operating temperature range: -51°C/-70°F to +121°C /+250°F.

CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
AX20	AX Section	22.0	.110	EA	1
AX21	AX Section	23.0	.150	EA	1
AX22	AX Section	24.0	.150	EA	1
AX23	AX Section	25.0	.150	EA	1
AX24	AX Section	26.0	.150	EA	1
AX25	AX Section	27.0	.150	EA	1
AX26	AX Section	28.0	.150	EA	1
AX27	AX Section	29.0	.150	EA	1
AX28	AX Section	30.0	.150	EA	1
AX29	AX Section	31.0	.150	EA	1
AX30	AX Section	32.0	.200	EA	1
AX31	AX Section	33.0	.200	EA	1
AX32	AX Section	34.0	.200	EA	1
AX33	AX Section	35.0	.200	EA	1
AX34	AX Section	36.0	.200	EA	1
AX35	AX Section	37.0	.200	EA	1
AX36	AX Section	38.0	.200	EA	1
AX37	AX Section	39.0	.200	EA	1
AX38	AX Section	40.0	.200	EA	1
AX39	AX Section	41.0	.200	EA	1
AX40	AX Section	42.0	.200	EA	1
AX41	AX Section	43.0	.250	EA	1
AX42	AX Section	44.0	.250	EA	1
AX43	AX Section	45.0	.250	EA	1
AX44	AX Section	46.0	.250	EA	1
AX45	AX Section	47.0	.250	EA	1
AX46	AX Section	48.0	.250	EA	1
AX47	AX Section	49.0	.300	EA	1
AX48	AX Section	50.0	.300	EA	1
AX49	AX Section	51.0	.300	EA	1
AX50	AX Section	52.0	.300	EA	1
AX51	AX Section	53.0	.300	EA	1
AX52	AX Section	54.0	.300	EA	1
AX53	AX Section	55.0	.300	EA	1
AX54	AX Section	56.0	.300	EA	1
AX55	AX Section	57.0	.300	EA	1
AX56	AX Section	58.0	.300	EA	1
AX57	AX Section	59.0	.300	EA	1

CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
AX58	AX Section	60.0	.300	EA	1
AX59	AX Section	61.0	.300	EA	1
AX60	AX Section	62.0	.350	EA	1
AX61	AX Section	63.0	.350	EA	1
AX62	AX Section	64.0	.350	EA	1
AX63	AX Section	65.0	.350	EA	1
AX64	AX Section	66.0	.350	EA	1
AX65	AX Section	67.0	.350	EA	1
AX66	AX Section	68.0	.350	EA	1
AX67	AX Section	69.0	.400	EA	1
AX68	AX Section	70.0	.400	EA	1
AX69	AX Section	71.0	.400	EA	1
AX70	AX Section	72.0	.400	EA	1
AX71	AX Section	73.0	.400	EA	1
AX72	AX Section	74.0	.400	EA	1
AX73	AX Section	75.0	.400	EA	1
AX74	AX Section	76.0	.400	EA	1
AX75	AX Section	77.0	.400	EA	1
AX76	AX Section	78.0	.450	EA	1
AX77	AX Section	79.0	.450	EA	1
AX78	AX Section	80.0	.450	EA	1
AX80	AX Section	82.0	.450	EA	1
AX81	AX Section	83.0	.450	EA	1
AX82	AX Section	84.0	.450	EA	1
AX84	AX Section	86.0	.500	EA	1
AX85	AX Section	87.0	.500	EA	1
AX86	AX Section	88.0	.500	EA	1
AX87	AX Section	89.0	.500	EA	1
AX88	AX Section	90.0	.500	EA	1
AX91	AX Section	93.0	.550	EA	1
AX92	AX Section	94.0	.550	EA	1
AX93	AX Section	95.0	.550	EA	1
AX94	AX Section	96.0	.550	EA	1
AX95	AX Section	97.0	.550	EA	1
AX100	AX Section	1002.0	.600	EA	1
AX120	AX Section	122.0	.600	EA	1

Tri-Power® Belts - CX Section





CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
CX195	CX Section	197.0	.110	EA	1
CX270	CX Section	272.0	.150	EA	1

BELTS CONT'D

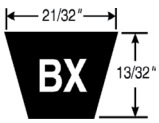
Tri-Power® Belts - BX Section



Built for superior performance on heavy duty classical cross-section drives. The raw edge, Ethylene Elastomer construction and special notch design makes the Tri-Power belt especially suited for small diameter pulleys and back side idler drives.

Features

Suitable for all industrial applications, particularly where small or sub-minimal sheave diameters are required.
15% capacity increase over wrapped belts.
Meets ARPM/RMA IP-3-2 oil and heat resistant standards.
Meets ARPM/RMA IP-3-3 static conductivity requirements.
REACH and RoHS 2 compliant.
Operating temperature range: -51°C/-70°F to +121°C /+250°F.



BX52

Gates®

CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
BX27	BX Section	30.0	.250	EA	1
BX28	BX Section	31.0	.300	EA	1
BX29	BX Section	32.0	.300	EA	1
BX30	BX Section	33.0	.300	EA	1
BX31	BX Section	34.0	.300	EA	1
BX32	BX Section	35.0	.300	EA	1
BX33	BX Section	36.0	.300	EA	1
BX34	BX Section	37.0	.300	EA	1
BX35	BX Section	38.0	.350	EA	1
BX36	BX Section	39.0	.350	EA	1
BX37	BX Section	40.0	.350	EA	1
BX38	BX Section	41.0	.350	EA	1
BX39	BX Section	42.0	.350	EA	1
BX40	BX Section	43.0	.350	EA	1
BX41	BX Section	44.0	.350	EA	1
BX42	BX Section	45.0	.400	EA	1
BX43	BX Section	46.0	.400	EA	1
BX44	BX Section	47.0	.400	EA	1
BX45	BX Section	48.0	.450	EA	1
BX46	BX Section	49.0	.450	EA	1
BX47	BX Section	50.0	.450	EA	1
BX48	BX Section	51.0	.450	EA	1
BX49	BX Section	52.0	.450	EA	1
BX50	BX Section	53.0	.500	EA	1
BX51	BX Section	54.0	.500	EA	1
BX52	BX Section	55.0	.500	EA	1
BX53	BX Section	56.0	.500	EA	1
BX54	BX Section	57.0	.500	EA	1
BX55	BX Section	1.0	.500	EA	1
BX56	BX Section	59.0	.550	EA	1
BX57	BX Section	60.0	.550	EA	1
BX59	BX Section	62.0	.550	EA	1
BX60	BX Section	63.0	.550	EA	1
BX61	BX Section	64.0	.600	EA	1
BX62	BX Section	65.0	.600	EA	1
BX63	BX Section	66.0	.600	EA	1
BX64	BX Section	67.0	.600	EA	1
BX65	BX Section	68.0	.600	EA	1
BX66	BX Section	69.0	.600	EA	1
BX67	BX Section	70.0	.600	EA	1
BX68	BX Section	71.0	.650	EA	1
BX69	BX Section	72.0	.650	EA	1
BX70	BX Section	73.0	.650	EA	1
BX71	BX Section	74.0	.650	EA	1
BX72	BX Section	75.0	.700	EA	1

CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
BX73	BX Section	76.0	.700	EA	1
BX74	BX Section	77.0	.700	EA	1
BX75	BX Section	78.0	.700	EA	1
BX76	BX Section	79.0	.700	EA	1
BX77	BX Section	80.0	.750	EA	1
BX78	BX Section	81.0	.750	EA	1
BX79	BX Section	82.0	.750	EA	1
BX80	BX Section	83.0	.750	EA	1
BX81	BX Section	84.0	.750	EA	1
BX82	BX Section	85.0	.750	EA	1
BX83	BX Section	86.0	.800	EA	1
BX84	BX Section	87.0	.800	EA	1
BX85	BX Section	88.0	.800	EA	1
BX86	BX Section	89.0	.800	EA	1
BX87	BX Section	90.0	.800	EA	1
BX88	BX Section	91.0	.800	EA	1
BX89	BX Section	92.0	.800	EA	1
BX90	BX Section	93.0	.850	EA	1
BX91	BX Section	94.0	.850	EA	1
BX92	BX Section	95.0	.850	EA	1
BX93	BX Section	96.0	.850	EA	1
BX94	BX Section	97.0	.850	EA	1
BX95	BX Section	98.0	.900	EA	1
BX96	BX Section	99.0	.900	EA	1
BX97	BX Section	100.0	.900	EA	1
BX98	BX Section	101.0	.900	EA	1
BX99	BX Section	102.0	.900	EA	1
BX100	BX Section	103.0	.950	EA	1
BX103	BX Section	106.0	.950	EA	1
BX105	BX Section	108.0	.950	EA	1
BX106	BX Section	109.0	.950	EA	1
BX108	BX Section	111.0	1.000	EA	1
BX112	BX Section	115.0	1.000	EA	1
BX113	BX Section	116.0	1.050	EA	1
BX116	BX Section	119.0	1.050	EA	1
BX120	BX Section	123.0	1.100	EA	1
BX124	BX Section	127.0	1.100	EA	1
BX128	BX Section	131.0	1.100	EA	1
BX133	BX Section	136.0	1.200	EA	1
BX136	BX Section	139.0	1.200	EA	1
BX140	BX Section	143.0	1.250	EA	1
BX144	BX Section	147.0	1.250	EA	1
BX148	BX Section	151.0	1.250	EA	1
BX150	BX Section	153.0	1.250	EA	1

BELTS CONT'D

Truflex® V-Belts - 3L and 4L Section

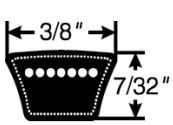


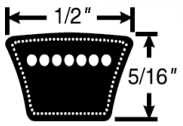
Engineered with all the qualities of a great belt, including flexibility, durability, and resistance to contaminants. It includes a thin profile, designed for small-diameter sheaves, and a lower cord positioning to improve belt performance on light-duty belt drives and in your backside idler applications.

Features

Perfect for auxiliary automotive applications like electric windows, windshield wipers, and central locking systems, drive pumps, power tools, and domestic appliance applications, FHP motors and light-duty applications.

Meets ARPM/RMA IP-3-2 oil and heat resistant standards.
Meets ARPM/RMA IP-3-3 static conductivity requirements.
Operating temperature range: -30°C/-22°F to +60°C/140°F.
REACH and RoHS 2 compliant.





3L280

Gates®

CATALO NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
3L150	3L Section	15.0	.073	EA	1
3L170	3L Section	17.0	.073	EA	1
3L180	3L Section	18.0	.076	EA	1
3L190	3L Section	19.0	.078	EA	1
3L200	3L Section	20.0	.080	EA	1
3L210	3L Section	21.0	.075	EA	1
3L220	3L Section	22.0	.085	EA	1
3L230	3L Section	23.0	.088	EA	1
3L240	3L Section	24.0	.100	EA	1
3L250	3L Section	25.0	.093	EA	1
3L260	3L Section	26.0	.095	EA	1
3L270	3L Section	27.0	.099	EA	1
3L280	3L Section	28.0	.099	EA	1
3L300	3L Section	30.0	.099	EA	1
3L330	3L Section	33.0	.099	EA	1
3L340	3L Section	34.0	.099	EA	1
3L360	3L Section	36.0	.099	EA	1
3L370	3L Section	37.0	.099	EA	1
3L390	3L Section	39.0	.099	EA	1
3L410	3L Section	41.0	.099	EA	1
3L420	3L Section	42.0	.099	EA	1
4L170	4L Section	17.0	.090	EA	1
4L180	4L Section	18.0	.100	EA	1
4L190	4L Section	19.0	.110	EA	1
4L200	4L Section	20.0	.110	EA	1
4L210	4L Section	21.0	.110	EA	1
4L220	4L Section	22.0	.120	EA	1
4L230	4L Section	23.0	.120	EA	1
4L240	4L Section	24.0	.120	EA	1
4L250	4L Section	25.0	.130	EA	1
4L260	4L Section	26.0	.140	EA	1
4L270	4L Section	27.0	.150	EA	1
4L280	4L Section	28.0	.150	EA	1
4L290	4L Section	29.0	.150	EA	1
4L300	4L Section	30.0	.160	EA	1

CATALO NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
4L310	4L Section	31.0	.160	EA	1
4L320	4L Section	32.0	.170	EA	1
4L330	4L Section	33.0	.180	EA	1
4L340	4L Section	34.0	.190	EA	1
4L350	4L Section	35.0	.190	EA	1
4L360	4L Section	36.0	.200	EA	1
4L370	4L Section	37.0	.200	EA	1
4L380	4L Section	38.0	.200	EA	1
4L390	4L Section	39.0	.210	EA	1
4L400	4L Section	40.0	.210	EA	1
4L410	4L Section	41.0	.220	EA	1
4L420	4L Section	42.0	.220	EA	1
4L430	4L Section	43.0	.230	EA	1
4L440B	4L Section	44.0	.240	EA	1
4L450	4L Section	45.0	.240	EA	1
4L460	4L Section	46.0	.240	EA	1
4L470	4L Section	47.0	.250	EA	1
4L480	4L Section	48.0	.250	EA	1
4L490	4L Section	49.0	.260	EA	1
4L500	4L Section	50.0	.260	EA	1
4L510	4L Section	51.0	.270	EA	1
4L520	4L Section	52.0	.280	EA	1
4L530	4L Section	53.0	.280	EA	1
4L540	4L Section	54.0	.290	EA	1
4L550	4L Section	55.0	.300	EA	1
4L560	4L Section	56.0	.300	EA	1
4L590	4L Section	59.0	.300	EA	1
4L600	4L Section	60.0	.300	EA	1
4L620	4L Section	62.0	.300	EA	1
4L680	4L Section	68.0	.300	EA	1
4L710	4L Section	71.0	.300	EA	1
4L740	4L Section	74.0	.300	EA	1
4L770	4L Section	77.0	.300	EA	1
4L780	4L Section	78.0	.300	EA	1
4L980	4L Section	98.0	.300	EA	1

BELTS CONT'D

Truflex® V-Belts - 5L Section

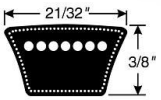


Engineered with all the qualities of a great belt, including flexibility, durability, and resistance to contaminants. It includes a thin profile, designed for small-diameter sheaves, and a lower cord positioning to improve belt performance on light-duty belt drives and in your backside idler applications.

Features

Perfect for auxiliary automotive applications like electric windows, windshield wipers, and central locking systems, drive pumps, power tools, and domestic appliance applications, FHP motors and light-duty applications.

Meets ARPM/RMA IP-3-2 oil and heat resistant standards.
Meets ARPM/RMA IP-3-3 static conductivity requirements.
Operating temperature range: -30°C/-22°F to +60°C/140°F.
REACH and RoHS 2 compliant.



5L230

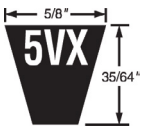
CATALO NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
5L230	5L Section	23.0	.2	EA	1
5L240	5L Section	24.0	.22	EA	1
5L260	5L Section	26.0	.2	EA	1
5L280	5L Section	28.0	.25	EA	1
5L330	5L Section	33.0	.3	EA	1
5L410	5L Section	41.0	.35	EA	1
5L470	5L Section	47.0	.4	EA	1
5L520	5L Section	52.0	.45	EA	1
5L540	5L Section	54.0	.5	EA	1
5L590	5L Section	59.0	.5	EA	1
5L610	5L Section	61.0	.5	EA	1
5L640	5L Section	64.0	.55	EA	1
5L650	5L Section	65.0	.6	EA	1
5L660	5L Section	66.0	.5	EA	1
5L670	5L Section	67.0	.6	EA	1
5L760	5L Section	76.0	.6	EA	1
5L780	5L Section	78.0	.7	EA	1
5L800	5L Section	80.0	.7	EA	1
5L810	5L Section	81.0	.7	EA	1
5L820	5L Section	82.0	.7	EA	1
5L850	5L Section	85.0	.75	EA	1
5L870	5L Section	87.0	.8	EA	1
5L910	5L Section	91.0	.75	EA	1
5L940	5L Section	94.0	.85	EA	1
5L960	5L Section	96.0	.7	EA	1

BELTS CONT'D

Super HC® Molded Notch Belts - 5VX Section

Combines the strength of a wrapped belt construction with the economies of a narrow section V-belt. It transmits more power in a given space and allows more compact drive design than classical section V-belts. In short, it offers you more power and considerably reduces the space needed. This significantly cuts the overall drive cost. Super HC V-belts also have exclusive Gates construction features for longer life on your drives.





5VX860

Features

All sizes meet Gates V80® system matching tolerances.
Recommended for use on all industrial heavy-duty, narrow section V-belt drives.
With an increased transmission efficiency this belt allows for a more compact and highly economical drive design by reducing size of pulleys, bearings, guards and mounts.
Improved belt life reducing expensive maintenance time.
REACH and RoHS 2 compliant.
Operating temperature range: -51°C/-60°F to +121°C/250°F.

CATALO NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
5VX450	5VX Section	45.0	.480	EA	1
5VX470	5VX Section	47.0	.480	EA	1
5VX490	5VX Section	49.0	.480	EA	1
5VX500	5VX Section	50.0	.510	EA	1
5VX530	5VX Section	53.0	.540	EA	1
5VX540	5VX Section	54.0	.540	EA	1
5VX550	5VX Section	55.0	.560	EA	1
5VX560	5VX Section	56.0	.560	EA	1
5VX570	5VX Section	57.0	.580	EA	1
5VX580	5VX Section	58.0	.580	EA	1
5VX590	5VX Section	59.0	.580	EA	1
5VX600	5VX Section	60.0	.600	EA	1
5VX610	5VX Section	61.0	.600	EA	1
5VX630	5VX Section	63.0	.640	EA	1
5VX650	5VX Section	65.0	.660	EA	1
5VX660	5VX Section	66.0	.660	EA	1
5VX670	5VX Section	67.0	.660	EA	1
5VX680	5VX Section	68.0	.660	EA	1
5VX690	5VX Section	69.0	.660	EA	1
5VX710	5VX Section	71.0	.710	EA	1
5VX730	5VX Section	73.0	.760	EA	1
5VX750	5VX Section	75.0	.760	EA	1
5VX780	5VX Section	78.0	.780	EA	1
5VX800	5VX Section	80.0	.800	EA	1
5VX810	5VX Section	81.0	.800	EA	1

CATALOG NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
5VX830	5VX Section	83.0	.830	EA	1
5VX840	5VX Section	84.0	.840	EA	1
5VX850	5VX Section	85.0	.860	EA	1
5VX860	5VX Section	86.0	.860	EA	1
5VX880	5VX Section	88.0	.900	EA	1
5VX900	5VX Section	90.0	.900	EA	1
5VX930	5VX Section	93.0	.950	EA	1
5VX950	5VX Section	95.0	.950	EA	1
5VX960	5VX Section	96.0	.950	EA	1
5VX1000	5VX Section	100.0	1.000	EA	1
5VX1030	5VX Section	103.0	1.030	EA	1
5VX1060	5VX Section	106.0	1.060	EA	1
5VX1080	5VX Section	108.0	1.080	EA	1
5VX1120	5VX Section	112.0	1.110	EA	1
5VX1150	5VX Section	115.0	1.110	EA	1
5VX1180	5VX Section	118.0	1.170	EA	1
5VX1230	5VX Section	123.0	1.170	EA	1
5VX1250	5VX Section	125.0	1.170	EA	1
5VX1320	5VX Section	132.0	1.300	EA	1
5VX1400	5VX Section	140.0	1.380	EA	1
5VX1500	5VX Section	150.0	1.380	EA	1
5VX1600	5VX Section	160.0	1.380	EA	1
5VX1900	5VX Section	190.0	1.380	EA	1
5VX2000	5VX Section	200.0	1.380	EA	1
5V2120	5V Section	212.0	1.380	EA	1

BELTS CONT'D

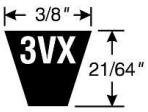
Super HC® Molded Notch Belts - 3VX Section



Combines the strength of a wrapped belt construction with the economies of a narrow section V-belt. It transmits more power in a given space and allows more compact drive design than classical section V-belts. In short, it offers you more power and considerably reduces the space needed. This significantly cuts the overall drive cost. Super HC V-belts also have exclusive Gates construction features for longer life on your drives.

Features

All sizes meet Gates V80® system matching tolerances.
Recommended for use on all industrial heavy-duty, narrow section V-belt drives.
With an increased transmission efficiency this belt allows for a more compact and highly economical drive design by reducing size of pulleys, bearings, guards and mounts.
Improved belt life reducing expensive maintenance time.
REACH and RoHS 2 compliant.
Operating temperature range: -51°C/-60°F to +121°C/250°F.



3VX355

CATALO NO.	TYPE	O.C. (IN.)	WEIGHT (LBS.)	UOM	OM
3VX355	3VX Section	35.0	.150	EA	1
3VX375	3VX Section	37.0	.450	EA	1
3VX400	3VX Section	40.0	.150	EA	1
3VX425	3VX Section	42.0	.100	EA	1
3VX530	3VX Section	53.0	.300	EA	1
3VX560	3VX Section	56.0	.350	EA	1
3VX600	3VX Section	60.0	.250	EA	1
3VX630	3VX Section	63.0	.350	EA	1
3VX670	3VX Section	67.0	.400	EA	1
3VX750	3VX Section	75.0	.250	EA	1
3VX800	3VX Section	80.0	.450	EA	1
3VX850	3VX Section	85.0	.300	EA	1
3VX950	3VX Section	95.0	.350	EA	1

SHAFTS AND BEARINGS

Stock Bushings

"P" Style Bushings

Features

Solid flange helps reduces vibration in the drive
3/4" taper per foot, self locking
Double split barrel provides positive clamping to the shaft

Uses

Sheaves
Sprockets
Pulleys



PP11316

Packard

CATALOG NO.	STOCK BORE (IN.)	KEY WAY	UOM	OM
PP1118	1-1/8	1/4 x 1/8	EA	1
PP11316	1-3/16	1/4 x 1/8	EA	1
PP1138	1-3/8	5/16 x 5/32	EA	1
PP11716	1-7/16	3/8 x 3/16	EA	1
PP178	7/8	3/16 x 3/32	EA	1

"Q" Style Bushings

Features

Solid flange helps reduces vibration in the drive
3/4" taper per foot, self locking
Double split barrel provides positive clamping to the shaft

Uses

Sheaves
Sprockets
Pulleys



PQ1138

Packard

CATALOG NO.	STOCK BORE (IN.)	KEY WAY	UOM	OM
PQ11	1	1/4 x 1/8	EA	1
PQ1118	1-1/8	1/4 x 1/8	EA	1
PQ1138	1-3/8	3/8 x 3/16	EA	1

"H" Style Bushings

Features

Solid flange helps reduces vibration in the drive
3/4" taper per foot, self locking
Double split barrel provides positive clamping to the shaft

Uses

Sheaves
Sprockets
Pulleys



PH1316

Packard

CATALOG NO.	STOCK BORE (IN.)	KEY WAY	UOM	OM
PH38	3/8	None	EA	1
PH12	1/2	1/8 x 1/16	EA	1
PH58	5/8	3/16 x 3/32	EA	1
PH34	3/4	3/16 x 3/32	EA	1
PH1316	13/16	3/16 x 3/32	EA	1
PH78	7/8	3/16 x 3/32	EA	1
PH1	1	1/4 x 1/8	EA	1
PH118	1-1/8	1/4 x1/8	EA	1
PH114	1-1/4	1/4 x 1/16	EA	1
PH138	1-3/8	5/16 x 1/16	EA	1

STOCK SPLINE BORES
0.978 - 10 Inv
1-1/8 - 6B
1-3/8 - 6B
1-3/8 - 21 Inv

QD Bushings

"SH" Style Bushings

Features

Drilled with six holes (three drilled and three tapped) to allow pull-up bolts to be inserted from either side. This enables variations of mounting characteristics to suit a particular installation.



PSH1716

Packard

CATALOG NO.	STOCK BORE (IN.)	KEY WAY	UOM	OM
PSH1316	1-3/16	1/4 x 1/8	EA	1
PSH1716	1-7/16	3/8 x 3/16	EA	1

PULLEYS

Stock PVP Variable Pitch Single Groove Pulleys

Features

Fitted with hollow head set screws
Any standard double groove Packard Drive Pulley can be used as a companion pulley



PVP50118

Packard

			3L BELTS				4L OR A BELTS				5L OR B BELTS							
CATALOG NO.	TYPE	O.D. (IN.)	MIN. PITCH	MIN. TURNS OPEN	MAX. PITCH	MAX. TURNS OPEN	MIN. DATUM	MIN. TURNS OPEN	MAX. DATUM	MAX. TURNS OPEN	MIN. DATUM	MIN. TURNS OPEN	MAX. DATUM	MAX. TURNS OPEN	STOCK BORE (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
PVP2512	1	2.50	1.6	4	2.4	0	—	—	—	—	—	—	—	—	1/2	1VP25 x 1/2	EA	1
PVP3012	1	2.87	1.8	4	2.7	0	—	—	—	—	—	—	—	—	1/2	1VP30 x 1/2	EA	1
PVP3058	1	2.87	1.8	4	2.7	0	—	—	—	—	—	—	—	—	5/8	1VP30 x 5/8	EA	1
PVP3412	1	3.15	1.7	4	2.5	0	1.9	5	2.9	0	2.4	5	3.2	1	1/2	1VP34 x 1/2	EA	1
PVP3458	1	3.15	1.7	4	2.5	0	1.9	5	2.9	0	2.4	5	3.2	1	5/8	1VP34 x 5/8	EA	1
PVP3478	1	3.15	1.7	4	2.5	0	1.9	5	2.9	0	2.4	5	3.2	1	7/8	1VP34 x 7/8	EA	1
PVP4012	1	3.75	2.3	4	3.1	0	2.4	5	3.4	0	2.7	6	3.7	1	1/2	1VP40 x 1/2	EA	1
PVP4034	1	3.75	2.3	4	3.1	0	2.4	5	3.4	0	2.7	6	3.7	1	3/4	1VP40 x 3/4	EA	1
PVP4058	1	3.75	2.3	4	3.1	0	2.4	5	3.4	0	2.7	6	3.7	1	5/8	1VP40 x 5/8	EA	1
PVP4078	1	3.75	2.3	4	3.1	0	2.4	5	3.4	0	2.7	6	3.7	1	7/8	1VP40 x 7/8	EA	1
PVP4412	1	4.15	2.7	4	3.5	0	2.8	5	3.8	0	3.1	6	4.1	1	1/2	1VP44 x 1/2	EA	1
PVP4458	1	4.15	2.7	4	3.5	0	2.8	5	3.8	0	3.1	6	4.1	1	5/8	1VP44 x 5/8	EA	1
PVP4434	1	4.15	2.7	4	3.5	0	2.8	5	3.8	0	3.1	6	4.1	1	3/4	1VP44 x 3/4	EA	1
PVP4478	2	4.15	2.7	4	3.5	0	2.8	5	3.8	0	3.1	6	4.1	1	7/8	1VP44 x 7/8	EA	1
PVP44118	2	4.15	2.7	4	3.5	0	2.8	5	3.8	0	3.1	6	4.1	1	1-1/8	1VP44 x 1-1/8	EA	1
PVP5012	1	4.75	3.3	4	4.1	0	3.4	5	4.4	0	3.7	6	4.7	1	1/2	1VP50 x 1/2	EA	1
PVP5058	1	4.75	3.3	4	4.1	0	3.4	5	4.4	0	3.7	6	4.7	1	5/8	1VP50 x 5/8	EA	1
PVP5078	2	4.75	3.3	4	4.1	0	3.4	5	4.4	0	3.7	6	4.7	1	7/8	1VP50 x 7/8	EA	1
PVP50118	2	4.75	3.3	4	4.1	0	3.4	5	4.4	0	3.7	6	4.7	1	1-1/8	1VP50 x 1-1/8	EA	1
PVP5658	1	5.35	3.9	4	4.7	0	4	5	5.0	0	4.3	6	5.3	1	5/8	1VP56 x 5/8	EA	1
PVP5678	2	5.35	3.9	4	4.7	0	4	5	5.0	0	4.3	6	5.3	1	7/8	1VP56 x 7/8	EA	1
PVP56118	2	5.35	3.9	4	4.7	0	4	5	5.0	0	4.3	6	5.3	1	1-1/8	1VP56 x 1-1/8	EA	1
PVP6078	2	6.00	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	7/8	1VP60 x 7/8	EA	1
PVP60118	2	6.00	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	1-1/8	1VP60 x 1-1/8	EA	1
PVP60138	2	6.00	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	1-3/8	1VP60 x 1-3/8	EA	1
PVP62118	2	5.95	4.5	4	5.3	0	4.6	5	5.7	0	4.8	6	5.9	0	1-1/8	1VP62 x 1-1/8	EA	1
PVP62138	2	5.95	4.5	4	5.3	0	4.6	5	5.7	0	4.8	6	5.9	0	1-3/8	1VP62 x 1-3/8	EA	1
PVP6278	2	5.95	4.5	4	5.3	0	4.6	5	5.7	0	4.8	6	5.9	0	7/8	1VP62 x 7/8	EA	1
PVP65118	2	6.5	—	—	—	—	4.7	5	5.7	0	4.8	6	6.0	0	1-1/8	1VP65 x 1-1/8	EA	1
PVP68118	2	6.55	5.1	4	5.9	0	5.2	5	6.2	0	5.5	6	6.5	1	1-1/8	1VP68 x 1-1/8	EA	1
PVP75138	2	7.5	—	—	—	—	5.7	5	6.7	0	5.8	6	7.0	0	1-3/8	1VP75 x 1-3/8	EA	1

PULLEYS CONT'D

Stock P2VP Variable Pitch Double Groove Pulleys

Features

Fitted with hollow head set screws
Any standard double groove Packard Drive
Pulley can be used as a companion pulley



P2VP6278

Packard

			3L BELTS				4L OR A BELTS				5L OR B BELTS							
CATALOG NO.	TYPE	O.D. (IN.)	MIN. PITCH	MIN. TURNS OPEN	MAX. PITCH	MAX. TURNS OPEN	MIN. DATUM	MIN. TURNS OPEN	MAX. DATUM	MAX. TURNS OPEN	MIN. DATUM	MIN. TURNS OPEN	MAX. DATUM	MAX. TURNS OPEN	STOCK BORE (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
P2VP3658	4	3.95	1.9	4	2.7	0	2	5	3	0	2.5	5	3.3	1	5/8	2VP36 x 5/8	EA	1
P2VP3678	4	3.95	1.9	4	2.7	0	2	5	3	0	2.5	5	3.3	1	7/8	2VP36 x 7/8	EA	1
P2VP4258	4	3.95	2.5	4	3.3	0	2.6	5	3.6	0	2.9	6	3.9	1	5/8	2VP42 x 5/8	EA	1
P2VP4278	4	3.95	2.5	4	3.3	0	2.6	5	3.6	0	2.9	6	3.9	1	7/8	2VP42 x 7/8	EA	1
P2VP42118	4	3.95	2.5	4	3.3	0	2.6	5	3.6	0	2.9	6	3.9	1	1-1/8	2VP42 x 1-1/8	EA	1
P2VP5058	5	4.75	3.3	4	4.1	0	3.4	5	4.4	0	3.7	6	4.7	1	5/8	2VP50 x 5/8	EA	1
P2VP5078	5	4.75	3.3	4	4.1	0	3.4	5	4.4	0	3.7	6	4.7	1	7/8	2VP50 x 7/8	EA	1
P2VP50118	5	4.75	3.3	4	4.1	0	3.4	5	4.4	0	3.7	6	4.7	1	1-1/8	2VP50 x 1-1/8	EA	1
P2VP5678	5	5.35	3.9	4	4.7	0	4	5	5	0	4.3	6	5.3	1	7/8	2VP56 x 7/8	EA	1
P2VP56118	5	5.35	3.9	4	4.7	0	4	5	5	0	4.3	6	5.3	1	1-1/8	2VP56 x 1-1/8	EA	1
P2VP6278	5	5.95	4.5	4	5.3	0	4.6	5	5.6	0	4.9	6	5.9	1	7/8	2VP62 x 7/8	EA	1
P2VP60118	5	6	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	1-1/8	2VP60 x 1-1/8	EA	1
P2VP60138	5	6	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	1-3/8	2VP60 x 1-3/8	EA	1
P2VP60158	5	6	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	1-5/8	2VP60 x 1-5/8	EA	1
P2VP62118	5	6	4.5	4	5.3	0	4.6	5	5.6	0	4.9	6	5.9	1	1-1/8	2VP62 x 1-1/8	EA	1
P2VP65118	5	5.95	—	—	—	—	4.7	5	5.7	0	4.8	6	6	0	1-1/8	2VP65 x 1-1/8	EA	1
P2VP68118	5	6.5	5.1	4	5.9	0	5.2	5	6.2	0	5.5	6	6.5	1	1-1/8	2VP68 x 1-1/8	EA	1
P2VP71118	5	7.1	—	—	—	—	5.3	5	6.3	0	5.4	6	6.6	1	1-1/8	2VP71 x 1-1/8	EA	1
P2VP71138	5	7.1	—	—	—	—	5.3	5	6.3	0	5.4	6	6.6	1	1-3/8	2VP71 x 1-3/8	EA	1
P2VP71158	5	7.1	—	—	—	—	5.5	5	6.5	0	5.8	6	7	0	1-5/8	2VP71 x 1-5/8	EA	1
P2VP75138	5	7.1	—	—	—	—	5.7	5	6.7	0	5.8	6	7	0	1-3/8	2VP75 x 1-3/8	EA	1

PULLEYS CONT'D

Two Groove Pulleys for 4L or A Belts



P2AK46H

Packard

Features

3L belts may be used with these pulleys

CATALOG NO.	DIAM. (IN.) O.D.	DATUM A	PITCH 3L	TYPE	DIMENSIONS (IN.) O.L.	F	L	P	C	X	G	E	DIRECT REPLACEMENMT FOR BROWNING	UOM	OM
P2AK30H	3.05	2.8	2.46	1	2-7/16	1-3/8	1-1/4	7/8	15/16	7/8	7/16	3/16	2AK30H	EA	1
P2AK39H	3.75	3.5	3.16	1	2	1-3/8	1-1/4	716	1/2	7/8	7/16	3/16	2AK39H	EA	1
P2AK41H	3.95	3.7	3.36	2	1-1/2	1-3/8	1-1/4	1/16	—	7/8	7/16	3/16	2AK41H	EA	1
P2AK46H	4.45	4.2	3.86	2	1-1/2	1-3/8	1-1/4	1/16	—	7/8	7/16	3/16	2AK46H	EA	1
P2AK54H	5.25	5.0	4.66	2	1-1/2	1-3/8	1-1/4	1/16	—	7/8	7/16	3/16	2AK54H	EA	1
P2AK56H	5.45	5.2	4.86	2	1-1/2	1-3/8	1-1/4	1/16	—	7/8	7/16	3/16	2AK56H	EA	1

Two Groove Pulleys for 4L or A Belts and 5L or B Belts



P2BK3058

Packard

Features

Packard drive “P2BK” sheaves accurately machined from grained cast iron, statically balanced, painted and individually packaged
Furnished with standard keyway and hollow head set screws

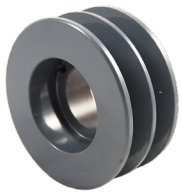
CATALOG NO.	DIAM. (IN.) O.D.	DATUM A	DATUM B	TYPE	STOCK BORE (IN.)	DIMENSIONS (IN.) F	L	P	C	DIRECT REPLACEMENT FOR BROWNING	UOM	OM
P2BK2558	2.6	2	2.4	1	5/8	1-3/4	1-31/32	15/32	1/4	2BK2558	EA	1
P2BK28118	2.95	2.2	2.6	1	1-1/8	1-3/4	1-31/32	15/32	1/4	2BK28118	EA	1
P2BK3058	3.15	2.4	2.8	1	5/8	1-3/4	1-31/32	15/32	1/4	2BK3058	EA	1
P2BK30118	3.15	2.4	2.8	1	5/8	1-3/4	1-31/32	15/32	1/4	2BK30118	EA	1
P2BK34118	3.55	2.8	3.2	1	1-1/8	1-3/4	1-31/32	15/32	1/4	2BK34118	EA	1
P2BK3658	3.75	3	3.4	1	5/8	1- 3/4	1-31/32	15/32	1/4	2BK3658	EA	1
P2BK4058	3.95	3.2	3.6	2	5/8	1-3/4	1-15/32	15/32	3/4	2BK4058	EA	1
P2BK4558	4.25	3.5	3.9	2	5/8	1-3/4	1-15/32	15/32	3/4	2BK4558	EA	1
P2BK5058	4.75	4	4.4	2	5/8	1-3/4	1-15/32	15/32	3/4	2BK5058	EA	1
P2BK5558	5.25	4.5	4.9	2	5/8	1-3/4	1-15/32	15/32	3/4	BK5558	EA	1
P2BK1001	9.75	9.0	9.40	3	1	1-3/4	1-19/32	11/32	1/2	BK1001	EA	1
P2BK1301716	12.75	12.0	12.4	3	1-7/16	1-3/4	1-19/32	11/32	1/2	BK1301716	EA	1

PULLEYS CONT'D

Light Duty Bush Type Pulley

Features

2 Groove



P2BK40H

Packard

CATALOG NO.	DIAM. (IN.) O.D.	DATUM A	DATUM B	TYPE	DIMENSIONS (IN.) O.L.	F	L	P	C	X	G	E	DIRECT REPLACEMENT FOR BROWNING	UOM	OM
P2BK32H	3.35	2.6	3	1	2-13/16	1-3/4	1-1/4	7/8	15/16	7/8	7/16	3/16	2BK32H	EA	1
P2BK34H	3.55	2.8	3.2	1	2-13/16	1-3/4	1-1/4	7/8	15/16	7/8	7/16	3/16	2BK34H	EA	1
P2BK36H	3.75	3.0	3.4	1	2-13/16	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK36H	EA	1
P2BK40H	3.95	3.2	3.6	1	2-13/16	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK40H	EA	1
P2BK45H	4.25	3.5	3.9	1	2-13/16	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK45H	EA	1
P2BK47H	4.45	3.7	4.1	2	1-3/4	1-3/4	1-1/4	7/16	—	7/8	7/16	3/16	2BK47H	EA	1
P2BK50H	4.75	4.0	4.4	2	1-3/4	1-3/4	1-1/4	7/16	—	7/8	7/16	3/16	2BK50H	EA	1
P2BK52H	4.95	4.2	4.6	2	1-3/4	1-3/4	1-1/4	7/16	—	7/8	7/16	3/16	2BK52H	EA	1
P2BK55H	5.25	4.5	4.9	2	1-3/4	1-3/4	1-1/4	7/16	—	7/8	7/16	3/16	2BK55H	EA	1
P2BK57H	5.45	4.7	5.1	2	1-3/4	1-3/4	1-1/4	7/16	—	7/8	7/16	3/16	2BK57H	EA	1
P2BK62H	5.95	5.2	5.6	2	1-3/4	1-3/4	1-1/4	7/16	—	7/8	7/16	3/16	2BK62H	EA	1
P2BK65H	6.25	5.5	5.9	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK65H	EA	1
P2BK67H	6.45	5.7	6.1	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK67H	EA	1
P2BK70H	6.75	6.0	6.4	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK70H	EA	1
P2BK80H	7.75	7.0	7.4	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK80H	EA	1
P2BK90H	8.75	8.0	8.4	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK90H	EA	1
P2BK100H	9.75	9.0	9.4	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK100H	EA	1
P2BK120H	11.75	11.0	11.4	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK120H	EA	1
P2BK130H	12.75	12.0	12.4	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK130H	EA	1
P2BK140H	13.75	13.0	13.4	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK140H	EA	1
P2BK160H	15.75	15.0	15.4	3	1-3/4	1-3/4	1-1/4	7/16	7/8	7/8	7/16	3/16	2BK160H	EA	1

PULLEYS CONT'D

PVL Variable Pitch Pulleys

Features

Adjust the size of the pulley based on needed air flow or speed required
Furnished with standard keyway and hollow head set screws
(All set screws are 5/16-18 knurled)

BORE RANGE (IN.)	KEYWAY (IN.)
1/2	None
5/8 - 7/8	3/16 x 3/32
1-5/16 - 1-1/4	1/4 x 1/8
1-7/16	3/8 x 3/16



PVL2512

Packard

		3L BELTS				4L OR A BELTS				5L OR B BELTS							
CATALOG NO.	O.D. (IN.)	MIN. PITCH	MIN. TURNS OPEN	MAX. PITCH	MAX. TURNS OPEN	MIN. DATUM	MIN. TURNS OPEN	MAX. DATUM	MAX. TURNS OPEN	MIN. TURNS OPEN	MIN. DATUM	MAX. DATUM	MAX. TURNS OPEN	STOCK BORE (IN.)	DIRECT REPLACEMENT FOR BROWNING	UOM	OM
PVL2512	2.5	1.6	4	2.4	0	—	—	—	—	—	—	—	—	1/2	1VL25 x 1/2	EA	1
PVL2558	2.5	1.6	4	2.4	0	—	—	—	—	—	—	—	—	5/8	1VL25 x 5/8	EA	1
PVL3012	2.87	1.8	4	2.7	0	—	—	—	—	—	—	—	—	1/2	1VL30 x 1/2	EA	1
PVL3058	2.87	1.8	4	2.7	0	—	—	—	—	—	—	—	—	5/8	1VL30 x 5/8	EA	1
PVL3412	3.15	1.7	4	2.5	0	1.9	5	2.9	0	5	2.4	3.2	1	1/2	1VL34 x 1/2	EA	1
PVL3434	3.15	1.7	4	2.5	0	1.9	5	2.9	0	5	2.4	3.2	1	3/4	1VL34 x 3/4	EA	1
PVL3458	3.15	1.7	4	2.5	0	1.9	5	2.9	0	5	2.4	3.2	1	5/8	1VL34 x 5/8	EA	1
PVL4012	3.75	2.3	4	3.1	0	2.4	5	3.4	0	6	2.7	4.1	1	1/2	1VL40 x 1/2	EA	1
PVL4034	3.75	2.3	4	3.1	0	2.4	5	3.4	0	6	2.7	4.1	1	3/4	1VL40 x 3/4	EA	1
PVL4058	3.75	2.3	4	3.1	0	2.4	5	3.4	0	6	2.7	4.1	1	5/8	1VL40 x 5/8	EA	1
PVL4078	3.75	2.3	4	3.1	0	2.4	5	3.4	0	6	2.7	4.1	1	7/8	1VL40 x 7/8	EA	1
PVL4412	4.15	2.7	4	3.5	0	2.8	5	3.8	0	6	3.1	4.1	1	1/2	1VL44 x 1/2	EA	1
PVL4434	4.15	2.7	4	3.5	0	2.8	5	3.8	0	6	3.1	4.1	1	3/4	1VL44 x 3/4	EA	1
PVL4458	4.15	2.7	4	3.5	0	2.8	5	3.8	0	6	3.1	4.1	1	5/8	1VL44 x 5/8	EA	1
PVL4478	4.15	2.7	4	3.5	0	2.8	5	3.8	0	6	3.1	4.1	1	7/8	1VL44 x 7/8	EA	1

PAL Pulleys For 4L Or A Belts

BORE RANGE (IN.)	KEYWAY (IN.)
1/2	None
5/8 - 7/8	3/16 x 3/32
1-5/16 - 1-1/4	1/4 x 1/8
1-7/16	3/8 x 3/16



PAL9434

Packard

	DIAMETER (IN.)			DIMENSIONS (IN.)			DIRECT REPLACEMENT		
CATALOG NO.	O.D.	PITCH	STOCK BORE (IN.)	F	P	L	FOR BROWNING	UOM	OM
PAL541	4.93	4.78	1	19/32	15/32	1-1/16	AL541	EA	1
PAL5434	4.93	4.78	3/4	19/32	15/32	1-1/16	AL5434	EA	1
PAL5458	4.93	4.78	5/8	19/32	15/32	1-1/16	AL5458	EA	1
PAL6434	5.93	5.78	3/4	19/32	15/32	1-1/16	AL6434	EA	1
PAL6458	5.93	5.78	5/8	19/32	15/32	1-1/16	AL6458	EA	1
PAL641	5.93	5.78	1	19/32	15/32	1-1/16	AL641	EA	1
PAL7434	6.93	6.78	3/4	19/32	15/32	1-1/16	AL7434	EA	1
PAL741	6.93	6.78	1	19/32	15/32	1-1/16	AL741	EA	1
PAL8434	7.93	7.78	3/4	19/32	15/32	1-1/16	AL8434	EA	1
PAL841	7.93	7.78	1	19/32	15/32	1-1/16	AL841	EA	1
PAL8458	8.25	7.78	5/8	19/32	15/32	1-1/16	AL8458	EA	1
PAL9434	8.93	8.78	3/4	19/32	15/32	1-1/16	AL9434	EA	1
PAL941	8.93	8.78	1	19/32	15/32	1-1/16	AL941	EA	1
PAL1041	9.93	9.78	1	19/32	15/32	1-1/16	AL1041	EA	1
PAL10434	9.93	9.78	3/4	19/32	15/32	1-1/16	AL10434	EA	1
PAL11434	10.93	10.78	3/4	19/32	15/32	1-1/16	AL11434	EA	1
PAL1141	10.93	10.78	1	19/32	15/32	1-1/16	AL1141	EA	1
PAL12434	11.93	11.78	3/4	19/32	15/32	1-1/16	AL12434	EA	1
PAL1241	11.93	11.78	1	19/32	15/32	1-1/16	AL1241	EA	1

Note: Do not use "A" Gripnotch Belt Ratings with "AL" or "AM" sheaves.

PULLEYS CONT'D

Single Groove Pulleys For 4L Or A Belts

Features

PACKARD DRIVE "PAK", "PBK", "PAKH" and "PBKH" pulleys accurately machined from grained cast iron, statically balanced, painted and individually packaged

Furnished with standard keyway and hollow head set screws

3L belts may be used with these pulleys

BORE RANGE (IN.)	KEYWAY (IN.)
1/2	None
5/8 - 7/8	3/16 x 3/32
1-5/16 - 1-1/4	1/4 x 1/8
1-7/16	3/8 x 3/16



PAK3034

Packard

	DIAMETER (IN.)					DIMENSIONS (IN.)				DIRECT REPLACEMENT		
CATALOG NO.	O.D.	DATUM A	PITCH 3L	TYPE	STOCK BORE (IN.)	F	L	P	C	FOR BROWNING	UOM	OM
PAK1712	1.75	1.5	1.16	1	1/2	21/32	15/16	7/16	5/32	AK1712	EA	1
PAK1758	1.75	1.5	1.16	1	5/8	21/32	15/16	7/16	5/32	AK1758	EA	1
PAK2012	2	1.8	1.46	1	1/2	21/32	15/16	7/16	5/32	AK2012	EA	1
PAK2058	2	1.8	1.46	1	5/8	21/32	15/16	7/16	5/32	AK2058	EA	1
PAK2158	2.10	1.9	1.56	1	5/8	21/32	15/16	7/16	5/32	AK2158	EA	1
PAK2212	2.2	2	1.66	1	1/2	21/32	15/16	7/16	5/32	AK2212	EA	1
PAK2258	2.2	2	1.66	1	5/8	21/32	15/16	7/16	5/32	AK2258	EA	1
PAK2312	2.3	2.1	1.76	1	1/2	21/32	15/16	7/16	5/32	AK2312	EA	1
PAK2358	2.3	2.1	1.76	1	5/8	21/32	15/16	7/16	5/32	AK2358	EA	1
PAK2512	2.5	2.3	1.96	2	1/2	21/32	15/16	7/16	5/32	AK2512	EA	1
PAK2558	2.5	2.3	1.96	2	5/8	21/32	15/16	7/16	5/32	AK2558	EA	1
PAK2634	2.6	2.4	2.06	2	3/4	21/32	15/16	7/16	5/32	AK2634	EA	1
PAK2712	2.7	2.5	2.16	2	1/2	21/32	15/16	7/16	5/32	AK2712	EA	1
PAK2758	2.7	2.5	2.16	2	5/8	21/32	15/16	7/16	5/32	AK2758	EA	1
PAK2812	28	2.6	2.26	2	1/2	21/32	15/16	7/16	5/32	AK2812	EA	1
PAK2858	2.8	2.6	2.26	2	5/8	21/32	15/16	7/16	5/32	AK2858	EA	1
PAK3012	3.05	2.8	2.46	2	1/2	21/32	15/16	7/16	5/32	AK3012	EA	1
PAK3058	3.05	2.8	2.46	2	5/8	21/32	15/16	7/16	5/32	AK3058	EA	1
PAK3034	3.05	2.8	2.46	2	3/4	21/32	15/16	7/16	5/32	AK3034	EA	1
PAK3258	3.25	3	2.66	2	5/8	21/32	15/16	7/16	5/32	AK3258	EA	1
PAK3412	3.45	3.2	2.86	2	1/2	21/32	15/16	7/16	5/32	AK3412	EA	1
PAK3458	3.45	3.2	2.86	2	5/8	21/32	15/16	7/16	5/32	AK3458	EA	1
PAK3478	3.45	3.2	2.86	2	7/8	21/32	15/16	7/16	5/32	AK3478	EA	1
PAK3958	3.75	3.5	3.16	2	5/8	3/4	1-5/32	15/32	1/16	AK3958	EA	1
PAK3978	3.75	3.5	3.16	2	7/8	3/4	1-5/32	15/32	1/16	AK3978	EA	1
PAK4134	3.95	3.7	3.36	2	3/4	3/4	1-5/32	15/32	1/16	AK4134	EA	1
PAK4158	3.95	3.7	3.36	2	5/8	3/4	1-5/32	15/32	1/16	AK4158	EA	1
PAK4178	3.95	3.7	3.36	2	7/8	3/4	1-5/32	15/32	1/16	AK4178	EA	1

Note: Do not use PAK sheaves with bores 1" and under with cogged belt ratings.

Visit DiversiTech.com for full offering.

PULLEYS CONT'D

Single Groove Pulleys For 4L Or A Belts (cont.)



PAK5178

Packard

Features

PACKARD DRIVE “PAK”, “PBK”, “PAKH” and “PBKH” pulleys accurately machined from grained cast iron, statically balanced, painted and individually packaged

Furnished with standard keyway and hollow head set screws

3L belts may be used with these pulleys

BORE RANGE (IN.)	KEYWAY (IN.)
1/2	None
5/8 - 7/8	3/16 x 3/32
1-5/16 - 1-1/4	1/4 x 1/8
1-7/16	3/8 x 3/16

	DIAM. (IN.)					DIMENSIONS (IN.)				DIRECT REPLACEMENT		
CATALOG NO.	O.D.	DATUM A	PITCH 3L	TYPE	STOCK BORE (IN.)	F	L	P	C	FOR BROWNING	UOM	OM
PAK4458	4.25	4	3.66	3	5/8	3/4	1-5/32	15/32	1/16	AK4458	EA	1
PAK4658	4.45	4.2	3.86	3	5/8	3/4	1-5/32	15/32	1/16	AK4658	EA	1
PAK4678	4.45	4.2	3.86	3	7/8	3/4	1-5/32	15/32	1/16	AK4658	EA	1
PAK5158	4.95	4.7	4.36	3	5/8	3/4	1-5/32	15/32	1/16	AK5158	EA	1
PAK5178	4.95	4.7	4.36	3	7/8	3/4	1-5/32	15/32	1/16	AK5178	EA	1
PAK5434	5.25	5.0	4.66	3	3/4	3/4	1-5/32	15/32	1/16	AK5434	EA	1
PAK5634	5.45	5.2	4.86	3	3/4	3/4	1-5/32	15/32	1/16	AK5634	EA	1
PAK5978	5.75	5.5	5.16	3	7/8	3/4	1-5/32	15/32	1/16	AK5978	EA	1
PAK6134	5.95	5.7	5.36	3	3/4	3/4	1-5/32	15/32	1/16	AK6134	EA	1
PAK6158	5.95	5.7	5.36	3	5/8	3/4	1-5/32	15/32	1/16	AK6158	EA	1
PAK6178	5.95	5.7	5.36	3	7/8	3/4	1-5/32	15/32	1/16	AK6178	EA	1
PAK6458	6.25	6	5.66	3	5/8	3/4	1-5/32	15/32	1/16	AK6458	EA	1
PAK7434	7.25	7	6.66	3	3/4	3/4	1-5/32	23/32	0	AK7434	EA	1
PAK8934	8.75	8.5	8.16	3	3/4	3/4	1-15/32	23/32	0	AK8934	EA	1

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PULLEYS CONT'D

Single Groove Pulleys For 4L Or A Belts and 5L Or B Belts



PBK2812

Packard

Features

PACKARD DRIVE "PBK" pulleys accurately machined from grained cast iron, statically balanced, painted and individually packaged

Furnished with standard keyway and hollow head set screws

BORE RANGE (IN.)	KEYWAY (IN.)
1/2	None
5/8 - 7/8	3/16 x 3/32
1-5/16 - 1-1/4	1/4 x 1/8
1-7/16	3/8 x 3/16

	DIAMETER (IN.)					DIMENSIONS (IN.)				DIRECT REPLACEMENT FOR		
CATALOG NO.	O.D.	DATUM A	DATUM B	TYPE	STOCK BORE (IN.)	F	L	P	C	BROWNING	UOM	OM
PBK2258	2.4	1.8	2.2	1	5/8	13/16	1-1/16	13/32	5/32	BK2258	EA	1
PBK2512	2.5	1.9	2.3	1	1/2	13/16	1-1/16	13/32	5/32	BK2512	EA	1
PBK2534	2.5	1.9	2.3	1	3/4	13/16	1-1/16	13/32	5/32	BK2534	EA	1
PBK2558	2.5	1.9	2.3	1	5/8	13/16	1-1/16	13/32	5/32	BK2558	EA	1
PBK2578	2.5	1.9	2.3	1	7/8	13/16	1-1/16	13/32	5/32	BK2578	EA	1
PBK2678	2.6	2.0	2.4	1	7/8	13/16	1-1/16	13/32	5/32	BK2678	EA	1
PBK2758	2.7	2.1	2.5	2	5/8	13/16	1-1/16	13/32	5/32	BK2758	EA	1
PBK2812	2.95	2.2	2.6	2	1/2	13/16	1-1/16	13/32	5/32	BK2812	EA	1
PBK2858	2.95	2.2	2.6	2	5/8	13/16	1-1/16	13/32	5/32	BK2858	EA	1
PBK2878	2.95	2.2	2.6	2	7/8	13/16	1-1/16	13/32	5/32	BK2878	EA	1
PBK3012	3.15	2.4	2.8	2	1/2	13/16	1-1/16	13/32	5/32	BK3012	EA	1
PBK3058	3.15	2.4	2.8	2	5/8	13/16	1-1/16	13/32	5/32	BK3058	EA	1
PBK3078	3.15	2.4	2.8	2	7/8	13/16	1-1/16	13/32	5/32	BK3078	EA	1
PBK3258	3.35	2.6	3	2	5/8	13/16	1-1/16	13/32	5/32	BK3258	EA	1
PBK3234	3.35	2.6	3	2	3/4	13/16	1-1/16	13/32	5/32	BK3234	EA	1
PBK3278	3.35	2.6	3	2	7/8	13/16	1-1/16	13/32	5/32	BK3278	EA	1

Note: Do not use PBK sheaves with bores 1" and under with cogged belt ratings.

PULLEYS CONT'D

Single Groove Pulleys For 4L Or A Belts and 5L Or B Belts



PBK3658

Packard

Features

PACKARD DRIVE "PBK" pulleys accurately machined from grained cast iron, statically balanced, painted and individually packaged

Furnished with standard keyway and hollow head set screws

BORE RANGE (IN.)	KEYWAY (IN.)
1/2	None
5/8 - 7/8	3/16 x 3/32
1-5/16 - 1-1/4	1/4 x 1/8
1-7/16	3/8 x 3/16

	DIAM. (IN.)					DIMENSIONS (IN.)				DIRECT REPLACEMENT FOR		
CATALOG NO.	O.D.	DATUM A	DATUM B	TYPE	STOCK BORE (IN.)	F	L	P	C	BROWNING	UOM	OM
PBK3412	3.55	2.8	3.2	2	1/2	7/8	1-5/32	13/32	1/8	BK3412	EA	1
PBK3458	3.55	2.8	3.2	2	5/8	7/8	1-5/32	13/32	1/8	BK3458	EA	1
PBK3658	3.75	3	3.4	2	5/8	7/8	1-5/32	13/32	1/8	BK3658	EA	1
PBK4058	3.95	3.2	3.6	2	5/8	7/8	1-5/32	13/32	1/8	BK4058	EA	1
PBK4078	3.95	3.2	3.6	2	7/8	7/8	1-5/32	13/32	1/8	BK4078	EA	1
PBK4758	4.45	3.7	4.1	2	5/8	7/8	1-5/32	13/32	1/8	BK4758	EA	1
PBK47118	4.45	3.7	4.1	2	1-1/8	7/8	1-5/32	13/32	1/8	BK47118	EA	1
PBK50118	4.75	4.0	4.3	3	1-1/8	7/8	1-5/32	13/32	1/8	BK50118	EA	1
PBK5278	4.95	4.2	4.6	3	7/8	7/8	1-5/32	13/32	1/8	BK5278	EA	1
PBK6058	5.75	5	5.4	3	5/8	7/8	1-5/32	13/32	1/8	BK6058	EA	1
PBK6034	5.75	5	5.4	3	3/4	7/8	1-5/32	13/32	1/8	BK6034	EA	1
PBK6078	5.75	5	5.4	3	7/8	7/8	1-5/32	13/32	1/8	BK6078	EA	1
PBK6234	5.95	5.2	5.6	3	3/4	7/8	1-5/32	13/32	1/8	BK6234	EA	1
PBK6534	6.25	5.5	5.9	3	3/4	7/8	1-5/32	13/32	1/8	BK6534	EA	1
PBK7534	7.25	6.5	6.9	3	3/4	7/8	1-15/32	21/32	1/16	BK7534	EA	1

Note: Do not use PBK sheaves with bores 1" and under with cogged belt ratings.

PULLEYS CONT'D

Single Groove Pulleys

Features

3L belts may be used with these pulleys



PAK66H

Packard

	DIAMETER (IN.)				DIMENSIONS (IN.)								DIRECT REPLACEMENT FOR		
CATALOG NO.	O.D.	DATUM A	PITCH 3L	TYPE	O.L.	F	L	P	C	X	G	E	BROWNING	UOM	OM
PAK30H	3.05	2.8	2.46	1	1-13/16	3/4	1-1/4	7/8	—	1-3/16	7/16	3/16	AK30H	EA	1
PAK32H	3.25	3.0	2.66	1	1-13/16	3/4	1-1/4	7/8	—	1-3/16	7/16	3/16	AK32H	EA	1
PAK34H	3.45	3.2	2.86	1	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK34H	EA	1
PAK39H	3.75	3.5	3.16	2	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK39H	EA	1
PAK41H	3.95	3.7	3.36	2	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK41H	EA	1
PAK44H	4.25	4	3.66	2	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK44H	EA	1
PAK46H	4.45	4.2	3.86	2	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK46H	EA	1
PAK49H	4.75	4.5	4.16	2	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK49H	EA	1
PAK51H	4.95	4.7	4.36	2	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK51H	EA	1
PAK54H	5.25	5	4.66	2	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK54H	EA	1
PAK56H	5.45	5.2	4.86	2	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK56H	EA	1
PAK59H	5.75	5.5	5.16	2	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK59H	EA	1
PAK61H	5.95	5.7	5.36	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK61H	EA	1
PAK64H	6.25	6	5.66	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK64H	EA	1
PAK66H	6.45	6.2	5.86	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK66H	EA	1
PAK69H	6.75	6.5	6.16	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK69H	EA	1
PAK71H	6.95	6.7	6.36	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK71H	EA	1
PAK74H	7.25	7	6.66	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK74H	EA	1
PAK79H	7.75	7.5	7.16	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK79H	EA	1
PAK84H	8.25	8	7.66	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK84H	EA	1
PAK89H	8.75	8.5	8.16	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK89H	EA	1
PAK94H	9.25	9.0	8.66	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK94H	EA	1
PAK99H	9.75	9.5	9.16	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK99H	EA	1
PAK114H	11.25	11	10.66	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK114H	EA	1
PAK124H	12.25	12	11.66	3	1-1/2	3/4	1-1/4	9/16	—	7/8	7/16	3/16	AK124H	EA	1

PULLEYS CONT'D

Single Groove Pulleys

Features

3L belts may be used with these pulleys



PBK62H

Packard

	DIAM. (IN.)				DIMENSIONS (IN.)								DIRECT REPLACEMENT FOR		
CATALOG NO.	O.D.	DATUM A	DATUM B	TYPE	O.L.	F	L	P	C	X	G	E	BROWNING	UOM	OM
PBK30H	3.15	2.4	2.8	1	1-15/16	7/8	1-1/4	7/8	—	1-5/16	7/16	3/16	BK30H	EA	1
PBK32H	3.35	2.6	3	1	1-15/16	7/8	1-1/4	7/8	—	1-5/16	7/16	3/16	BK32H	EA	1
PBK34H	3.55	2.8	3.2	1	1-15/16	7/8	1-1/4	7/16	—	1-5/16	7/16	3/16	BK34H	EA	1
PBK36H	3.75	3	3.4	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK36H	EA	1
PBK40H	3.95	3.2	3.6	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK40H	EA	1
PBK45H	4.25	3.5	3.9	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK45H	EA	1
PBK47H	4.45	3.7	4.1	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK47H	EA	1
PBK50H	4.75	4	4.4	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK50H	EA	1
PBK52H	4.95	4.2	4.6	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK52H	EA	1
PBK55H	5.25	4.5	4.9	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK55H	EA	1
PBK57H	5.45	4.7	5.1	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK57H	EA	1
PBK60H	5.75	5	5.4	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK60H	EA	1
PBK62H	5.95	5.2	5.6	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK62H	EA	1
PBK65H	6.25	5.5	5.9	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK65H	EA	1
PBK67H	6.45	5.7	6.1	2	1-1/2	7/8	1-1/4	7/16	—	7/8	7/16	3/16	BK67H	EA	1
PBK70H	6.75	6	6.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK70H	EA	1
PBK72H	6.95	6.2	6.6	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK72H	EA	1
PBK75H	7.25	6.5	6.9	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK75H	EA	1
PBK77H	7.45	6.7	7.1	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK77H	EA	1
PBK80H	7.75	7	7.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK80H	EA	1
PBK85H	8.25	7.5	7.9	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK85H	EA	1
PBK90H	8.75	8	8.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK90H	EA	1
PBK95H	9.25	8.5	8.9	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK95H	EA	1
PBK100H	9.75	9	9.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK100H	EA	1
PBK105H	10.25	9.5	9.9	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK105H	EA	1
PBK110H	10.75	10	10.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK110H	EA	1
PBK120H	11.75	11	11.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK120H	EA	1
PBK130H	12.75	12	12.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK130H	EA	1
PBK140H	13.75	13	13.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK140H	EA	1
PBK150H	14.75	14	14.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK150H	EA	1
PBK160H	15.75	15	15.4	3	1-9/16	7/8	1-1/4	1/2	1/16	7/8	7/16	3/16	BK160H	EA	1

DUCT BOOSTERS

Duct Fan Boosters



625-AF10

The DiversiTech® duct fan is an efficient way to increase air circulation, keep room temperatures consistent, and lower heating and cooling costs. Its metal construction has a powerful no-maintenance motor at 60w and 650 CFM. It installs into any 120v system and includes detailed instructions, templates, and diagrams.

Features

Quick and easy installation
Permanently lubricated
Saves on utility bills year round

CATALOG NO.	DIAMETER (IN.)	MAX AIRFLOW (CFM)	WATTS	UOM	OM
625-AF10	10	650	35	EA	4
625-AF12	12	975	65	EA	2
625-AF14	14	1350	65	EA	1
625-AF6	6	240	37	EA	4
625-AF8	8	420	37	EA	4

Duct Fan Boosters



DF9010

The DiversiTech® duct fan is an efficient way to increase air circulation, keep room temperatures consistent, and lower heating and cooling costs. Its metal construction has a powerful no-maintenance motor at 60w and 650 CFM. It installs into any 120v system and includes detailed instructions, templates, and diagrams.

Features

Connect with either high or low speed
Fits flexible and rigid ducts while featuring a crimp and bead design
Corrosion resistant material

CATALOG NO.	DIAMETER (IN.)	MAX AIRFLOW (CFM*)	VOLT	UOM	OM
DF9010	10	315	120	EA	1
DF9012	12	507	120	EA	1
DF9014	14	532	120	EA	1
DF906	6	163	120	EA	1
DF908	8	235	120	EA	1

***Output based on AMCA 210 testing**

FANTECH - ROOF VENTILATORS

Direct Drive Downblast Power Roof Ventilators

The replacement screen for the DBLT4W dryer booster lint trap.

Features

All ventilators are UL 705 listed
One-piece removable exhaust hood
Inlet temperatures up to 170°F
Backward inclined aluminum fan wheel
Equipped with a built-in bird screen to protect discharge
Externally cooled motor compartment



5DDD085A

fantech® a systemair company

CATALOG NO.	DESCRIPTION	HP	BASE PALTE	UOM	OM
5DDD10AA	Downblast Roof Fan	1/6	–	EA	1
5DDD12CA	Downblast Roof Fan	1/3	22 x 22	EA	1
5DDD13DB	Downblast Roof Fan	1/2	22 x 22	EA	1
5DDD16DB	Downblast Roof Fan	1/2	26 x 26	EA	1
5DDD085A	Downblast Roof Fan	1/25	–	EA	1

Axial Exhaust Power Roof Ventilators

Operating Mode: 115V 1~ 60Hz

Features

UL 705 Listed
High Temperature Compatible
Built-in Bird Screen
Externally Cooled Motor



5ADE102A

fantech® a systemair company

CATALOG NO.	DESCRIPTION	INSULATION CLASS	MOTOR TYPE	UOM	OM
5ADE102A	Axial Exhaust Power Roof Ventilators	B	AC	EA	1

Belt Drive Upblast Power Roof Ventilators

Operating Mode: 115V 1~ 60Hz

Features

All ventilators are UL 705 listed for electrical and UL 762 listed for restaurant exhaust in the USA only
Models 5BDU10 - 5BDU24 are suitable for wall application
Inlet temperatures up to 300°F
Fully welded windband
Externally cooled motor compartment



5BDU15EB-A

fantech® a systemair company

CATALOG NO.	DESCRIPTION	INSULATION CLASS	MOTOR TYPE	UOM	OM
5BDU15EB-A	Belt Drive Upblast Power Roof Ventilators	B	AC	EA	1

FANTECH - ROOF CURBS

RC Roof Cap

The Roof Cap (RC..P) is designed for installation on sloped roofs. Includes a ¼" discharge screen, aluminum backdraft damper with rubber gasket, and 3" duct collar extension. Duct sizes from 4" to 12".



RC10P

fantech® a systemair company

Features

Galvanized Steel
Welded Corners
Painted Black
Shutter Flanges

CATALOG NO.	DESCRIPTION	WIDTH	WEIGHT	UOM	OM
RC10P	Sloped Roof Cap	24"	12.3 lbs	EA	1

Fixed Non-Vented Roof Curb

Accessories for Commercial PRVs



5ACC17FT

fantech® a systemair company

Features

Manufactured from Galvanized Steel (all models)
Welded Corners (all models)
Fiberglass Isolation to Deaden Sound (5ACC..FT and 5ACC..FS models)
Shutter Flanges and 1-1/2" Wood Nailer (5ACC..FT models)
Stamped Louvers on Curb Sides (5ACC..VC models)
Flat Mounting Flange to Fasten Directly to Roof Deck
UL762 Certified for Commercial Kitchen Applications (5ACC..VC models)

CATALOG NO.	DESCRIPTION	WIDTH	WEIGHT	UOM	OM
5ACC20FT	Fixed Non-Vented Curb	20.5"	28 lbs	EA	1
5ACC17FT	Fixed Non-Vented Curb	17.5"	28 lbs	EA	1

Fixed Non-Vented Roof Curb

Moderate to high airflow metal fans for various applications



5ACC17FS

fantech® a systemair company

CATALOG NO.	DESCRIPTION	HEIGHT (IN.)	UOM	OM
5ACC17FS	Fixed Non-Vented Curb	8	EA	1
5ACC24FS	Fixed Non-Vented Curb	8	EA	1

Features

Manufactured from Galvanized Steel (all models)
Welded Corners (all models)
Fiberglass Isolation to Deaden Sound (5ACC..FT and 5ACC..FS models)
Shutter Flanges and 1-1/2" Wood Nailer (5ACC..FT models)
Stamped Louvers on Curb Sides (5ACC..VC models)
Flat Mounting Flange to Fasten Directly to Roof Deck
UL762 Certified for Commercial Kitchen Applications (5ACC..VC models)

FANTECH - INLINE FANS

Electronic Timer for Fan

The timer switch for 10, 20, 30, and 60-minute timed operation of an exhaust fan. It provides convenient timed control of bathroom fan exhaust in residential and light commercial applications. It has soothing green LED locator lights and is available in white only. Fits a standard single gang box.

CATALOG NO.	DESCRIPTION	UOM	OM
FD60EM	Bathroom Ventilation Control	EA	1



FD60EM

fantech® a systemair company

Pressure Switch Kit

Features

Speed controls
Electronic timers
Thermostats
Switches
Dehumidistats

CATALOG NO.	DESCRIPTION	UOM	OM
DB10	Pressure Switch Kit	EA	1



DB10

fantech® a systemair company

Electronic Fresh Air Appliance Control

An electronic wall control that is compatible with all Fantech HRV/ERV models.

Features

TVOC sensing controllers
Dehumidistats
Digital and push-button timers
Wireless timers

CATALOG NO.	DESCRIPTION	NUMBER OF WIRES	UOM	OM
EDF3	Ventilation Control System	2	EA	1



EDF3

fantech® a systemair company

FANTECH - INLINE FANS

Vari-Speed Fan Control



RPE10

fantech® a systemair company

Features

Speed controls
Electronic timers
Thermostats
Switches
Dehumidistats

CATALOG NO.	DESCRIPTION	UOM	OM
RPE10	Speed Control	EA	1
RPE15	Speed Control	EA	1

Heavy-Duty Variable Speed Controller



WC15

fantech® a systemair company

Features

Speed controls
Electronic timers
Thermostats
Switches
Dehumidistats

CATALOG NO.	DESCRIPTION	UOM	OM
WC15	Wall-Mount Speed Control	EA	1

Variable Speed Controller



5ACC03SC

fantech® a systemair company

Features

Variable Speed Control
Adjustable Airflow
Multi-Fan Operation
Easy Installation

CATALOG NO.	DESCRIPTION	UOM	OM
5ACC03SC	Speed control, Input current 3A, 120 V, 60Hz	EA	1
5ACC06SC	Speed control, Input current 6A, 120 V, 60Hz	EA	1

FANTECH - CONTROLS

Dehumidistat

Diverse list of controls for your fresh air appliance

Features

TVOC sensing controllers
Dehumidistats
Digital and push-button timers
Wireless timers

CATALOG NO.	NUMBER OF WIRES	WEIGHT	UOM	OM
MDEH1	2	0.3	EA	1



MDEH1

fantech®
a systemair company

Push-button Timer Control

Diverse list of controls for your fresh air appliance

Features

TVOC sensing controllers
Dehumidistats
Digital and push-button timers
Wireless timers

CATALOG NO.	NUMBER OF WIRES	INTERVAL	UOM	OM
RTS2	2	20 mins	EA	1
RTS5	2	20/40/60 mins	EA	1



RTS5

fantech®
a systemair company

FANTECH - CONTROLS

ECO-Touch® IAQ Controller



ECO-TOUCHIAQ

fantech®
a systemair company

Features

Variable Speed Control
Adjustable Airflow
Multi-Fan Operation
Easy Installation

CATALOG NO.	DESCRIPTION	UOM	OM
ECO-TOUCHIAQ	Multi-function controller	EA	1

7-day Digital Timer



FTD7

fantech®
a systemair company

Features

Variable Speed Control
Adjustable Airflow
Multi-Fan Operation
Easy Installation

CATALOG NO.	DESCRIPTION	UOM	OM
FTD7	Multi-setting Timer	EA	1

FANTECH - ACCESSORIES FOR DUCTED AIR SYSTEMS

HS Accessories - Dryer Exhaust Fans

Resin louver for exterior wall mount



HS4W

fantech® a systemair company

Features

Easy-to-install vent hood
Designed for bathroom fans and other general-purpose venting
Louvered design for maximum airflow and quiet operation
UV-resistant resin resists fading and discoloration from the sun
Paint to match the home's exterior
Easily mounts on brick, concrete, and siding
Low-profile design for a clean finish
Available for 4" and 6" ducts

CATALOG NO.	DIMENSION	DEPTH (IN.)	WEIGHT	UOM	OM
HS4W	6.1 x 6.1	11	1.3	EA	1

Supply and Exhaust Hoods

Supply & Exhaust Vents with built-in pest guard and bug screen



COM4P

fantech® a systemair company

Features

All ventilators are UL Standard 705 listed
Wall-mounting brackets included
All galvanized steel construction with powder-coated propellers
High-efficiency propellers and press-fit pillow block bearings
Variable pitch sheaves allow reduction of fan speed and air performance up to 25%
Shipped ready to install

CATALOG NO.	DESCRIPTION	DIMENSION	WEIGHT	UOM	OM
COM4P	Roof Mount Damper 12in.	12 1/2 x 12 1/2	3	EA	1
COM6P	Roof Mount Damper 15in.	15 1/2 x 15 1/2	4	EA	1

Roof Mount Damper



5ACC12RD

fantech® a systemair company

Features

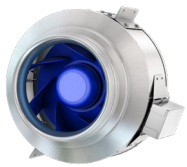
Corrosion Resistant Finish
Felted Aluminum Blades
Certified Performance

CATALOG NO.	DESCRIPTION	DIMENSION	WEIGHT	UOM	OM
5ACC12RD	Roof Mount Damper 12in.	12 1/2 x 12 1/2	3	EA	1
5ACC15RD	Roof Mount Damper 15in.	15 1/2 x 15 1/2	4	EA	1

FANTECH - INLINE FANS

FKD Series - Mixed Flow Inline Duct AC Fans

Moderate to high airflow metal fans for various applications



FKD12XL

Features

Mixed-flow impeller enabling high static pressure
Built-in thermal overload protection with automatic reset
Galvanized steel housing
Operable in air stream temperatures up to 140°F
Comes with mounting brackets for quick & easy installation
Limited 5-year warranty

CATALOG NO.	DUCT DIMENSION	MOTOR TYPE	VOLTAGE	AIR FLOW (CFM)	WEIGHT	UOM	OM
FKD8XL	8	AC	120	837	14.8	EA	1
FKD10XL	10	AC	120	1,267	20.5	EA	1
FKD12XL	12	AC	120	–	42.2	EA	1
FKD16XL	16	AC	120	–	134	EA	1
FKD16XL230	16	AC	230	–	75.1	EA	1

FKD Series - Mixed Flow Inline Duct EC Fans

Moderate to high airflow metal fans for various applications



FKD16EC

Features

Mixed-flow impeller enabling high static pressure
Built-in thermal overload protection with automatic reset
Galvanized steel housing
Operable in air stream temperatures up to 140°F
Comes with mounting brackets for quick & easy installation
Limited 5-year warranty

CATALOG NO.	DUCT DIMENSION	MOTOR TYPE	VOLTAGE	AIR FLOW (CFM)	WEIGHT	UOM	OM
FKD16EC	16	EC	460	5,136	112	EA	1

prioAir Inline Duct Fans

Low to moderate airflow resin fans for various applications



PRIOAIR8

Features

100% Leak-Free Housing
Up to 7.0 cfm/W of Efficacy
Quiet Operation
Comes with Mounting Bracket

CATALOG NO.	DUCT DIMENSION	MATERIAL	MOTOR TYPE	VOLTAGE	AIR FLOW (CFM)	WEIGHT	UOM	OM
PRIOAIR8	8	Plastic	AC	120	646	7.5	EA	1
PRIOAIR6EC	6	Plastic	EC	120	445	3.7	EA	1
PRIOAIR8EC	8	Plastic	EC	120	790	7.5	EA	1

FANTECH - ACCESSORIES FOR DUCTED AIR SYSTEMS

Iris Damper

Iris Damper for measuring and adjusting airflow

Features

Air Tight Design
Fixed Test Points for Precise Measurements
Aperture to adjust the airflow
Easy Maintenance



IR4

fantech® a systemair company

CATALOG NO.	DESCRIPTION	DUCT DIMENSION	WEIGHT	UOM	OM
IR4	Iris Damper	4"	2.1	EA	1
IR6	Iris Damper	6"	3.6	EA	1

Backdraft Dampers

Backdraft dampers for circular ducts

Features

Designed for circular ducts
Damper blades formed from aluminum H14
Stainless steel torsion spring
Synthetic rubber gasket
3/32” diameter brass central rod



RSK10

fantech® a systemair company

CATALOG NO.	DUCT DIMENSION	WEIGHT	UOM	OM
RSK4	4	0.6	EA	1
RSK5	5	0.7	EA	1
RSK6	6	0.8	EA	1
RSK8	8	1	EA	1
RSK10	10	1.4	EA	1
RSK12	12	2	EA	1

Shut-off Damper w Motor Circular Ducts

Shut-off Damper for Circular Ducts

Features

Motorized Operation
Spring Return
Tight Seal
Simple Installation



ADC6

fantech® a systemair company

CATALOG NO.	DESCRIPTION	DUCT DIMENSION	WEIGHT	UOM	OM
ADC6	Shut-off Damper for Circular Ducts	6"	3 ils	EA	1

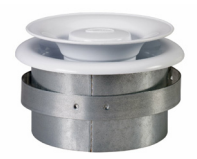
FANTECH - ACCESSORIES FOR DUCTED AIR SYSTEMS

Contour Grille

Ventilation grille ideal for supply or exhaust

Features

Manufactured of flame retardant resin
White matte finish
Easy installation directly onto the duct
Used for supply and exhaust air
Adjust airflow by rotating the valve cone



CG4

fantech® a systemair company

CATALOG NO.	DESCRIPTION	DUCT DIMENSION	WEIGHT	UOM	OM
CG4	Contour Grille	4"	1	EA	1
CG6	Contour Grille	6"	1.4	EA	1

Metal Supply Grill

Metal Supply Grill designed for supply air

Features

Lightweight
Easily Adjustable
Direct Duct Installation
Robust



MGS4

fantech® a systemair company

CATALOG NO.	DESCRIPTION	DUCT DIMENSION	WEIGHT	UOM	OM
MGS4	Supply Grille	4"	1.3	EA	1
MGS6	Supply Grille	6"	2	EA	1

Metal Exhaust Grill

Metal Exhaust Grill for ceiling or wall installationss

Features

Lockable Settings
Ceiling/Wall Mounted
Sheet Steel
Direct Duct installation



MGE4

fantech® a systemair company

CATALOG NO.	DESCRIPTION	DUCT DIMENSION	WEIGHT	UOM	OM
MGE4	Exhaust Grille	4"	1.2	EA	1
MGE6	Exhaust Grille	6"	1.8	EA	1

Designer Exhaust Grille

Designer Exhaust Grille with mounting collar

Features

Low Profile
Galvanized Mounting Collar
Simple Installation
Back-Draft Damper (DGD models)



DG4

fantech® a systemair company

CATALOG NO.	DESCRIPTION	DUCT DIMENSION	WEIGHT	UOM	OM
DG4	Exhaust Grille	4"	0.8 ils	EA	1
DG6	Exhaust Grille	6"	1.2 ils	EA	1

FANTECH - INLINE FANS

FG Series - Centrifugal Inline AC Fans

Low to moderate airflow metal fans for various applications.



FG6XL

fantech® a systemair company

Features

Durable, leak-free, low-noise operation
Suitable for indoor installations
Mount the fan at any angle/direction within the ductwork
Built-in thermal overload protection with automatic reset
Operable in air stream temperatures up to 140°F
Mounting bracket and hardware included
5-year factory warranty

CATALOG NO.	MOTOR TYPE	DUCT DIMENSION	AIR FLOW	WEIGHT	UOM	OM
FG4XL	AC	4	168	6	EA	1
FG5XL	AC	5	220	6.2	EA	1
FG6XL	AC	6	494	9.1	EA	1
FG8XL	AC	8	477	8.5	EA	1
FG10XL	AC	10	639	11.6	EA	1

FR Series - Centrifugal Inline Fans

Low airflow resin fans for various applications



FR100



FR160

fantech® a systemair company

Features

Durable, leak-free, low-noise operation
Corrosion and heat-resistant housing
Indoor/outdoor use
Built-in thermal overload protection with automatic reset
Operable in air stream temperatures up to 140°F
Mounting bracket and hardware included
5-year factory warranty
FR is not a Radon Mitigation Fan

CATALOG NO.	DUCT SIZE (IN.)	AIR FLOW (CFM)	MATERIAL	MOTOR TYPE	UOM	OM
FR100	4	147	Plastic	AC	EA	1
FR110	4	180	Plastic	AC	EA	1
FR150	6	316	Plastic	AC	EA	1
FR160	6	337	Plastic	AC	EA	1

FANTECH - INLINE FANS

FG Series - Centrifugal Inline EC Fans

Low to moderate airflow metal fans for various applications



FG10

fantech® a systemair company

Features

Durable, leak-free, low-noise operation
Suitable for indoor installations
Mount the fan at any angle/direction within the ductwork
Built-in thermal overload protection with automatic reset
Operable in air stream temperatures up to 140°F
Mounting bracket and hardware included
5-year factory warranty

CATALOG NO.	MOTOR TYPE	DUCT DIMENSION	AIR FLOW	WEIGHT	UOM	OM
FG4	AC	4	123	4.6	EA	1
FG6	AC	6	290	7.1	EA	1
FG8	AC	8	462	8.2	EA	1
FG10	AC	10	519	8.9	EA	1

DBF Dryer Exhaust Fans

Various models to boost air in long ductwork on demand



DBF4XL



DBF110

fantech® a systemair company

Features

Pressure Sensing Switch (all models)
DBF 110 supports duct runs up to 108 linear feet
DBF 4Xl and DBF 4XLT support duct runs up to 125 linear feet
Galvanized Metal Housing (DBF 4XL, DBF 4XLT)
5-ft Power Cord (DBF 4XL, DBF 4XLT)
Indicator Panel (DBF 4XLT)
Performance certified by HVI, Conforms to UL507
Not listed to the UL-705 DEDPV supplement

CATALOG NO.	MATERIAL	DUCT DIMENSION	AIR FLOW	WEIGHT	UOM	OM
DBF4XL	Metal	4	168	10	EA	1
DBF4XLT	Metal	4	168	7.7	EA	1

CATALOG NO.	MATERIAL	DUCT DIMENSION	AIR FLOW	WEIGHT	UOM	OM
DBF110	Plastic	4	180	9	EA	1

FANTECH - BATH FANS

PB Series - Bath Fan w/ 2x Grill

Remote exhaust fans for single or multiple locations. With or without LED lights.



PB270-2

fantech® a systemair company

Features

Smallest Footprint on Ceiling
Dimmable Light (select models)
Outdoor installation (select models)
UL Listed
Energy Efficient
Backdraft Damper Included

CATALOG NO.	DUCT SIZE (IN.)	AIR FLOW (CFM)	LED LIGHT	NUMBER OF LIGHTS	ROOM SIZE (SQ.FT.)	UOM	OM
PB270-2	6	290	No	2	200-250	EA	1

PB Series - Bath Fan w/ 2x LED

Remote exhaust fans for single or multiple locations. With or without LED lights.



PB270L10-2

fantech® a systemair company

Features

Airflow 260 CFM at 0.20" Wg
Smallest footprint on ceiling
Two locations
Two 7” white round plastic grilles with 6W dimmable LED lights
260 cfm remote mount 6” duct fan
Backdraft dampers included
ENERGY STAR® listed
UL listed for wet locations

CATALOG NO.	DUCT SIZE (IN.)	AIR FLOW (CFM)	ROOM SIZE (SQ.FT.)	UOM	OM
PB270L7-2	6	260	80-100	EA	1
PB270L10-2	6	260	80-100	EA	1

PB Series - Bath Fan w/ Grill

Remote exhaust fans for single or multiple locations. With or without LED lights.



PB190

fantech® a systemair company

Features

Smallest Footprint on Ceiling
Dimmable Light (select models)
Outdoor installation (select models)
UL Listed
Energy Efficient
Backdraft Damper Included

CATALOG NO.	DUCT SIZE (IN.)	AIR FLOW (CFM)	MOTOR TYPE	ROOM SIZE (SQ.FT.)	UOM	OM
PB190	6	241	AC	80-100	EA	1

FANTECH - BATH FANS

PB Series - Bath Fan Grill



PBV6

Ceiling Grilles w/ Damper and 4 Hanger Bars

Features

Built-in Damper
Dimmable LED Light
Durable Construction

CATALOG NO.	DUCT DIMENSION	CONNECTION TYPE	WEIGHT	UOM	OM
PBV6	6	Circular	3.2	EA	1

PB Series - Bath Fan w/ Grill



PB110

Remote exhaust fans for single or multiple locations. With or without LED lights.

Features

Smallest Footprint on Ceiling
Dimmable Light (select models)
Outdoor installation (select models)
UL Listed
Energy Efficient
Backdraft Damper Included

CATALOG NO.	DUCT SIZE (IN.)	AIR FLOW (CFM)	NUMBER OF VENTS	INSTALLATION TYPE	ROOM SIZE (SQ.FT.)	UOM	OM
PB110	4	123	1	Indoor	80-100	EA	1

PB Series - Bath Fan w/ LED Light



PB110L7

Remote exhaust fans for single or multiple locations. With or without LED lights.

Features

Smallest Footprint on Ceiling
Dimmable Light (select models)
Outdoor installation (select models)
UL Listed
Energy Efficient
Backdraft Damper Included

CATALOG NO.	DUCT SIZE (IN.)	AIR FLOW (CFM)	LIGHT POWER	NUMBER OF LIGHTS	INSTALLATION TYPE	ROOM SIZE (SQ.FT.)	UOM	OM
PB110L7	4	136	6W	1	Outdoor	80-100	EA	1
PB110L10	4	123	10W	1	Indoor	80-100	EA	1

FANTECH - INLINE FANS

RVF Series - Exterior Mount Fans

Moderate to high airflow exterior wall-mount fan

Features

Fan motor noise kept outside
RAL 9016 painted housing
Airflow temperatures up to 140°F
Built-in thermal overload protection with automatic reset
Rubber gasket for ease of duct installation
Five-year factory warranty



RVF6

fantech® a systemair company

CATALOG NO.	MOTOR TYPE	DUCT DIMENSION	AIR FLOW	WEIGHT	UOM	OM
RVF4	AC	4	136	7.4	EA	1
RVF6	AC	6	243	8.8	EA	1
RVF4XL	AC	4	178	7.4	EA	1
RVF6XL	AC	6	422	8.6	EA	1
RVF8XL	AC	8	–	12.7	EA	1
RVF10	EC	10	–	27.7	EA	1

Axial Fan/ Wall Ventilator

Axial Plated / Cabinet Mount Fans with Direct Drive Motors

Features

Shallow Profile (FADE)
Aerodynamic Propeller Blades
Powder Coated Plate (FADE)
Galvanized Steel Housing (FADE WHD)
Quiet Operation



FADE12-4

fantech® a systemair company

CATALOG NO.	MOUNT TYPE	DIMENSION	AIR FLOW	WEIGHT	UOM	OM
FADE12-4	Cabinet	17 x 21 x 15 1/2	1,208	10.9	EA	1

FANTECH - BATH FANS

PRO Bathroom Fans

Ceiling-mount exhaust fans for small bathroom and powder rooms

Features

Quiet Operation
Ceiling/Wall Mounting
Low Profile Design
High Efficiency



PRO100

fantech® a systemair company

CATALOG NO.	VOLT	DUCT SIZE	AIR FLOW	DIMENSION	WEIGHT	UOM	OM
PRO80	120	4	80	13 3/4 x 13	9	EA	1
PRO100	120	4	100	13 3/4 x 13	9	EA	1

PRO PLUS Exhaust Fan

Ceiling-mount exhaust fans for small bathroom and powder rooms

Features

Less than 0.5 Sones
LED Light
Motion and Humidity Sensors
Built-in backdraft damper
High efficiency motor
5 year warranty



PROPLUS

fantech® a systemair company

CATALOG NO.	VOLT	DUCT SIZE	AIR FLOW	DIMENSION	WEIGHT	UOM	OM
PROPLUS	120	6	156	13 3/4 x 13	12	EA	1
PROPLUS-L	120	4	156	13 3/4 x 13	12	EA	1

PRO LED Light Grille

LED Light Grille is an accessory for a PRO bathroom fan, comes in a white finish and has a soft white light distribution.

Features

LED light rated for 3000K colour temperature and 11W LED ENERGY STAR certified
Quiet Operation
Ceiling/Wall Mounting
Low Profile Design
High Efficiency



PROLED

fantech® a systemair company

CATALOG NO.	WATT	COLOR TEMPERATURE	DIMENSION	WEIGHT	UOM	OM
PROLED	11	3000	13 3/4 x 13	3.3	EA	1

FANTECH - FRESH AIR APPLIANCES

VHR Fresh Air Appliances

HRV for balanced ventilation in single- and multi-family homes

Features

Top-mounted ports with plastic oval collars
Unobstructed front access for fast & easy maintenance
Moderate heat recovery with up to 65% SRE
Air Boost Mode (FLEX 100H)



VHR70RES

fantech® a systemair company

CATALOG NO.	VOLT	AIR FLOW RANGE	INSTALL TYPE	DEFROST CYCLE	UOM	OM
VHR70RES	120	75 or less	Vertical	Recirculation	EA	1

VER Fresh Air Appliance

HRV for balanced ventilation in single- and multi-family homes

Features

Residential applications for 125 to 200 cfm
Energy recovery crossflow core with up to 63% SRE
The top-port design fits in tight spaces
Optional drain line
Limited warranty (limited lifetime on counterflow core, 7 years on motors, and 5 years on parts)



VER150

fantech® a systemair company

CATALOG NO.	VOLT	AIR FLOW RANGE	INSTALL TYPE	WEIGHT	UOM	OM
VER150	120	131-170	Vertical	39.4	EA	1

FANTECH - LIGHT COMMERCIAL FRESH AIR APPLIANCES

HERO® Fresh Air Appliance



HERO150H

fantech® a systemair company

HRV for balanced ventilation in residential and commercial applications

Features

Heat Recovery Ventilator (HRV)
Top-mounted connections with rubberized duct seals
Unobstructed front access for fast & easy maintenance
Energy-efficient counterflow core to provide exceptional performance
Multi-speed operation to provide exact airflow
Compatible with the ECO-Touch® AUTO IAQ Programmable Wall Control
Helps improve the home's HERS Score towards a NetZero status and lower energy costs
Limited warranty (limited lifetime on counterflow core, 7 years on motors, and 5 years on parts)

CATALOG NO.	DUCT SIZE	AIR FLOW RANGE	CONNECTION TYPE	DEFROST CYCLE	UOM	OM
HERO120H	5	53-112	Round	Recirculation	EA	1
HERO150H	6	36-150	Round	Recirculation	EA	1

Heat Recovery Ventilator



SHR450

fantech® a systemair company

HRV for balanced ventilation in residential and commercial applications

Features

Light Commercial Heat Recovery Ventilator
Side Port Connections
Light Commercial Projects
Reversible Doors (Other Models)
External 3-position switch Low/Standby/High (Other Models)

CATALOG NO.	VOLT	AIR FLOW RANGE	INSTALL TYPE	WEIGHT (LBS.)	UOM	OM
SHR450	120	301-470	Horizontal	145.5	EA	1

SER Recovery Ventilators



SER150

fantech® a systemair company

ERV for balanced ventilation in large-residential and commercial applications

Features

Light Commercial Energy Recovery Ventilator (ERV)
Push-Pull configuration
Optional drain line
Removable screw terminal for easy connection
Dual service doors & reversible electrical box
External three-position switch (Low/Standby/High)

CATALOG NO.	VOLT	AIR FLOW RANGE	INSTALL TYPE	WEIGHT (LBS.)	UOM	OM
SER120	120	131-170	Horizontal	42.5	EA	1
SER150	120	131-170	Horizontal	42.5	EA	1

FANTECH - FRESH AIR APPLIANCES

Electric Duct Heater



MUAH1010

The MUAH electric heater's versatile design makes it suitable for various heating applications, whether in residential, commercial, or industrial settings.

Features

Suitable for 8", 10" and 12" duct size
6 kW, 10 kW and 20 kW models
Spigot Connection
Integral Electronic Temperature Regulator

CATALOG NO.	VOLT	AIR FLOW	DUCT DIMENSION	WEIGHT (LBS.)	UOM	OM
MUAH086	240	750	8	25.1	EA	1
MUAH1010	240	1,200	10	25.1	EA	1

Makeup Air System - Modulart



MUAS1200

The MUAS is designed to be installed however it fits best within the application. The system can be designed in a linear path, or, with enough ductwork, can be installed in a snake-like formation.

Features

Variable supply airflow automatically in proportion to the exhaust
Provides the exact amount of air needed
Filters outdoor particles before fresh air is delivered to the home
Optional inline duct heater to temper cold incoming outdoor air
Flexible installation options within ductwork (MUAS 750 and MUAS 1200)
Unitary system with external shut-off damper (MUAS 8 and MUAS 10)

CATALOG NO.	VOLT	AIR FLOW	DUCT DIMENSION	WEIGHT (LBS.)	UOM	OM
MUAS750	120	750	8	121	EA	1
MUAS1200	240	1,200	10	132	EA	1

DEDPV Dryer Exhaust Fan



DEDPV-705

UL-705 Listed, suitable for gas and electric clothes dryers

Features

Supports duct runs up to 125 linear feet
Pressure-sensing switch for automatic operation
Indicator panel to show product status
5-foot power cord for 120V/1~
Galvanized metal, leak-proof housing
Certified by Underwriters Laboratories (UL) to the DEDPV requirements of UL 705
UL-listed for use with gas and electric clothes dryers
Suitable for high-altitude applications

CATALOG NO.	MOTOR TYPE	VOLTAGE	FREQUENCY	AIR FLOW (MAX CFM)	UOM	OM
DEDPV-705	AC	120	60Hz	168	EA	1

FANTECH - LIGHT COMMERCIAL FRESH AIR APPLIANCES

Kitchen Hood Liner



HL42

The kitchen hood liner delivers a quiet yet powerful performance, efficiently removing cooking odors, smoke, and grease without disturbance.

Features

Quiet and yet powerful performance when paired with Fantech remotely located fans
Compatible with most hood designs (wood, metal, and masonry)
Easily integrated with all elements of kitchen design
Dimmable light switch to illuminate the cooking area
Attractive stainless-steel fascia supported by a sturdy, galvanized steel housing
Equipped with the speed controller for AC remote mount exhaust fans
Use EC-10V-HL controller with EC exhaust fans

CATALOG NO.	DUCT DIMENSION (IN.)	WEIGHT (LBS)	AIR FLOW (MAX CFM)	UOM	OM
HL42	10	28	750	EA	1

Mounting Clamps (2 pieces)



FC10

FC are mounting clamps for circular duct fans that facilitate the installation and removal of fans and accessories for service and cleaning.

Features

Airtight connection
Vibration and noise damping
Robust casing
Neoprene lining

CATALOG NO.	DUCT SIZE	UOM	OM
FC4	4	EA	1
FC6	6	EA	1
FC8	8	EA	1
FC10	10	EA	1
FC12	12	EA	1

FANTECH - ACCESSORIES FOR DUCTED AIR SYSTEMS

Replacement HEPA Filter Pack

The RHF16 is a HEPA filter suitable for CM3000, CM3000i and DM3000P whole house ventilation systems. The filter will collect up to 99.97% particles as small as 0.3 microns in size such as carbon dust, bacteria, legionella, combustion smoke, milled flour, welding fumes, pollen, bacteria, pet dander, and mold spores.

CATALOG NO.	DESCRIPTION	DIMENSION	UOM	OM
RHF16RPL	Replacement Filter	1 3/4 x 15 3/4 x 15 7/8	EA	1

Includes 1 replacement HEPA filter.



RHF16RPL

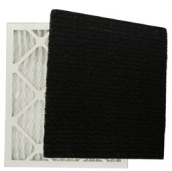
fantech® a systemair company

Replacement MERV8 and Carbon Filters

The RHFH1315 is a combo of MERV8 pre-filter and carbon filters suitable for CM3000, CM3000i and DM3000P whole house ventilation systems. The pre-filter will collect up to 90% particles between 3-10 microns in size such as pollen, dust, lint, dust mites, pet dander. The carbon filter will arrest household odors like cooking oil and smoke.

CATALOG NO.	DESCRIPTION	DIMENSION	UOM	OM
RPFH1315RPL	Replacement Filter	1 3/4 x 15 3/4 x 15 7/8	EA	1

Includes 1 replacement MERV8 and 1 carbon filter.



RPFH1315RPL

fantech® a systemair company

Lint Screen

The replacement screen for the DBLT4W dryer booster lint trap.

CATALOG NO.	DESCRIPTION	DESCRIPTION	UOM	OM
DBLT4W	Lint Screen	5 7/8 x 8 3/16 x 9/16	EA	1



DBLT4W

fantech® a systemair company

FANTECH - ACCESSORIES FOR DUCTED AIR SYSTEMS

90º Mounting Elbow

Heavy-duty plastic 90º mounting collar/elbow for use in 2×4 stud walls. With half-inch drywall lip already set, just nail in place and connect duct. Low depth profile makes this elbow the perfect solution for sidewall ventilation within a wall partition. Suitable for 4-inch ducts.

Features

FR4.2 fiberglass insulation
Air-tight inner core
Tear and puncture metalized polyester jacket
Low friction



FEL4

fantech® a systemair company

CATALOG NO.	DUCT SIZE	MATERIAL	ELBOW	UOM	OM
FEL4	4	Plastic	90º	EA	1

Insulated Flexible Duct

Insulated Flex Duct for bathroom fan

Features

FR4.2 fiberglass insulation
Air-tight inner core
Tear and puncture metalized polyester jacket
Low friction



FIDT4

fantech® a systemair company

CATALOG NO.	DIAMETER	LENGTH (IN.)	WEIGHT (LBS.)	UOM	OM
FIDT4	4	300	6	EA	1
FIDT6	6	300	6	EA	1

Circular Duct Silencer

Circular Duct Silencer for inline duct fan.

Features

For Use on Circular Ducts
2-inch Insulation
Made of Galvanized Steel
Equipped with Rubber Gaskets for a Tight Seal



LD12

fantech® a systemair company

CATALOG NO.	DIAMETER	LENGTH	METAL GAUGE	UOM	OM
LD12	12	35 1/2	22	EA	1

Y-Connector

Used primarily for heating & air conditioning applications for a transition from one to two round ducts.

Features

Galvanized construction
Easy to Install
Made in Canada



FY4

fantech® a systemair company

CATALOG NO.	DESCRIPTION	DIMENSIONS	DUCT OPENING (IN.)	UOM	OM
FY4	Y-connector for metal air ducts	10 1/2 x 12 1/2	4	EA	1

WIRE CONNECTORS

Grommets – Vinyl (By Panel Hole Size)

Grommets safely route cables and wires through sharp edged cutouts.



GV06

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
GV06*	Grommets – 3/8", pack of 18	PK	1
GV07	Grommets – 7/16", pack of 12	PK	1
GV08*	Grommets – 1/2", pack of 12	PK	1
GV10*	Grommets – 5/8", pack of 7	PK	1
GV12	Grommets – 3/4", pack of 3	PK	1
GV14*	Grommets – 7/8", pack of 4	PK	1
GVA1	Assortment – Small – GV04, GV05, GV06, GV07, GV08, pack of 15	PK	1
GVA2	Assortment – Large – GV08, GV10, GV12, GV14, GV16, pack of 5	PK	1

Sizes shown above also available in 100 packs. Replace "" with "C" for part number.

Heat Shrink Tubing – Polyolefin 50% Shrink, Black Commercial Grade

Our shrinking tube is economical and mechanically tough heat shrinkable tubing used for insulating, jacketing and identification.



HSA1

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
HS03	3/16" I.D. Expanded – 4" Long, pack of 8	PK	1*
HS04	1/4" I.D. Expanded – 4" Long, pack of 7	PK	1*
HS06	3/8" I.D. Expanded – 4" Long, pack of 6	PK	1*
HS08	1/2" I.D. Expanded – 4" Long, pack of 5	PK	1*
HSA1	Assorted 3/16", 1/4", 3/8" – 4" Long, pack of 7	PK	1
HSA2	Assorted 1/2", 3/4", 1" – 4" Long, pack of 4	PK	1

Available in lengths up to 250 ft.
*These items are also available in bulk. To order, enter the catalog number followed by the letter "B". For example, HS03B is the bulk part number for HS03. Bulk items are priced and shipped by the foot.

Compressor Repair Kit

Finally, a product that simplifies the repair of burned or damaged spade terminals when reconnecting or replacing a compressor. Fits both non burned and burned terminals. Connects to the compressor via precision brass cylinders that fit over the terminals and connect with stainless steel set screws. Wires are permanently attached. Standard factory 600V, 65 strand machine wire. Easy to install and guaranteed for the life of the compressor.



TLC-3-8

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
TLC-3-8	3 Wire, 8 Gauge Connection Kit	EA	1
TLC-3-10	3 Wire, 10 Gauge Connection Kit	EA	1
TLC-3-12	3 Wire, 12 Gauge Connection Kit	EA	1

Transparent Plastic Boxes with Terminal Assortments

Boxes are made of soft, pliable, durable K resin with 18 compartments containing the most popular terminals, including hi temp and compressor terminals.



PA25

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
PA10	180 Terminals (10 Each Kind)	EA	1
PA25	360 Terminals (20 Each Kind)	EA	1
PA25AP	Appliance Parts Technician Assortment (mostly Hi-Temp)	EA	1
PA18	"K" Resin Plastic Box Only	EA	1

200 Piece Terminal Kit

High impact re-usable plastic box
Assortment of ring & spade terminals, butt connectors, male & female disconnects



10816

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
10816	200 Piece Terminal Kit	EA	5

TERMINALS IN KIT

RING TERMINAL	QTY
22-16 #6	4
22-16 #8	4
22-16 #10	4
16-14 #6	4
16-14 #8	4
16-14 #10	5
12-10 #8	4
12-10 #10	6
12-10 1/4"	5
12-10 5/16"	4

SPADE TERMINAL	QTY
22-16 #10	4
16-14 #6	5
16-14 #8	4
16-14 #10	4
12-10 #8	4
12-10 #10	16
12-10 1/4"	4
22-16 #6	11
22-16 #8	13

MALE - VINYL DISCONNECT	QTY
22-10 .250	4
22-16 .250	4
22-14 .250	4

FEMALE VINYL DISCONNECT	QTY
22-18 .250	5
16-14 .187	4
16-14 .250	11
12-10 .250	13

NYL FULL INS DISCON - MALE	QTY
22-18 .250	4
16-14 .250	4

NYL FULL INS DISCON - FEMALE	QTY
22-18	4
16-14	5
12-10 .250	4

BUTT CONNECTOR	QTY
22-18	11
16-14	11
12-10	9

WIRE CONNECTORS CONT'D

Twist-On Wire Connectors Combo Kit

The 623-MIX Twist-On Wire Connectors Combo Kit is a very handy and convenient wire connector kit. It contains 600 pieces of color-coded, twist-on and winged twist-on wire connectors in 9 commonly used sizes. Its durable and configurable Plano box is agreat organizer for wire connector refills and storage. A wiring combinations chart for each connector is also included. It is a great truck stock item for contractors.



623-MIX

CATALOG NO.	DESCRIPTION	UOM	OM
623-MIX	Twist-On Wire Connectors Combo Kit, Pack of 600	PK	1

U.L. Listed. CSA Approved.

Flag Disconnects



FD21C

WAGNER

CATALOG NO.	DESCRIPTION	AWG	UOM	OM
FD21C	.187 Tab, Pk of 100	16 - 14 wire gauge	PK	1
FD22	.250 Tab, Pk of 25	16 - 14 wire gauge	PK	1
FD222	.250 Tab, Pk of 6 Full Insulated	16 - 14 wire gauge	PK	1
FD22C	.250 Tab, Pk of 100	16 - 14 wire gauge	PK	1
FD32	.250 Tab, Pk of 10	12 - 10 wire gauge	PK	1
FD32C	.250 Tab, Pk of 100	12 - 10 wire gauge	PK	1

Ring Terminal



R231

DIVERSITECH

CATALOG NO.	DESCRIPTION	AWG	UOM	OM
R231	#8 stud, Pk of 12	12-10W	PK	1
RH32C	3/8 stud, Pk of 100	12-10W	PK	1

Wire Connectors- Screw On, U.L. Listed, C.S.A Approved

Color coded connectors make quick, secure connections for positive continuity. High dielectric thermoplastic shell resists chemical action from hydrocarbons, dilute acid or alkaline solutions. Deep skirt design prevents exposure of bare wire. New handy carry handle and grip bottle. U.L. Listed. C.S.A. Approved.



623-014

CATALOG NO.	DESCRIPTION	UOM	OM
623-012	Blue Screw-On – Size 72B, #22 to #16 AWG, 300V Max., pack of 600	PK	1
623-013	Orange Screw-On – Size 73B, #22 to #14 AWG, 600V Max., pack of 300	PK	1
623-014	Yellow Screw-On – Size 74B, #18 to #10 AWG, 600V Max., pack of 200	PK	1

U.L. Listed. CSA Approved.

Porcelain Wire Connectors

Porcelain Wire Connectors are used in high temperature applications such as appliances.



CPN1

CATALOG NO.	DESCRIPTION	AWG	UOM	OM
CPN1	Porcelain – Small, Pk of 15	22-16, 2 Strand Wire	PK	1
CPN1C	Porcelain – Small, Pk of 100	22-16, 2 Strand Wire	PK	1
CPN2	Porcelain – Medium, Pk of 10	18-14, 2 Strand Wire	PK	1
CPN2C	Porcelain – Medium, Pk of 100	18-14, 2 Strand Wire	PK	1
CPN3	Porcelain – Large, Pk of 10	18-14, 3 Strand Wire	PK	1
CPN3C	Porcelain – Large, Pk of 100	18-14, 3 Strand Wire	PK	1

Spade Terminal



S210

DIVERSITECH

CATALOG NO.	DESCRIPTION	AWG	UOM	OM
S210	#6 stud, Pk of 16	22-18W	PK	1
S231C	#8 stud, Pk of 100	12-10W	PK	1

Visit DiversiTech.com for full offering.

WIRE CONNECTORS CONT'D

Wire Connectors-Screw On, U.L. Listed, C.S.A Approved



623-002

Color coded connectors make quick, secure connections for positive continuity. High dielectric thermoplastic shell resists chemical action from hydrocarbons, dilute acid or alkaline solutions. Deep skirt design prevents exposure of bare wire.

CATALOG NO.	DESCRIPTION	UOM	OM
623-001	Gray Screw-On – Size 71B, #22 to #16 AWG, 300V Max., pack of 100	PK	1
623-002	Blue Screw-On – Size 72B, #22 to #16 AWG, 300V Max., pack of 100	PK	1
623-003	Orange Screw-On – Size 73B, #22 to #14 AWG, 600V Max., pack of 100	PK	1
623-004	Yellow Screw-On – Size 74B, #18 to #10 AWG, 600V Max., pack of 100	PK	1
623-005	Red Screw-On – Size 76B, #18 to #10 AWG, 600V Max., pack of 100	PK	1

U.L. Listed. CSA Approved.

Wire Connectors-Winged, U.L. Listed, C.S.A Approved



623-007

Wings give surer grip; offset center design provides great twisting leverage. Expandable square-wire spring instantly adjusts to shape and size to create a strong, vibration-resistant connection. Same tough shell as screw-on type.

CATALOG NO.	DESCRIPTION	UOM	OM
623-000	Lg. Gray Winged – Size 78B, #14 to #8 AWG, 600V Max., pack of 50	PK	1
623-006	Yellow Winged – Size 84, #22 to #10 AWG, 600V Max., pack of 100	PK	1
623-007	Red Winged – Size 86, #18 to #10 AWG, 600V Max., pack of 100	PK	1
623-008	Blue Winged – Size 89, #10 to #6, 600V Max., pack of 50	PK	1

U.L. Listed. C.S.A. Approved.

Wire Connectors-Winged, U.L. Listed, C.S.A Approved

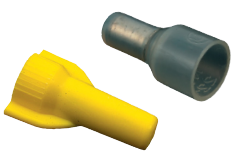


60083

CATALOG NO.	DESCRIPTION	UOM	OM
60083	Yellow Winged, Size 84, pack of 100	PK	1
58529	Tan Wire Nut	PK	1

U.L. Listed. C.S.A. Approved.

Wire Connectors-Contractor Packs, U.L. Listed, C.S.A Approved



C312 C222

These connectors have a high dielectric thermoplastic shell. These are UL listed and CSA approved. This product is great for making quick and secure connections.

CATALOG NO.	DESCRIPTION	UOM	OM
C222	Closed End Connectors 22-14 W, pack of 18	PK	1
C222C	Closed End Connectors 22-14 W, pack of 100	PK	1
C223	Closed End Connectors 18-10 W, pack of 15	PK	1
C223C	Closed End Connectors 18-10 W, pack of 100	PK	1
C241	Blue Wire Connectors 22-16 W, pack of 20	PK	1
C241L	Blue Wire Connectors 22-16 W, pack of 50	PK	1
C243	Orange Wire Connectors 22-14 W, pack of 15	PK	1
C243L	Orange Wire Connectors 22-14 W, pack of 50	PK	1
C245	Yellow Wire Connectors 18-10 W, pack of 13	PK	1
C245L	Yellow Wire Connectors 18-10 W, pack of 50	PK	1
C247	Red Wire Connectors 18-10 W, pack of 10	PK	1
C312	Yellow Winged Wire Connectors, pack of 13	PK	1
C312L	Yellow Winged Wire Connectors, pack of 50	PK	1
C512	Red Winged Wire Connectors, pack of 10	PK	1
C512L	Red Winged Wire Connectors, pack of 50	PK	1

U.L. Listed. CSA Approved.

THERMOSTAT WIRE

Thermostat Wire

Class 2 thermostat wire for indoor wiring needs. Soft drawn bare copper wire, semi rigid PVC insulation and PVC overall jacket. Packaged on aluminum spool.



620-18-5

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
620-18-2	18 AWG, 2 Conductors – 500 ft. Spool	EA	4
620-18-3	18 AWG, 3 Conductors – 500 ft. Spool	EA	4
620-18-4	18 AWG, 4 Conductors – 250 ft. Spool	EA	4
620-18-5	18 AWG, 5 Conductors – 250 ft. Spool	EA	4
620-18-6	18 AWG, 6 Conductors – 250 ft. Spool	EA	4
620-18-7	18 AWG, 7 Conductors – 250 ft. Spool	EA	4
620-18-8	18 AWG, 8 Conductors – 250 ft. Spool	EA	4
620-18-10	18 AWG,10 Conductors – 250 ft. Spool	EA	4
620-20-3	20 AWG, 3 Conductors – 500 ft. Spool	EA	4
620-20-4	20 AWG, 4 Conductors – 250 ft. Spool	EA	4
620-20-5	20 AWG, 5 Conductors – 250 ft. Spool	EA	4
620-20-6	20 AWG, 6 Conductors – 250 ft. Spool	EA	4
620-20-8	20 AWG, 8 Conductors – 250 ft. Spool	EA	4
620-20-10	20 AWG,10 Conductors – 250 ft. Spool	EA	4

U.L. Listed. Meets Subject 13 per Article 725, 1990 NEC.

Plenum Thermostat Wire

The Plenum Thermostat Wire is UL Listed type CL2P NEC Article 725 and is designed for use in thermostat control applications.



620-18-3P

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
620-18-2P	18 AWG, 2 Conductors – 500 ft. Spool	EA	4
620-18-3P	18 AWG, 3 Conductors – 500 ft. Spool	EA	4
620-18-6P	18 AWG, 6 Conductors – 250 ft. Spool	EA	4
620-18-8P	18 AWG, 8 Conductors – 250 ft. Spool	EA	4

Non-Metallic Sheathed Cable (Romex Wire)

600V building wire. Easy to pull and strip, flame and moisture resistant. Saves time, labor and money. Color coded conductors of copper, PVC insulation and outer jacket with ground. U.L. Listed 719 Federal Specifications J C94.



620-12-2

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
620-12-2	12 AWG, 2 Conductors with Ground – 250' per pack	EA	1
620-14-2	14 AWG, 2 Conductors with Ground – 250' per pack	EA	1

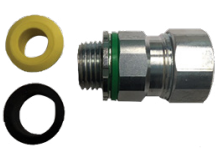
U.L. Listed 719 Federal Specifications J-C94.

HVAC Mini-Split Wiring Solutions

Southwire® is a market leader with its EZ-InTM Mini-Split cable designed specifically for mini-split installations. EZ-InTM Mini-Split cable, available in both shielded and non-shielded configurations, has brought ease if installation and savings to HVAC mini-split installations by eliminating the use of conduit or cable trays. Now, Southwire® has enhanced its offering with connectors and tools specifically designed with mini-split installations in mind.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
59351202	EZ-IN Shielded Mini-Split Cable, 14-4 Stranded, 600V, 250FT Reel	EA	1
59351203	EZ-IN Shielded Mini-Split Cable, 14-4 Stranded, 600V, 50FT Bag	EA	1
64235201	EZ-IN Shielded Mini-Split Cable Liquid Tight Straight Connector, 1/2" Hub Size	EA	25
64275801	EZ-IN Shielded Mini-Split Cable Liquid Tight 90 Degree Connector, 1/2" Hub Size	EA	15
58278040	Wire Strippers and Cutters, Heavy Duty, Stainless Steel, for 18-10AWG Wires	EA	5
58282040	Compact Conduit and Metal Scorer, Jacket Cutter	EA	3
58282240	Rotary Armor Cable Cutter with Rotary Blade	EA	2
58282340	Replacement Rotary Cutter Blades	EA	5
Point of Purchase Display with Liquid Tight Straight and 90 Degree Connectors, Cutter, Replacement Blades		EA	1





64235201

59351202,
59351203



64275801

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

STRANDED AND SOLID WIRE

Stranded Copper Wire on Spool

This copper wire is UL listed and THHN wire. It is 19 strand copper and is 600 V as well as 90°C Stranded. This comes 50 ft. per spool.



W125-50

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
W801-50	08 Gauge, 50 ft. Spool, Black	EA	1
W802-50	08 Gauge, 50 ft. Spool, Red	EA	1
W803-50	08 Gauge, 50 ft. Spool, Green	EA	1
W805-50	08 Gauge, 50 ft. Spool, White	EA	1
W101-50	10 Gauge, 50 ft. Spool, Black	EA	1
W102-50	10 Gauge, 50 ft. Spool, Red	EA	1
W103-50	10 Gauge, 50 ft. Spool, Green	EA	1
W104-50	10 Gauge, 50 ft. Spool, Blue	EA	1
W105-50	10 Gauge, 50 ft. Spool, White	EA	1
W121-50	12 Gauge, 50 ft. Spool, Black	EA	1
W122-50	12 Gauge, 50 ft. Spool, Red	EA	1
W123-50	12 Gauge, 50 ft. Spool, Green	EA	1
W124-50	12 Gauge, 50 ft. Spool, Blue	EA	1
W125-50	12 Gauge, 50 ft. Spool, White	EA	1
W141-50	14 Gauge, 50 ft. Spool, Black	EA	1
W142-50	14 Gauge, 50 ft. Spool, Red	EA	1
W143-50	14 Gauge, 50 ft. Spool, Green	EA	1
W144-50	14 Gauge, 50 ft. Spool, Blue	EA	1
W145-50	14 Gauge, 50 ft. Spool, White	EA	1

High Temperature Wire, 400ºF (204ºC), 600 V.

7 strand tin coated copper wire with silicone rubber insulation protected by a braided fiberglass jacket. Use on the front of all gas furnaces with spark ignition because of flame roll out on start up. Also on all power feeds to electric strip and duct heaters. Also used on all heat producing food preparation equipment.

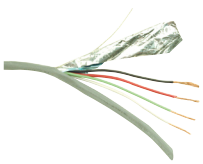


WHTR14-50

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
WHT20	14 Gauge, Black, 10 ft. White, 10 ft.	EA	1
WHTB14-50	14 Gauge, Black, 50 ft.	EA	1
WHTR14-50	14 Gauge, Red, 50 ft.	EA	1
WHTW14-50	14 Gauge, White, 50 ft.	EA	1
WHTB12-50	12 Gauge, Black, 50 ft.	EA	1
WHTB10-50	10 Gauge, Black, 50 ft.	EA	1

Wire for Mini-Split Installation

Wire and cabling specific for mini split installation power supply and control circuits.



230-18-4

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
230-18-4	Stranded Shielded CL3R, 50' per roll	EA	1
230-14-4	Stranded Non-Shielded CL3R, 50' per roll	EA	1
230-14-7	Stranded Non-Shielded CL3R, 50' per roll	EA	1
230-14-4S	Stranded Shielded CL3R, 50' per roll	EA	1

Visit DiversiTech.com for full offering.

SECOP - COMPRESSORS

Fractional Horsepower Compressors



TL5G-2

SECOP

Features

Replacement compressors for food service equipment, vending machines, bottle coolers, ice machines and other refrigeration equipment
Additional mounting configurations on base plate
Warranty: One year from installation or return no later than two years from manufacturer date - whichever comes first
For use with low, medium and high back pressure
Compact construction | Durable housing | Optimized motor technology | Wide voltage range
Low noise and high energy efficiency | Robust in tough operating conditions | BTU ratings based on Ashrae conditions

R134A

CATALOG NO.	NOMINAL HP	VOLTS-PHASE-HZ	BTU LT@ (-10/130°F)	BTU MT@ (20/130°F)	BTU HT@ (45/130°F)	MOUNTING CENTERS	I.D. DISCHARGE SIZE (IN.)	I.D. SUCTION SIZE (IN.)	UOM	OM
BD35F212	-	12/24V DC & 100-240V AC 50/60Hz	113 - 171	140 - 257	518 - 648	2.76 X 6.7	0.19	0.24	EA	1
BD50F212	-	12/24V DC & 100-240V AC 50/60Hz	142 - 245	360 - 613	633 - 810	2.76 x 6.7	0.20	0.252	EA	1
BD35F510	-	12/24V DC & 100-240V AC 50/60Hz	113 - 171	140 - 257	518 - 648	2.76 X 6.7	0.19	0.24	EA	1
BD80F390	-	12/24V DC & 100-240V AC 50/60Hz	142 - 245	360 - 613	633 - 810	2.76 x 6.7	0.20	0.252	EA	1
BD50F510	-	12/24V DC & 100-240V AC 50/60Hz	142 - 245	360 - 613	633 - 810	2.76 x 6.7	0.20	0.252	EA	1
PL35G-2	1/10	220/240-1-50/60	131	406	-	4 X 6.5	0.19	0.24	EA	1
PL50F-1	1/10	115-1-60	175	388	-	4 X 6.5	0.20	0.25	EA	1
TL2.5G-1	1/10	115V 60Hz	190	557	966	4 X 6.5	0.20	0.25	EA	1
TL2.5G-2	1/10	220/240-1-50/60	203	525	969	4 X 6.5	0.20	0.25	EA	1
TL3G-2	1/10	220/240-1-50/60	228	-	-	4 X 6.5	0.19	0.25	EA	1
TL3F-1	1/10+	115-1-60	253	639	-	4 X 6.5	0.25	0.378	EA	1
TL4G-2	1/10+	220/240-1-50/60	265	699	-	4 X 6.5	0.19	0.24	EA	1
TL4G-1	1/10+	115-1-60	306	729	1369	4 X 6.5	0.20	0.25	EA	1
TL5G-2	1/8	220/240-1-50/60	429	912	-	4 X 6.5	0.20	0.25	EA	1
TFS4.5FT-1	1/8	115-1-60	477	1135	-	4 X 6.5	0.25	0.32	EA	1
TL4GH-2	1/8	220/240-1-50/60	-	-	1525	4 X 6.5	0.19	0.24	EA	1
NL6.1MF-2	1/8	208/230-1-60		1309		4 X 6.5	0.24	0.32	EA	1
FR7.5G-2	1/4	220/240-1-50/60	662	-	-	4 X 6.5	0.24	0.32	EA	1
FR7GH-2	1/4	208/230-1-60	-	1320	2537	4 X 6.5	0.32	0.32	EA	1
FR8.5G-2	1/4	220/240-1-50/60	659	-	-	4 X 6.5	0.24	0.32	EA	1
FF8.5GX-1	1/4	115-1-60	662	1570	2842	4 X 6.5	0.25	0.31	EA	1
NF5.5FX-1	1/4	115-1-60	695	1442	-	4 X 6.5	0.25	0.32	EA	1
FF10GX-1	1/4	115-1-60	716	1721	3147	4 X 6.5	0.25	0.32	EA	1
NF6.1FX.2-1	1/4	115-1-60	721	1541	-	4 X 6.5	0.25	0.31	EA	1
FR10G-2	1/4	220/240-1-50/60	730	-	-	4 X 6.5	0.24	0.32	EA	1
NF7FX-1	1/4	115-1-60	858	1703	-	4 X 6.5	0.25	0.31	EA	1
NF7.3FX.2-1	1/4	115-1-60	892	1857	-	4 X 6.5	0.25	0.32	EA	1
NF10FX-2	1/3	220/240-1-50/60	905	-	-	4 X 6.5	0.25	0.32	EA	1
NF9FX-1	1/3	115-1-60	935	3374	-	4 X 6.5	0.25	0.32	EA	1
NF9FX-2	1/3	220-1-50	786	1825	-	4 X 6.5	0.25	0.32	EA	1
SC10GH-2	1/3	220/240-1-50/60	-	-	3510	4 X 6.5	0.32	0.40	EA	1
SC12G-1	1/3	115-1-60	972	2588	4730	4 X 6.5	0.25	0.31	EA	1
SC12G-2	1/3	220/240-1-50/60	976	2726	-	4 X 6.5	0.24	0.32	EA	1
NF8.4FX.2-1	1/3	115-1-60	1030	2106	-	4 X 6.5	0.25	0.32	EA	1
NF10FX-1	1/3	115-1-60	1046	2123	3756	4 X 6.5	0.25	0.32	EA	1
SC12GH-2	1/3	220/240-1-50/60	-	-	4680	4 X 6.5	0.32	0.40	EA	1
SC15GH-2	1/3	220/240-1-50/60	-	-	4694	4 X 6.5	0.32	0.40	EA	1
NF11FX-1	1/3	115-1-60	1101	2279	-	4 X 6.5	0.25	0.32	EA	1
NF11FX.2-1	1/3	115-1-60	1301	2700	4726	4 X 6.5	0.25	0.32	EA	1
SC15G-1	1/2	115-1-60	1241	3045	5496	4 X 6.5	0.25	0.32	EA	1
SC18G-1	1/2	115-1-60	1357	3469	6200	4 X 6.5	0.25	0.378	EA	1
SC18G-1T	1/2	115-1-60	1357	3469	6200	4 X 6.5	0.25	0.378	EA	1
SC21G-2	1/2+	208/230-1-60	1516	-	-	4 X 6.5	0.24	0.40	EA	1
SC15FT-2	1/2+	220/240-1-50/60	1542	-	-	4 X 6.5	0.24	0.40	EA	1
SC15FTX-1	1/2+	115-1-60	1550	3531	-	4 X 6.5	0.25	0.31	EA	1
SC15G-2	1/2+	220/240-1-50/60	1600	-	-	4 X 6.5	0.24	0.40	EA	1
SC18G-2	1/2+	220/240-1-50/60	1600	-	-	4 X 6.5	0.24	0.40	EA	1
SC18GH-2	1/2+	220/240-1-50/60	-	-	6237	4 X 6.5	0.25	0.40	EA	1
SC21FTX-2	1/2+	208/230-1-60	2180	-	-	4 X 6.5	0.24	0.40	EA	1

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

SECOP - COMPRESSORS CONT'D

Reciprocating Compressors

Features

Direct replacement compressors for Whirlpool, GE and Electrolux appliances
Replacement compressors for food service equipment, vending machines, bottle coolers, ice machines and other refrigeration equipment
Additional mounting configurations on base plate.



SC12CLX.2-1

SECOP

R404A

CATALOG NO.	NOMINAL HP	VOLTS-PHASE-HZ	BTU LT@ (-10/130°F)	BTU MT@ (20/130°F)	BTU HT@ (45/130°F)	MOUNTING CENTERS	I.D. DISCHARGE SIZE (IN.)	I.D. SUCTION SIZE (IN.)	UOM	OM
TF4CLX-1	1/5	115-1-60	702	1285	-	4 X 6.5	0.19	0.25	EA	1
TFS4.5CLX-1	1/4	115-1-60	926	-	-	4 X 6.5	0.19	0.25	EA	1
NF5.5CLX-1	1/3	115-1-60	1376	2209	-	4 X 6.5	0.25	0.31	EA	1
SC10CL-1	1/2	115-1-60	1420	3096	-	4 X 6.5	0.25	0.31	EA	1
NF7CLX-1	1/2	115-1-60	1716	2789	-	4 X 6.5	0.25	0.31	EA	1
SC10CLX-2	1/2	220/240-1-50/60	2002	4094	-	4 X 6.5	0.24	0.32	EA	1
SC12CL-1	1/2	115-1-60	2374	-	-	4 X 6.5	0.25	0.32	EA	1
SC12CLX.2-1	1/2	115-1-60	2466	-	-	4 X 6.5	0.25	0.32	EA	1
SC12CLX.2-2	1/2	220/240-1-50/60	2466	-	-	4 X 6.5	0.25	0.32	EA	1
SC12MLX-1	3/4	115-1-60	-	4391	-	4 X 6.5	0.25	0.32	EA	1
SC12MLX-2	3/4	208/230-1-60	-	4307	-	4 X 6.5	0.25	0.32	EA	1
SC15CLX.2-1	3/4	115-1-60	3000	-	-	4 X 6.5	0.25	0.378	EA	1
SC15CLX.2-1T	3/4	115-1-60	3000	-	-	4 X 6.5	0.25	0.378	EA	1
SC15CLX.2-2	3/4	208/230-1-60	3005	-	-	4 X 6.5	0.25	0.378	EA	1
SC15MLX.2-1	3/4	115-1-60	-	5120	-	4 X 6.5	0.25	0.378	EA	1
SC15MLX.2-2	3/4	208/230-1-60	-	5118	-	4 X 6.5	0.25	0.378	EA	1
SC18CLX.2-1	1	115-1-60	3656	-	-	4 X 6.5	0.25	0.378	EA	1
SC18CLX.2-2-230V	1	208/230-1-60	3797	-	-	4 X 6.5	0.25	0.378	EA	1
SC18MLX-1	1	115-1-60	-	6296	-	4 X 6.5	0.25	0.378	EA	1
SC18MLX-2	1	208/230-1-60	-	6291	-	4 X 6.5	0.25	0.381	EA	1



SCE21CNLX-2

R290

CATALOG NO.	VOLTS-PHASE-HZ	BTU LT@ (-10/130°F)	BTU MT@ (20/130°F)	BTU HT@ (45/130°F)	MOUNTING CENTERS	I.D. DISCHARGE SIZE (IN.)	I.D. SUCTION SIZE (IN.)	UOM	OM
DLE4CN-1	115-1-60	783	1416	-	4 X 6.5	0.25	0.32	EA	1
DLE4.8CN-1	115-1-60	972	1722	-	4 X 6.5	0.25	0.32	EA	1
DLE4.8CNT-2	208/230-1-60	964	1714	-	4 X 6.5	0.25	0.32	EA	1
DLE6.5CN-1	115-1-60	1283	2287	-	4 X 6.5	0.25	0.32	EA	1
NLE8.0CN-1	115-1-60	1545	3078	-	4 X 6.5	0.25	0.32	EA	1
NLE8.8CN-1	115-1-60	1751	3126	-	4 X 6.5	0.25	0.31	EA	1
NLE10CN-1	115-1-60	2073	3652	-	4 X 6.5	0.25	0.32	EA	1
SC12CNX.2-1	115-1-60	2085	4023	-	4 X 6.5	0.25	0.378	EA	1
NLE11CNL-1	115-1-60	2291	-	-	4 X 6.5	0.25	0.32	EA	1
NLE11MN-1	115-1-60	-	4107	-	4 X 6.5	0.25	0.32	EA	1
SCE15CNLX-1	115-1-60	2731	-	-	4 X 6.5	0.25	0.378	EA	1
SCE18CNLX-1	115-1-60	3220	-	-	4 X 6.5	0.25	0.378	EA	1
SCE18CNLX-2	208/230-1-60	3100	-	-	4 X 6.5	0.25	0.378	EA	1
SCE18MNX-1	115-1-60	-	6101	-	4 X 6.5	0.25	0.378	EA	1
SCE21CNLX-1	115-1-60	3715	-	-	4 X 6.5	0.25	0.378	EA	1
SCE21CNLX-2	208/230-1-60	3754	-	-	4 X 6.5	0.25	0.378	EA	1

EMBRACO - COMPRESSORS

Refrigeration Compressors



FFI12BX1

Features

Triple duty compressors that may be used in low, medium and high temperature applications (direct replacements for Tecumseh)
Replacement compressors for Whirlpool, GE and Electrolux appliances (EM models)
Replacement compressors for food service equipment, vending machines, bottle coolers, ice machines and other refrigeration equipment
BTU ratings are in ASHRAE conditions

	CATALOG NO.	NOMINAL HP	VOLTS-PHASE-HERTZ	LT @ -10°F	MT @ 20°F	HT @ 45°F	FOOT (IN.)	I.D. DISCHARGE SIZE (IN.)	I.D. SUCTION SIZE (IN.)	DIRECT REPLACEMENT FOR TECUMSEH	UOM	OM
R12 Blend	EMI30ER1	1/10	115-1-60	350	-	-	6.5 x 4.0*	3/16	1/4	—	EA	1
	EMI45ER1	1/8	115-1-60	485	-	-	6.5 x 4.0*	3/16	1/4	—	EA	1
	EMI55ER1	1/6	115-1-60	570	-	-	5.91 X 5.67*	1/4	5/16	—	EA	1
	EM65NR1	1/5	115-1-60	635	-	-	6.5 x 4.0*	1/4	5/16	—	EA	1
	FFC60BK1	1/5	115-1-60	756	1644	2573	6.5 x 4.0*	1/4	5/16	—	EA	1
	FF8.5BK1	1/5	115-1-60	850	1759	3080	6.5 x 4.0*	1/4	5/16	AEA3430AXA	EA	1
	FF10BK1	1/4	115-1-60	915	1908	3204	6.5 x 4.0*	1/4	5/16	AEA3430AXA	EA	1
	FF10BX1	1/4	115-1-60	915	2000	3200	6.5 x 4.0*	1/4	5/16	—	EA	1
	FF11.5BK1	1/4	115-1-60	1130	1893	4000	6.5 x 4.0*	1/4	5/16	—	EA	1
	FFI12BX1	1/3	115-1-60	1350	2600	5000	6.5 x 4.0*	1/4	5/16	AEA4440AXA, AEA2415AAB	EA	1
	EMIS30HHR1	1/10	115-1-60	340	742	1480	6.5 x 4.0*	3/16	1/4	AEA0335YXA	EA	1
	EM45HHR1	1/8	115-1-60	420	866	1775	6.5 x 4.0*	3/16	1/4	AZA0350YXA	EA	1
	EMI55HER1	1/6	115-1-60	510	-	-	6.5 x 4.0*	3/16	1/4	—	EA	1
	EMI60HER1	1/6+	115-1-60	570	-	-	6.5 x 4.0*	1/4	1/4	THA1358YXA	EA	1
	FF7.5HBK1	1/5	115-1-60	630	1622	2760	6.5 x 4.0*	1/4	5/16	AEA1360YXA	EA	1
	EMIS70HHR1	1/5	115-1-60	700	1829	-	6.5 x 4.0*	1/4	1/4	AE3425Y-AA1A	EA	1
	FF8.5HBK1	1/4	115-1-60	740	1745	3135	6.5 x 4.0*	1/4	5/16	AEA3425YXA, TPA1370YXA	EA	1
	FF8.5HBK1C**	1/4	115-1-60	740	1745	3135	6.5 x 4.0*	1/4	5/16	AEA3425YXA, TPA1370YXA	EA	1
	FF10HBX1	1/4+	115-1-60	840	1973	3650	6.5 x 4.0*	1/4	5/16	—	EA	1
	NEK6132Z1	1/6	115-1-60	-	800	1472	6.5 x 4.0*	1/4	5/16	—	EA	1
	NEK6160Z1	1/4	115-1-60	-	-	2884	6.5 x 4.0*	3/16	1/4	AEA3430AXA	EA	1
R134A	NEK6170Z1	1/4	115-1-60	-	-	3336	6.5 x 4.0*	3/16	1/4	AEA3430AXA	EA	1
	FF10HBK1	1/4+	115-1-60	840	1995	3530	6.5 x 4.0*	1/4	5/16		EA	1
	NE2121Z1	1/4	115-1-60	950	-	-	6.5 x 4.0*	1/4	5/16	—	EA	1
	FFU130HAX1	1/3	115-1-60	1250	3022	-	6.5 x 4.0*	1/4	5/16	AE2413Y-AA1B	EA	1
	FFI10HBX1	1/3	115-1-60	1065	2038	4400	6.5 x 4.0*	1/4	5/16	AEA4440YXA, AEA3440YXA	EA	1
	NEK6187Z1	1/3	115-1-60	-	-	3830	6.5 x 4.0*	1/4	5/16		EA	1
	NEK6210Z1	1/3+	115-1-60	-	2524	4524	6.5 x 4.0*	1/4	5/16	AEA4440AXA	EA	1
	FFI12HBX1	1/3+	115-1-60	1190	2886	5300	6.5 x 4.0*	1/4	5/16	AE4440Y-AA1A, AEA4448YXA	EA	1
	NEK6212Z1	1/2	115-1-60	-	-	5178	6.5 x 4.0*	1/4	5/16		EA	1
	NT6215Z1	1/2+	115-1-60	-	3705	6626	8.0 x 4.8*	1/4	3/8	AKA4460YXA	EA	1
	NEK6214Z1	1/2	115-1-60	-	-	5960	6.5 x 4.0*	1/4	5/16		EA	1
	NT6215Z2	1/2+	208-230/60/1	-	3739	6626	8.0 x 4.8*	1/4	3/8	AKA4460YXD	EA	1
	NT6217Z1	3/4	115-1-60	-	3909	7460	8.0 x 4.8*	1/4	3/8	AKA4476YXA	EA	1
	NT6217Z2	3/4	208/230-1-60	-	3909	7579	8.0 x 4.8*	1/4	3/8	AKA4476YXD	EA	1
	NE2130Z1	1/3	115-1-60	1252	-	-	6.5 x 4.0*	1/4	5/16	AE2413Y-AA1B	EA	1
	NE2134Z1	1/3	115-1-60	1452	-	-	6.5 x 4.0*	1/4	5/16	AEA2413YXA, AEA2415AAB	EA	1
	NT6220Z1	1	115-1-60	-	4369	8414	8.0 x 4.8*	1/4	3/8	—	EA	1
	NT6220Z2	1	208-230/60/1	-	4711	8414	8.0 x 4.8*	1/4	3/8	—	EA	1
	NJ6220Z1	1	115-1-60	-	5343	10169	8.0 x 4.8*	1/4	3/8	AJA4492AXA	EA	1
	NJ6220Z2	1	208-230/60/1	-	5343	10169	8.0 x 4.8*	1/4	3/8	AJA4492AXD	EA	1
	NJ6220ZX	1	460-3P	-	5343	10169	8.0 x 4.8*	1/4	3/8	—	EA	1
	NJ6226Z2	1	208-230/60/1	-	5821	11130	8.0 x 4.8*	1/4	3/8	—	EA	1
	NJ6226ZX	1	460-3P	-	6555	11882	8.0 x 4.8*	1/4	3/8	—	EA	1

*Additional mounting configurations on base plate. **FF8.5HBK1C includes start capacitor.
Cross reference comparisons do not imply that all products compared are exact in reference to form, fit and function. Review specifications carefully prior to purchase.

EMBRACO - COMPRESSORS CONT'D

Refrigeration Compressors

Applications

Replacement compressors for food service equipment, vending machines, bottle coolers, ice machines and other refrigeration equipment



NJ2192GK1

CATALOG NO.	NOMINAL HP	VOLTS-PHASE-HERTZ	BTU			FOOT (IN.)	I.D. DISCHARGE SIZE (IN.)	I.D. SUCTION SIZE (IN.)	DIRECT REPLACEMENT FOR TECUMSEH	UOM	OM
			LT @ -10°F	MT @ 20°F	HT @ 45°F						
NEK2121GK1	1/3	115-1-60	1212	-	-	6.5 x 4.0	3/16	1/4	—	EA	1
NEK2125GK1	1/3	115-1-60	1458	-	-	6.5 x 4.0	1/4	5/16	AEA2411ZXA	EA	1
NEK2134GK1	1/2	115-1-60	1947	-	-	6.5 x 4.0	1/4	5/16	AJA2419ZXA	EA	1
NEK2134GK2	1/2	208/230-1-60	1858	-	-	6.5 x 4.0	1/4	5/16	AJA2419ZXA	EA	1
NEK2150GK1	1/2	115-1-60	2448	-	-	6.5 x 4.0	1/4	5/16	—	EA	1
NT2168GKV1	3/4	115-1-60	2628	-	-	8.0 x 4.8	1/4	3/8	AJA2425ZXA	EA	1
NT2168GKV2	3/4	208/230-1-60	2628	-	-	8.0 x 4.8	1/4	3/8	AJA2425ZXA	EA	1
NEK2168GK1	1/2	115-1-60	2841	-	-	6.5 x 4.0	1/4	5/16	AJA2425ZXA	EA	1
NT2180GKV1	1	115-1-60	3962	-	-	8.0 x 4.8	1/4	3/8	—	EA	1
NT2180GKV2	1	208/230-1-60	3962	-	-	8.0 x 4.8	1/4	3/8	—	EA	1
NT2192GKV1	1 1/4	115-1-60	4306	-	-	8.0 x 4.8	1/4	3/8	—	EA	1
NT2192GKV2	1 1/4	208/230-1-60	4306	-	-	8.0 x 4.8	1/4	3/8	AHA2445AXD	EA	1
NJ2192GK1	1 1/4	115-1-60	4500	-	-	8.0 x 4.8	5/16	1/2	—	EA	1
NJ2192GJ2	1 1/4	208/230-1-60	4775	-	-	8.0 x 4.8	5/16	1/2	AJA2444ZXD	EA	1
NT2212GKV1	1 1/2	115-1-60	5710	-	-	8.0 x 4.8	1/4	3/8	AWA2460Z	EA	1
NT2212GKV2	1 1/2	208/230-1-60	5710	-	-	8.0 x 4.8	1/4	3/8	AWA2460ZXD	EA	1
NJ2212GK1	1 1/2	115-1-60	5444	-	-	8.0 x 4.8	5/16	1/2	—	EA	1
NJ2212GJ2	1 1/2	208/230-1-60	5491	-	-	8.0 x 4.8	5/16	1/2	—	EA	1
NEK6181GK1	1/3+	115-1-60	-	2629	4255	6.5 x 4.0	1/4	5/16	AEA9422EXA	EA	1
NEK6181GK2	1/3+	208/230-1-60	-	2629	4404	6.5 x 4.0	1/4	5/16	—	EA	1
NEK6210GK1	1/2	115-1-60	-	3216	5355	6.5 x 4.0	1/4	5/16	—	EA	1
NEK6210GK2	1/2	208/230-1-60	-	3216	5254	6.5 x 4.0	1/4	5/16	—	EA	1
NEK6213GK1	1/2+	115-1-60	-	4235	6660	6.5 x 4.0	1/4	5/16	—	EA	1
NEK6213GK2	1/2+	208-230/60/1	-	4235	6946	6.5 x 4.0	1/4	5/16	—	EA	1
NT6217GKV1	3/4	115/60/1	-	3511	-	8.0 x 4.8	1/4	3/8	AKA9442EXA	EA	1
NT6217GKV2	3/4	208-230/60/1	-	4369	7332	8.0 x 4.8	1/4	3/8	—	EA	1
NT6220GKV1	3/4	115/60/1	-	5015	8464	8.0 x 4.8	1/4	3/8	AWA9490Z	EA	1
NT6220GKV2	3/4	208-230/60/1	-	5015	8464	8.0 x 4.8	1/4	3/8	AKA9455EXD	EA	1
NT6222GKV1	1	115/60/1	-	6447	10376	8.0 x 4.8	1/4	3/8	—	EA	1
NT6222GKV2	1	208-230/60/1	-	6447	9992	8.0 x 4.8	1/4	3/8	AKA9462EXD, AWA9512Z	EA	1
NTU6232GKV2	1	208-230/60/1	-	7169	-	8.0 x 4.8	3/8	1/2	AJA9484EXD	EA	1
NT6224GKV1	1	115/60/1	-	7348	12326	8.0 x 4.8	1/4	3/8	—	EA	1
NT6224GKV2	1	208-230/60/1	-	7348	11984	8.0 x 4.8	1/4	3/8	AKA5512EXD	EA	1
NT6226GKV1	1+	115/60/1	-	7983	13254	8.0 x 4.8	1/4	3/8	—	EA	1
NT6226GKV2	1+	208-230/60/1	-	7675	-	8.0 x 4.8	1/4	3/8	—	EA	1
NTU6234GKV2	1 1/4	208-230/60/1	-	8453	-	8.0 x 4.8	3/8	1/2	—	EA	1
NJ9232GK2	1	208-230/60/1	-	9066	-	8.0 x 4.8	5/16	1/2	—	EA	1
NTU6238GKV2	1 1/2	208-230/60/1	-	9379	-	8.0 x 4.8	3/8	1/2	—	EA	1
NJ9238GK2	1 1/2	208-230/60/1	-	10743	-	8.0 x 4.8	5/16	1/2	—	EA	1

R404A

EMBRACO - COMPRESSORS CONT'D

Refrigeration Compressors



NEU2168U1

Features

High efficiency compressors designed for natural refrigerant with extremely low GWP (Global Warming Potential).
Replacement compressors for light commercial refrigeration.
Full L/MBP operating envelope.
Lower operating pressures and low refrigerant charge.

CATALOG NO.	NOMINAL HP	VOLTS-PHASE-HERTZ	BTU LT @ -10°F	BTU MT @ 20°F	BTU HT @ 45°F	FOOT (IN.)	I.D. DISCHARGE SIZE (IN.)	I.D. SUCTION SIZE (IN.)	DIRECT REPLACEMENT FOR TECUMSEH	UOM	OM
EMX4125U	1/3	115-127/60/1	1169	2606	N/A	6.5 x 4.0	1/4	1/4	TCW390U	EA	1
EMI50UER1	1/6	115/60/1	522	1211	N/A	6.5 x 4.0	1/3	5/16	TCW350U-DS6B	EA	1
EMI70UER1	1/5	115/60/1	699	1548	N/A	6.5 x 4.0	1/3	5/16	—	EA	1
EMI90UEX1	1/4	115/60/1	947	1798	N/A	6.5 x 4.0	1/4	1/4	TCW390U-DS6B	EA	1
FFU130UAX1	1/3	115/60/1	1358	2447	N/A	6.5 x 4.0	1/4	5/16	TCW410U-DS6B	EA	1
FFU160UAX1	1/2	115/60/1	1718	2969	N/A	6.5 x 4.0	1/4	5/16	TCW413U-DS1B	EA	1
NEU2155U1	1/2	115/60/1	2586	N/A	N/A	6.5 x 4.0	1/4	5/16	AEX424U-DS3C	EA	1
NEU2168U1	1/2	115/60/1	3241	N/A	N/A	6.5 x 4.0	1/4	5/16	AEX433U-DS3C	EA	1
NT2180UV2	1	208-230/60/1	3577	N/A	N/A	8.0 x 4.8	1/4	3/8	—	EA	1
NT2210UV1	1-1/4	115/60/1	4514	N/A	N/A	8.0 x 4.8	1/4	3/8	—	EA	1
NT2210UV2	1	208-230/60/1	4514	N/A	N/A	8.0 x 4.8	1/4	3/8	—	EA	1

R290*

*All R290 models are available upon request. Non-stock items.

Embraco Condensing Units



UFI10HBX1

CATALOG NO.	NOMINAL HP	REFRIGERANT	VOLTS-PHASE-HERTZ	BTU MT @ 20°F	BTU HT @ 45°F	UOM	OM
UFI10HBX1	1/2	134a	115-1-60	2720	4437	EA	1
UNEU6214Z1	1/3	134a	115-1-60	3708	5822	EA	1
UNT6220Z1	3/4	134a	115-1-60	4449	7491	EA	1
UNT6220Z2	3/4	134a	208/230-1-60	4894	7872	EA	1

TITAN FORCE - COMPRESSORS

Reciprocating A/C Compressors



TFH5520EXN

TITAN FORCE

Applications

Air Conditioning
Heat Pump

Features

POE Oil
For R22 and R410A Designed System Replacement
PSC motors are standard in all single-phase compressor models
BTU capacity ratings are based on 45°F evaporating temperature
Mounting hardware included
Molded plug included for most models

	CATALOG NO.	NOMINAL HP	VOLTS-PHASE-HZ	CAPACITY (BTU)	FOOT (IN.)	DISCHARGE I.D. (IN.)	SUCTION I.D. (IN.)	CRANK CASE HEATER	HEIGHT (IN.)	UOM	OM
R22	**TFH5515EXN**	1-1/4	208/230-1-60	15200	7.5 x 7.5	3/8	5/8	Yes	13.1	EA	1
	TFH5517EXD	1-1/2	208/230-1-60	16600	4.8 x 8	5/16	1/2	No	11.2	EA	1
	TFH5532EXN	2-1/2	208/230-1-60	31500	7.5 x 7.5	3/8	3/4	Yes	13.1	EA	1
	TFH5538EXG	3	460-3-60	38400	7.5 x 7.5	1/2	7/8	Yes	14.6	EA	1
	TFH5538EXT	3	208/230-1-60	38400	7.5 x 7.5	1/2	7/8	Yes	14.6	EA	1
	TFH5542EXG	3-1/2	460-3-60	42500	7.5 x 7.5	1/2	7/8	Yes	14.6	EA	1
	TFH5546EXG	3-3/4	460-3-60	46500	7.5 x 7.5	1/2	7/8	Yes	14.6	EA	1
	TFH5546EXN	3-3/4	208/230-1-60	46500	7.5 x 7.5	1/2	7/8	Yes	14.6	EA	1
	TFH5568EXT	5-1/2	208/230-3-60	68000	7.5 x 7.5	1/2	7/8	Yes	16.4	EA	1
	TFH5573EXG	6	460-3-60	72500	7.5 x 7.5	1/2	7/8	Yes	16.4	EA	1
R410A†	**TFH5516BXN**	1-1/4	208/230-1-60	16200	7.5 x 7.5	3/8	5/8	No	13.672	EA	1
	TFH5520BXN	1-3/4	208/230-1-60	20200	7.5 x 7.5	3/8	5/8	No	13.672	EA	1
	TFH5525BXN	2	208/230-1-60	25750	7.5 x 7.5	3/8	5/8	No	13.672	EA	1
	TFH5528BXN	2	208/230-1-60	28300	7.5 x 7.5	3/8	5/8	No	13.672	EA	1

LG - COMPRESSORS

Air Conditioning Scrolls



APG024KBCS

Features

Quiet Start-up and Shut-down: Sound is minimized by a check valve in the discharge port of the scroll sets
Discharge Temperature Protection (DTP):
Internal thermal sensor protects against excessively high scroll temperatures
Internal Pressure Relief (IPR): Relief valve opens at very high internal pressures protecting the unit
Internal Motor Overload Protection (OLP):
Thermal switch senses high temperature of the compressor motor windings

R22, R407C

CATALOG NO.	NOMINAL HP	VOLTS-PHASE-HERTZ	CAPACITY (BTU)	DISCHARGE LINE I.D.	SUCTION LINE I.D.	RUN CAPACITOR MFD/VOLTS	DIRECT REPLACEMENT FOR COPELAND	UOM	OM
SRA053KAZ	4-1/2	208/230-1PH-60	53500	1/2	7/8	70/440	ZR54K5-PFV	EA	1

R410A

GEN 2 CATALOG NO.	NOMINAL HP	VOLTS-PHASE-HERTZ	GEN 2 CAPACITY (BTU)	MOUNTING CENTERS	I.D. DISCHARGE LINE (IN.)	I.D. SUCTION LINE (IN.)	RUN CAPACITOR MFD/VOLTS	UOM	OM
APG016KACS	1-1/2	208/230-1-60	15,500	7-1/2 x 7-1/2	1/2	3/4	35/370	EA	1
APG020KACS	2	208/230-1-60	20,000	7-1/2 x 7-1/2	1/2	3/4	35/370	EA	1
APG024KBCS	2+	208/230-1-60	23,500	7-1/2 x 7-1/2	1/2	3/4	40/370	EA	1
APG031KACS	3	208/230-1-60	30,800	7-1/2 X 7-1/2	1/2	3/4	45/440	EA	1
APG031RACS	3	208/230-3-60	30,300	7-1/2 X 7-1/2	1/2	3/4	-	EA	1
ABG034KACS	3	208/230-1-60	34,350	7-1/2 X 7-1/2	1/2	7/8	45/440	EA	1
ABG036KACS	3+	208/230-1-60	36,000	7-1/2 X 7-1/2	1/2	7/8	45/440	EA	1
ABG042KACS	4	208/230-1-60	42,000	7-1/2 X 7-1/2	1/2	7/8	70/440	EA	1
ABG042RACS	4	208/230-3-60	41,500	7-1/2 x 7-1/2	1/2	7/8	-	EA	1
ABG042WACS	4	460-3-60	41,500	7-1/2 x 7-1/2	1/2	7/8	-	EA	1
ABG051KACS	5	208/230-1-60	51,000	7-1/2 x 7-1/2	1/2	7/8	75/440	EA	1
ABG051RACS	5	208/230-3-60	51,000	7-1/2 x 7-1/2	1/2	7/8	80/440	EA	1
ABG051WACS	5	460-3-60	51,000	7-1/2 x 7-1/2	1/2	7/8	-	EA	1

Capacities are at ARI conditions.

Cross reference comparisons do not imply that all products compared are exact in reference to form, fit and function.
Review specifications carefully prior to purchase.

LG - COMPRESSORS CONT'D

Medium Temp Refrigeration Scrolls

Features

External thermal sensor protects the scroll mechanism from overheating
A relief valve that opens to protect against high internal pressure
Square mount for a quick and easy install
POE oil charged



MPA010KAA

LG

R404A, R507, R407A, R407C, R448A, R449A

CATALOG NO.	NOMINAL H.P	VOLTS-PHASE-HERTZ	CAPACITY (BTU) @20°F EVAP. / 120°F COND.	DISCHARGE LINE I.D.	SUCTION LINE I.D.	RUN CAPACITOR MFD/VOLTS	DIRECT REPLACEMENT FOR COPELAND	DIRECT REPLACEMENT FOR HEATCRAFT*	UOM	OM
MPA010KAA	1-1/4	208/230-1-60	9700	1/2	3/4	30/370	ZS09KAE-PFV	21518201	EA	1
MPA010RAA	1-1/4	208/230-3-60	9600	1/2	3/4	N/A	ZS09KAE-TF5	21518202	EA	1
MPA010SAA	1-1/4	460-3-60	9650	1/2	3/4	N/A	ZS09KAE-TFD	21518203	EA	1
MPA013KAA	1-3/4	208/230-1-60	12500	1/2	3/4	35/370	ZS13KAE-PFV	21518204	EA	1
MPA013RAA	1-3/4	208/230-3-60	12700	1/2	3/4	N/A	ZS13KAE-TF5	21518205	EA	1
MPA013SAA	1-3/4	460-3-60	12700	1/2	3/4	N/A	ZS13KAE-TFD	21518206	EA	1
MPA015KAA	2	208/230-1-60	15200	1/2	3/4	40/370	ZS15KAE-PFV	21518207	EA	1
MPA015RAA	2	208/230-3-60	14900	1/2	3/4	N/A	ZS15KAE-TF5	21518208	EA	1
MPA015SAA	2	460-3-60	14900	1/2	3/4	N/A	ZS15KAE-TFD	21518209	EA	1
MPA019KAA	2-1/4	208/230-1-60	16900	1/2	3/4	45/370	ZS19KAE-PFV	21518210	EA	1
MPA019RAA	2-1/4	208/230-3-60	16800	1/2	3/4	N/A	ZS19KAE-TF5	21518211	EA	1
MPA019SAA	2-1/4	460-3-60	16800	1/2	3/4	N/A	ZS19KAE-TFD	21518212	EA	1
MBA021KAA	2-3/4	208/230-1-60	22400	1/2	7/8	55/370	ZS21KAE-PFV	21518213	EA	1
MBA021RAA	2-3/4	208/230-3-60	22400	1/2	7/8	N/A	ZS21KAE-TF5	21518214	EA	1
MBA021SAA	2-3/4	460-3-60	22400	1/2	7/8	N/A	ZS21KAE-TFD	21518215	EA	1
MBA026KAA	3	208/230-1-60	25000	1/2	7/8	55/370	ZS26KAE-PFV	21518216	EA	1
MBA026RAA	3	208/230-3-60	24800	1/2	7/8	N/A	ZS26KAE-TF5	21518217	EA	1
MBA026SAA	3	460-3-60	24800	1/2	7/8	N/A	ZS26KAE-TFD	21518218	EA	1
MBA029KAA	3-1/2	208/230-1-60	27700	1/2	7/8	60/440	ZS29KAE-PFV	21518219	EA	1
MBA029RAA	3-1/2	208/230-3-60	27800	1/2	7/8	N/A	ZS29KAE-TF5	21518220	EA	1
MBA029SAA	3-1/2	460-3-60	27700	1/2	7/8	N/A	ZS29KAE-TFD	21518221	EA	1
MBA033KAA	4	208/230-1-60	31100	1/2	7/8	80/440	ZS33KAE-PFV	21518222	EA	1
MBA033RAA	4	208/230-3-60	31300	1/2	7/8	N/A	ZS33KAE-TF5	21518223	EA	1
MBA033SAA	4	460-3-60	31300	1/2	7/8	N/A	ZS33KAE-TFD	21518224	EA	1
MRA038KAA	4-1/2	208/230-1-60	37000	1/2	7/8	80/440	ZS38K4E-PFV	21518225	EA	1
MRA038RAA	4-1/2	208/230-3-60	37200	1/2	7/8	N/A	ZS38K4E-TF5	21518226	EA	1
MRA038SAA	4-1/2	460-3-60	37800	1/2	7/8	N/A	ZS38K4E-TFD	21518227	EA	1
MRA045RAA	5-1/4	208/230-3-60	45100	1/2	7/8	N/A	ZS45K4E-TF5	21518228	EA	1
MRA045SAA	5-1/4	460-3-60	45200	1/2	7/8	N/A	ZS45K4E-TFD	21518229	EA	1

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Review specifications carefully prior to purchase.

BRISTOL - COMPRESSORS

Reciprocating Compressors



H2EB18SABCBP

The Bristol line of reciprocating compressors are designed for easy drop-in installation for air conditioning and heat pump applications. The compressors are designed for use with R22 or R407C refrigerants and are charged with POE oil for versatility.

Features

Single phase and three phase options
Quick connect wiring connections
Mounting hardware and terminal cover included
Internal crankcase heaters included where noted

R22, R407C

CATALOG NO.	NOM. H.P	VOLTS-PHASE-HERTZ	CAPACITY (BTU)	MOUNTING (IN.)	DISCHARGE I.D. (IN.)	SUCTION I.D. (IN.)	CCH	COPELAND	TECUMSEH	TITAN FORCE	UOM	OM
H2EB18SABCAP	1-1/2	208/230-1-60	17600	7-1/2 x 7-1/2	3/8	5/8	NO	CR18K6E-PFV-875	AWG5519EXN	TFH5517EXD TFH5519EXN	EA	1
H2EB18SABCBP	1-1/2	208/230-1-60	17600	4 x 8	3/8	5/8	NO	—	—	—	EA	1
H2EB223ABCAP	2	208/230-1-60	21800	7-1/2 x 7-1/2	3/8	5/8	NO	CR22K6E-PFV-875	AWG5520EXN	TFH5520EXN	EA	1
H2EB24SABCAP	2	208/230-1-60	23600	7-1/2 x 7-1/2	1/2	3/4	NO	CR24K6E-PFV-875	AWG5524EXN	TFH5524EXN	EA	1
H2EB24SABCBP	2	208/230-1-60	23600	4 x 8	3/8	5/8	NO	—	AWG5524EXN	TFH5524EXN-B	EA	1
H2EB28SABCAP	2-1/2	208/230-1-60	28300	7-1/2 x 7-1/2	1/2	3/4	NO	CR28K6E-PFV-875	AWG5528EXN	TFH5528EXN	EA	1
H2EB283ABCBP	2-1/2	208/230-1-60	28100	4 x 8	3/8	5/8	NO	—	—	—	EA	1
H2EB32SABCAP	2-1/2	208/230-1-60	31500	7-1/2 x 7-1/2	1/2	3/4	NO	CR30K6E-PFV-875 CR32K6E-PFV-875	AWG5530EXN	TFH5530EXN TFH5532EXN	EA	1
H22J153ABCAP	1	208/230-1-60	15500	7-1/2 x 7-1/2	1/2	3/4	YES	CR16K6E-PFV-875	AWG5515EXN	TFH5515EXN	EA	1
H22J183ABCAP	1-1/2	208/230-1-60	18300	7-1/2 x 7-1/2	1/2	3/4	YES	CR18K6E-PFV-875 CR20K6E-PFV-875	AWG5519EXN	TFH5519EXN	EA	1
H22J253ABCAP	2	208/230-1-60	24200	7-1/2 x 7-1/2	1/2	3/4	YES	CR24K6E-PFV-875	AWG5524EXN	TFH5524EXN	EA	1
H22J293ABCAP	2-1/2	208/230-1-60	28800	7-1/2 x 7-1/2	1/2	3/4	YES	CR28K6E-PFV-875	AWG5530EXN	TFH5528EXN	EA	1
H22J333ABCAP	2-1/2	208/230-1-60	31900	7-1/2 x 7-1/2	1/2	3/4	YES	CR32K6E-PFV-875	AWG5532EXN	TFH5530EXN TFH5532EXN	EA	1
H22J363ABCAP	3	208/230-1-60	35700	7-1/2 x 7-1/2	1/2	3/4	YES	CR34K6E-PFV-875 CR35K6E-PFV-875	AVA5535EXN	TFH5535EXN	EA	1
H22J383ABCAP	3	208/230-1-60	37800	7-1/2 x 7-1/2	1/2	3/4	YES	CR38K6E-PFV-875 CR38K6E-TF5-875	AVA5538EXN	TFH5538EXN	EA	1
H22J383DBVAP	3	460-3-60	37500	7-1/2 x 7-1/2	1/2	3/4	YES	CR38K6E-TFD-875	AVA5568EXG	TFH5538EXG	EA	1
H22J413ABCAP	3-1/2	208/230-1-60	40900	7-1/2 x 7-1/2	1/2	3/4	YES	CR42K6E-PFV-875	AVA5542EXN	TFH5538EXN	EA	1
H22J413DBEAP	3-1/2	460-3-60	40400	7-1/2 x 7-1/2	1/2	3/4	YES	CR42K6E-TFD-875	AVA5538EXG	TFH5538EXG	EA	1
H22J443ABCAP	4	208/230-1-60	44300	7-1/2 x 7-1/2	1/2	3/4	YES	CR47KQE-PFV-970	AVA5546EXN	TFH5542EXN TFH5546EXN	EA	1
H22J443DBEAP	4	460-3-60	44100	7-1/2 x 7-1/2	1/2	3/4	YES	CR47KQE-TFD-970	AVA5542EXG AVA5546EXG	TFH5542EXG TFH5546EXG	EA	1
H22A543ABCAP	4-1/2	208/230-1-60	53400	7-1/2 x 7-1/2	1/2	7/8	YES	CR53KQE-PFV-970	AVB5558EXN	TFH5558EXN	EA	1
H22A543DBEAP	4-1/2	460-3-60	53400	7-1/2 x 7-1/2	1/2	7/8	YES	CRP5-0450-TFD CR53KQE-TFD-970	AVB5558EXG	TFH5558EXG	EA	1
H22A583ABCAP	4-1/2	208/230-1-60	57100	7-1/2 x 7-1/2	1/2	7/8	YES	CRPQ-045E-PFV-970	AVB5558EXN	TFH5558EXN	EA	1
H22A583DBEAP	4-1/2	460-3-60	58400	7-1/2 x 7-1/2	1/2	7/8	YES	CRP5-0500-TFD CRPQ-045E-TFD-970	AVB5558EXG	TFH5558EXG	EA	1
H22A623DBLAP	5	208/230-3-60	60800	7-1/2 x 7-1/2	1/2	7/8	YES	CRNQ-050E-TF5-970	AVB5558EXT	—	EA	1
H22A623DBEAP	5	460-3-60	60800	7-1/2 x 7-1/2	1/2	7/8	YES	CRNQ-050E-TFD-970	AVB5558EXG	—	EA	1

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

HEAT EXCHANGERS

Liquid Chillers/Evaporators

Designed for 1/2 to 80 tons applications for refrigerants other than R410A and ammonia
Maximum allowable working pressure: 450 psig (31Bar)



GBS400H-8

Kelvion

DESCRIPTION	DIRECT REPLACEMENT FOR FLAT PLATE / GEA SERIES	CAPACITY (SINGLE HEAT EXCHANGER*)
Chillers	CH	1/2 through 80 Tons
Condensers	C	1/2 through 80 Tons
Subcoolers	SC	1 through 120 Tons

*More than one heat exchanger can be installed in series or parallel for larger capacity

Standard Connections

CATALOG NO.	JDE ID	NOMINAL TONS	REF IN (IDS)	REF OUT (IDS)	FLUID (IDS)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 12″ Models (4.9″W x 13.2″H)									
GBS400H-10 (OA1,H2) B	100237044	1	5/8	5/8	7/8	1.4	8	EA	1
GBS400H-16 (OA1, H2)B	100237046	1-1/2	5/8	5/8	7/8	1.8	9	EA	1
GBS400H-20 (OA1,H2) B	100237047	2	5/8	5/8	7/8	2.1	10	EA	1
GBS400H-24 (OA1,H2) B	100237048	2-1/2	5/8	5/8	7/8	2.5	11	EA	1
GBS400H-30 (OA1,H2) B	100237049	3	5/8	5/8	7/8	3	13	EA	1
GBS400H-AE-44 (H1,OA1,IA2) B	100241197	4	5/8	7/8	1-1/8	4.3	17	EA	1
GBS400H-AE-50 (K1,H1,K2) B	100236928	5	5/8	7/8	1-1/8	5.1	20	EA	1
5″ x 20″ Models (4.9″W x 20.9″H)									
GBS500H-10 (OA1,H2) B	100237057	2	5/8	5/8	7/8	1.3	10	EA	1
GBS500H-14 (OA1,H2) B	100237059	3	5/8	5/8	7/8	1.6	12	EA	1
GBS500H-AE-20 (H1,OA1,IA2) B	100291102	4	5/8	7/8	1-1/8	2.1	15	EA	1
GBS500H-AE-24 (H1,OA1,IA2) B	100291106	5	5/8	7/8	1-1/8	2.5	17	EA	1
GBS500H-AE-30 (IA1,H1,IA2) B	100316123	6	7/8	1-1/8	1-1/8	3	20	EA	1
GBS500H-AE-40 (IA1,H1,IA2) B	100237063	7-1/2	7/8	1-1/8	1-1/8	3.9	26	EA	1
GBS500H-AE-50 (K1,H1,K2) B	100316134	10	7/8	1-3/8	1-3/8	4.8	31	EA	1
GBS500H-AE-60 (K1,H1,K2) B	100247302	12	7/8	1-3/8	1-3/8	5.7	36	EA	1
GBS500H-AE-70 (K1,H1,K2) B	100095023	15	7/8	1-3/8	1-3/8	6.5	42	EA	1
10″ x 20″ Models (10.7″W x 20.9″H)									
GBS700M-AE-24 (K1,H1,LZA2) B	100279140	10	7/8	1-3/8	1-5/8	2.6	50	EA	1
GBS700M-AE-30 (K1,H1,LZA2) B	100279144	12	7/8	1-3/8	1-5/8	3.1	57	EA	1
GBS700M-AE-40 (K1,H1,LZA2) B	100279150	15	7/8	1-3/8	1-5/8	4	69	EA	1
GBS700M-AE-50 (LZA1,H1,LZA2) B	100279397	20	7/8	1-5/8	1-5/8	4.9	81	EA	1
GBS700M-AE-60 (LZA1,IA1,LAA2) B	100285957	25	1-1/8	1-5/8	2-1/8	5.8	93	EA	1
GBS700M-AE-70 (LAA1,IA1,LAA2) B	100447331	30	1-1/8	2-1/8	2-1/8	6.6	105	EA	1
GBS700M-AE-90 (LAA1,IA1,ZD2) B	100289871	35	1-1/8	2-1/8	2-5/8	8.4	129	EA	1
GBS700M-AE-100 (LAA1,IA1,ZD2) B	100289875	40	1-1/8	2-1/8	2-5/8	9.3	141	EA	1
GBS700M-AE-130 (ZD1,IA1.ZD2) B	100279445	50	1-1/8	2-5/8	2-5/8	12	176	EA	1
GBS700M-AE-150 (ZD1,IA1.ZD2) B	100279448	60	1-1/8	2-5/8	2-5/8	13.7	200	EA	1
GBS700M-AE-190 (ZD1,IA1.ZD2) B	100738481	80	1-1/8	2-5/8	2-5/8	17.3	248	EA	1

HEAT EXCHANGERS

High Pressure Liquid Chillers/Evaporators

Designed for R-410A applications, 1/2 to 80 tons - can be used with other refrigerants as well (except ammonia)
Maximum allowable working pressure: 650 psig (45Bar)



GBH-UL400H-8

Kelvion

Standard Connections

CATALOG NO.	JDE ID	NOMINAL TONS	REF IN (IDS)	REF OUT (IDS)	FLUID (IDS)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 12″ Models (4.9″W x 13.2″H)									
GBH-UL400H-8 (OA1,H2) B	**100615724**	1/2	5/8	5/8	7/8	1.1	6	EA	1
GBH-UL400H-10 (OA1,H2) B	**100640917**	3/4	5/8	5/8	7/8	1.25	7	EA	1
GBH-UL400H-12 (OA1,H2) B	**100758116**	1	5/8	5/8	7/8	1.4	8	EA	1
GBH-UL400H-16 (OA1,H2) B	**100567980**	1-1/2	5/8	5/8	7/8	1.8	9	EA	1
GBH-UL400H-20 (OA1,H2) B	**100762534**	2	5/8	5/8	7/8	2.1	10	EA	1
GBH-UL400H-24 (OA1,H2) B	**100601245**	2-1/2	5/8	5/8	7/8	2.5	11	EA	1
GBH-UL400H-30 (OA1,H2) B	**100601247**	3	5/8	5/8	7/8	3	12	EA	1
GBH-UL400H-36 (OA1,H2) B	**100724929**	3-1/2	5/8	5/8	7/8	3.6	14	EA	1
5″ x 20″ Models (4.9″W x 20.9″H)									
GBH-UL500H-14 (OA1,H2) B	**100614758**	3	5/8	5/8	7/8	1.6	12	EA	1
GBH-UL500H-AE-20 (H1,OA1,IA2) B	**100608758**	4	5/8	7/8	1-1/8	2.1	15	EA	1
GBH-UL500H-AE-24 (H1,OA1,IA2) B	**100623156**	5	5/8	7/8	1-1/8	2.5	17	EA	1
GBH-UL500H-AE-30 (IA1,H1,IA2) B	**100528288**	6	7/8	1-1/8	1-1/8	3.0	20	EA	1
GBH-UL500H-AE-40 (IA1,H1,IA2) B	**100758851**	7-1/2	7/8	1-1/8	1-1/8	3.9	26	EA	1
10″ x 20″ Models (9.8″W x 20.3″H)									
CH10-XP	**100103885**	10	7/8	1-3/8	1-5/8	2.6	81	EA	1
CH15-XP	**100103495**	15	7/8	1-3/8	1-5/8	4.1	97	EA	1

HEAT EXCHANGERS

Subcoolers



GBS400H-AE-8

Kelvion

Features

Designed for refrigerants other than R410A and ammonia
Maximum allowable working pressure: 450 psig (31Bar)

Standard Connections

CATALOG NO.	JDE ID	NOMINAL TONS	REF. IN	REF. OUT	FLUID (IDS)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 12″ Models (4.9″W x 13.2″H)									
GBS400H-AE-8 (H1,OA1,IA2) B	**100315950**	1	5/8	7/8	1-1/8	1.1	6	EA	1
GBS400H-AE-12 (H1,OA1,IA2) B	**100315952**	2	5/8	7/8	1-1/8	1.4	8	EA	1
GBS400H-AE-16 (H1,OA1,IA2) B	**100236925**	3	5/8	7/8	1-1/8	1.8	9	EA	1
GBS400H-AE-20 (H1,OA1,IA2) B	**100297952**	4	5/8	7/8	1-1/8	2.1	10	EA	1
GBS400H-AE-22 (IA1,H1,IA2) B	**100315959**	5	7/8	1-1/8	1-1/8	2.3	11	EA	1
GBS400H-AE-30 (IA1,H1,IA2) B	**100236926**	7-1/2	7/8	1-1/8	1-1/8	3	13	EA	1
GBS400H-AE-36 (K1,H1,K2) B	**100315961**	8	7/8	1-3/8	1-3/8	3.5	15	EA	1
10″ x 20″ Models (10.7″W x 20.9″H)									
GBS700M-AE-20 (LZA1,IA1,LAA2) B	**100656134**	16	1-1/8	1-5/8	2-1/8	2.3	45	EA	1
GBS700M-AE-30 (LZA1,IA1,LAA2) B	**100641332**	22	1-1/8	1-5/8	2-1/8	3.3	57	EA	1
GBS700M-AE-40 (LAA1,IA1,ZD2) B	**100289876**	28	1-1/8	2-1/8	2-5/8	4.2	69	EA	1

Dual Circuit Refrigerant Liquid Chillers



CH5-2C

Kelvion

Features

2C (Two Circuit) Chiller for 3 to 80 tons
Designed for refrigerants other than R410A and ammonia
Maximum allowable working pressure: 450 psig (31Bar)

Standard Connections

CATALOG NO.	JDE ID	NOMINAL TONS	REF IN (IDS)	REF OUT (IDS)	FLUID (MPT)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
2 Circuit 10″ x 20″ Models (9.8″W x 20.3″H) - Low Pressure									
CH15-2C	**100100312**	15	7/8	1-1/8	1-1/2	3.8	77	EA	1
CH30-2C	**100098324**	30	7/8	1-1/8	1-1/2	7	115	EA	1
CH60-2C	**100100665**	60	1-1/8	2-1/8	2-1/2	13.9	194	EA	1

Features

Designed for R410A
Maximum allowable working pressure: 650 psig (45Bar)

CATALOG NO.	JDE ID	NOMINAL TONS	REF IN (IDS)	REF OUT (IDS)	FLUID (MPT)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
2 Circuit 10″ x 20″ Models (9.8″W x 20.3″H) - High Pressure XP									
CH10-2C-XP	**100107318**	10	7/8	1-1/8	1-1/2	2.8	91	EA	1
CH15-2C-XP	**100106308**	15	7/8	1-1/8	1-1/2	3.9	104	EA	1
CH20-2C-XP	**100106713**	20	7/8	1-3/8	1-1/2	5	116	EA	1
CH25-2C-XP	**100106836**	25	7/8	1-3/8	2	6.1	128	EA	1
CH50-2C-XP	**100105505**	50	1-1/8	1-5/8	2-1/2	12.2	197	EA	1

HEAT EXCHANGERS

Liquid Condensers

Designed for refrigerants other than R410A and ammonia
Maximum allowable working pressure: 450 psig (31Bar)



GBS400H-AE-8

Kelvion

Standard Connections

CATALOG NO.	JDE ID	NOMINAL TONS	REF OUT (IDS)	REF IN (IDS)	FLUID (IDS)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 12″ Models (4.9″W x 13.2″H)									
GBS400H-8 (OA1,H2) B	**100287425**	1/2	5/8	5/8	7/8	1.1	6	EA	1
GBS400H-10 (OA1,H2) B	**100237044**	3/4	5/8	5/8	7/8	1.3	7	EA	1
GBS400H-12 (OA1,H2) B	**100295406**	1	5/8	5/8	7/8	1.4	8	EA	1
GBS400H-16 (OA1,H2) B	**100237046**	1-1/2	5/8	5/8	7/8	1.8	9	EA	1
GBS400H-20 (OA1,H2) B	**100237047**	2	5/8	5/8	7/8	2.1	10	EA	1
GBS400H-24 (OA1,H2) B	**100237048**	2-1/2	5/8	5/8	7/8	2.5	11	EA	1
GBS400H-30 (OA1,H2) B	**100237049**	3	5/8	5/8	7/8	3	13	EA	1
GBS400H-36 (OA1,H2) B	**100237050**	3-1/2	5/8	5/8	7/8	3.5	15	EA	1
GBS400H-44 (H1,OA1,IA2) B	**100596833**	4	5/8	7/8	1-1/8	4.2	17	EA	1
5″ x 20″ Models (4.9″W x 20.9″H)									
GBS500H-10 (OA1,H2) B	**100237057**	2	5/8	5/8	7/8	1.3	10	EA	1
GBS500H-14 (OA1,H2) B	**100237059**	3	5/8	5/8	7/8	1.6	11	EA	1
GBS500H-24 (H1,OA1,IA2) B	**100709235**	6	5/8	7/8	1-1/8	2.5	16	EA	1
GBS500H-30 (IA1,H1,IA2) B	**100340407**	7-1/2	7/8	1-1/8	1-1/8	3	19	EA	1
GBS500H-40 (IA1,H1,IA2) B	**100645101**	10	7/8	1-1/8	1-1/8	3.9	24	EA	1
GBS500H-50 (K1,H1,K2) B	**-**	12	7/8	1-3/8	1-3/8	4.8	29	EA	1
GBS500H-60 (K1,H1,K2) B	**100255595**	15	7/8	1-3/8	1-3/8	5.7	34	EA	1

CATALOG NO.	JDE ID	NOMINAL TONS	REF OUT (IDS)	REF IN (IDS)	FLUID (IDS)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
10″ x 20″ Models (10.7″W x 20.9″H)									
GBS700M-30 (K1,H1,LZA2) B	**100341371**	15	7/8	1-3/8	1- 5/8	3.1	57	EA	1
GBS700M-40 (LZA1,IA1,LZA2) B	**100279101**	20	1-1/8	1-5/8	1-5/8	4	69	EA	1
GBS700M-50 (LZA1,IA1,LZA2) B	**-**	25	1-1/8	1-5/8	1-5/8	5	81	EA	1
GBS700M-60 (LAA1,K1,ZD2) B	**100684855**	30	1-3/8	2-1/8	2-5/8	5.8	93	EA	1
GBS700M-70 (LAA1,K1,ZD2) B	**100641090**	35	1-3/8	2-1/8	2-5/8	6.7	105	EA	1
GBS700M-80 (LAA1,LZA1,ZD2) B	**-**	40	1-5/8	2-1/8	2-5/8	7.6	117	EA	1
GBS700M-100 (LAA1,LZA1,ZD2) B	**-**	50	1-5/8	2-1/8	2-5/8	9.4	141	EA	1

HEAT EXCHANGERS

High Pressure Liquid Condensers

Designed for R-410A applications, 1/2 to 80 tons - can be used with other refrigerants as well (except ammonia)
Maximum allowable working pressure: 650 psig (45Bar)



GBH-UL400H-8

Kelvion

		Standard Connections							
CATALOG NO.	JDE ID	NOMINAL TONS	REF OUT (IDS)	REF IN (IDS)	FLUID (IDS)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 12″ Models (4.9″W x 13.2″H)									
GBH-UL400H-8 (OA1,H2) B	**100615724**	1/2	5/8	5/8	7/8	1.1	6	EA	1
GBH-UL400H-10 (OA1, H2 B	**100640917**	3/4	5/8	5/8	7/8	1.25	7	EA	1
GBH-UL400H-12 (OA1,H2) B	**100758116**	1	5/8	5/8	7/8	1.4	8	EA	1
GBH-UL400H-16 (OA1, H2) B	**100567980**	1-1/2	5/8	5/8	7/8	1.8	9	EA	1
GBH-UL400H-20 (OA1,H2) B	**100762534**	2	5/8	5/8	7/8	2.1	10	EA	1
GBH-UL400H-24 (OA1,H2) B	**100601245**	2-1/2	5/8	5/8	7/8	2.5	11	EA	1
GBH-UL400H-30 (OA1,H2) B	**100601247**	3	5/8	5/8	7/8	3	12	EA	1
GBH-UL400H-36 (OA1, H2) B	**100724929**	3-1/2	5/8	5/8	7/8	3.6	14	EA	1
5″ x 20″ Models (4.9″W x 20.9″H)									
GBH-UL500H-14 (OA1,H2) B	**100614758**	3	5/8	5/8	7/8	1.6	11	EA	1
GBH-UL500H-24 (H1,OA1,IA2) B	**100775439**	6	5/8	7/8	1-1/8	2.5	17	EA	1
GBH-UL500H-30 (IA1,H1,IA2) B	**100677191**	7-1/2	7/8	1-1/8	1-1/8	3	19	EA	1
GBH-UL500H-40 (IA1,H1,IA2) B	**100775441**	10	7/8	1-1/8	1-1/8	3.9	24	EA	1
GBH-UL500H-50 (K1,H1,K2) B	**100758857**	12	7/8	1-3/8	1-3/8	4.7	31	EA	1
GBH-UL500H-60 (K1,H1,K2) B	**-**	15	7/8	1-3/8	1-3/8	5.7	34	EA	1

Additional Plate Counts Available

Hydronic Fluid-to-Fluid Plate Heat Exchangers



GBS Series

Kelvion

BRAZED MODEL SERIES	DESCRIPTION	CAPACITY (SINGLE HEAT EXCHANGER)
GBS Series*	General fluid-to-fluid	Up to 15" x 34" and 360 plates
GBS-L Series*	Low pressure drop liquid to liquid	5" x 12" and 10" x 20" dimensions
GB-DW (Double Wall)	Potable water, oil cooling, safety	5" x 12" and 5" x 20" up to 100 plates
Gasketed Model Series		
NT / NX / NP / ND Series	Single wall, double wall, close temperature approaches, design pressures of 400psi+	1" - 20" connections

*Replaces FlatPlate and GEA FP/FG/FW Series brazed plates

HEAT EXCHANGERS

Brazed Liquid Heat Exchangers



GBS400H-06

Kelvion

Features

Full thickness 316L copper brazed plates
Mounting studs included
Ideal for residential and commercial applications
Maximum allowable working pressure: 450 psig (31Bar)

CATALOG NO.	JDE ID	FLUID (MPT) (IN.)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
3″ x 8″ Models (3.5″W x 9.1″H)						
GBS200H-8 (V1,V2) B	**100328088**	3/4	1.3	3.5	EA	1
GBS200H-10 (V1,V2) B	**100287690**	3/4	1.4	3.7	EA	1
GBS200H-14 (V1,V2) B	**100287692**	3/4	1.8	4.2	EA	1
GBS200H-20 (V1,V2) B	**100287696**	3/4	2.4	5	EA	1
GBS200H-30 (V1,V2) B	**100287699**	3/4	3.3	6.3	EA	1
5″ x 12″ Models (4.9″W x 13.2″H)						
GBS400H-06 (V1,V2) B	**100246884**	3/4	0.9	5	EA	1
GBS400H-08 (V1,V2) B	**100237518**	3/4	1.1	6	EA	1
GBS400H-10 (V1,V2) B	**100237519**	3/4	1.3	6.5	EA	1
GBS400H-12 (V1,V2) B	**100237520**	3/4	1.4	7	EA	1
GBS400H-14 (V1,V2) B	**100322598**	3/4	1.6	8	EA	1
GBS400H-16 (V1,V2) B	**100237522**	3/4	1.8	9	EA	1
GBS400H-20 (W1,W2) B	**100237523**	1	2.1	10	EA	1
GBS400H-24 (W1,W2) B	**100322668**	1	2.5	11	EA	1
GBS400H-30 (FN1,FN2) B	**100322600**	1-1/4	3	13	EA	1
GBS400H-30 (W1,W2) B	**100315753**	1	3	13	EA	1
GBS400H-36 (FN1,FN2) B	**100236734**	1-1/4	3.6	15	EA	1
GBS400H-40 (FN1,FN2) B	**100236735**	1-1/4	3.9	16	EA	1
GBS400H-50 (FN1,FN2) B	**100322601**	1-1/4	4.8	18	EA	1
GBS400H-60 (FN1,FN2) B	**100263051**	1-1/4	5.7	21	EA	1
GBS400H-70 (FN1,FN2) B	**100251967**	1-1/4	6.6	24	EA	1
GBS400H-80 (FN1,FN2) B	**100322602**	1-1/4	7.45	27	EA	1
GBS400H-90 (FN1,FN2) B	**100251968**	1-1/4	8.3	30	EA	1
GBS400H-100 (FN1,FN2) B	**100236730**	1-1/4	9.2	33	EA	1
GBS400H-110 (FN1,FN2) B	**100236731**	1-1/4	10.1	36	EA	1
GBS400H-120 (FN1,FN2) B	**100236732**	1-1/4	11	39	EA	1

Also available GBS220H (3.54"W x 12.91"H) | GBS240H (3.54"W x 18.27"H)

HEAT EXCHANGERS

Liquid Heat Exchangers (table continued from previous page)



GBS500H-14

Kelvion

Features

Full thickness 316L copper brazed plates
Mounting studs included
Ideal for residential and commercial applications
Maximum allowable working pressure: 450 psig (31Bar)

CATALOG NO.	JDE ID	FLUID (MPT) (IN.)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 20″ Models (4.9″W x 20.9″H)						
GBS500H-8 (V1,V2) B	100237529	3/4	1.1	8	EA	1
GBS500H-10 (V1,V2) B	100287087	3/4	1.3	9	EA	1
GBS500H-14 (V1,V2) B	100237532	3/4	1.6	11	EA	1
GBS500H-20 (W1,W2) B	100257523	1	2.1	14	EA	1
GBS500H-24 (W1,W2) B	100237535	1	2.5	16	EA	1
GBS500H-30 (FN1,FN2) B	100236744	1-1/4	3	19	EA	1
GBS500H-36 (FN1,FN2) B	100236749	1-1/4	3.6	22	EA	1
GBS500H-40 (FN1,FN2) B	100197202	1-1/4	3.9	24	EA	1
GBS500H-50 (FN1,FN2) B	100257182	1-1/4	4.8	29	EA	1
GBS500H-60 (FN1,FN2) B	100236752	1-1/4	5.7	34	EA	1
GBS500H-70 (FN1,FN2) B	100236753	1-1/4	6.6	39	EA	1
GBS500H-80 (FN1,FN2) B	100236754	1-1/4	7.4	44	EA	1
GBS500H-90 (FN1,FN2) B	100603164	1-1/4	8.3	49	EA	1
GBS500H-100 (FN1,FN2) B	100248691	1-1/4	9.2	54	EA	1
GBS500H-110 (FN1,FN2) B	100236742	1/14	10.1	59	EA	1
GBS500H-120 (FN1,FN2) B	100236743	1-1/4	11	64	EA	1
10″ x 20″ Models (10.7″W x 20.9″H)*						
GBS700M-24 (TE1,TE2) B	100689471	1-1/2	2.6	50	EA	1
GBS700M-40 (TEA1,TEA2) B	100299410	1-1/2	4.2	69	EA	1
GBS700M-50 (X1,X2) B	100456836	2	4.9	81	EA	1
GBS700M-60 (X1,X2) B	100456840	2	5.8	93	EA	1
GBS700M-70 (X1,X2) B	100271582	2	6.6	105	EA	1
GBS700M-80 (X1,X2) B	100536335	2	7.5	117	EA	1
GBS700M-100 (LGA1,LGA2) B	100741030	2-1/2	9.3	141	EA	1
GBS700M-110 (LGA1,LGA2) B	100711479	2-1/2	10.2	152	EA	1

VacInox Brazed Liquid Heat Exchanger



GVH400H-08

Kelvion

Features

VacInox Stainless Steel Heat Transfer Plates

- VacInox is a new and unique technology for a solid and corrosion resistant brazed connection of stainless steel plates
- VacInox is the solution for applications with aggressive media and high pressures
- The GVH & GVH-AE Series excels when hydronic, evaporator and condenser application fluids are too abrasive for copper brazing

XCR 254SMO stainless plate upgrade available
Maximum allowable working pressure 508psig (35Bar)

CATALOG NO.	JDE IDT	FLUID (MPT) (IN.)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 12″ Models (4.9″W x 13.2″H)						
GVH400H-08 (V1,V2) B	100611556	3/4	1.2	6	EA	1
GVH400H-10 (W1,W2) B	100526199	1	1.4	7	EA	1
GVH400H-20 (W1,W2) B	100533901	1	2.3	10	EA	1
GVH400H-30 (FN1,FN2) B	-	1-1/4	3.2	12	EA	1
GVH400H-50 (FN1,FN2) B	100342026	1-1/4	5	18	EA	1
5″ x 20″ H Models (4.9″W x 13.2″H)						
GVH500H-40 (FN1,FN2) B	-	1-1/4	4.1	26	EA	1
10″ x 20″ L Models (10.7″W x 20.9″H)						
GVH700L-30 (X1,X2) B	100340880	2	3.3	59	EA	1

HEAT EXCHANGERS

Low Pressure Drop Liquid Heat Exchangers



GBS420L-08

Kelvion

Features

Full thickness 316L copper brazed plates
Mounting studs included
Ideal for residential and commercial applications such as radiant, snow melt and domestic hot water
Maximum allowable working pressure: 450 psig (31Bar)

CATALOG NO.	JDE ID	FLUID (MPT) (IN.)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 12″ L Models (5.0″W x 11.1″H)						
GBS420L-08 (XVC1,XVC2) B UL	100533462	3/4	1.2	5	EA	1
GBS420L-10 (XVD1,XVD2) B UL	100533464	1	1.4	5.6	EA	1
GBS420L-14 (XVD1,XVD2) B UL	100533468	1	1.9	6.6	EA	1
GBS420L-16 (XVD1,XVD2) B UL	100533481	1	2.1	7.1	EA	1
GBS420L-20 (XFN1,XFN2) B UL	100531900	1-1/4	2.5	8.2	EA	1
GBS420L-30 (XFN1,XFN2) B UL	100528375	1-1/4	3.6	11	EA	1
GBS420L-36 (XFN1,XFN2) B UL	100528376	1-1/4	4.3	12	EA	1
GBS420L-40 (XFN1,XFN2) B UL	100528361	1-1/4	4.7	13	EA	1
GBS420L-50 (XFN1,XFN2) B UL	100528377	1-1/4	5.8	16	EA	1
GBS420L-60 (XFN1,XFN2) B UL	100528385	1-1/4	6.9	18	EA	1
10″ x 20″ L Models (10.7″W x 20.9″H)						
GBS700L-20 (TE1,TE2) B	100738692	1-1/2	2.5	51	EA	1
GBS700L-24 (TE1,TE2) B	100689470	1-1/2	3	56	EA	1
GBS700L-30 (X1,X2) B	100282305	2	3.6	62	EA	1
GBS700L-40 (X1,X2) B	100282307	2	4.6	73	EA	1
GBS700L-50 (LGA1,LGA2) B	100722861	2-1/2	5.7	84	EA	1
GBS700L-60 (LGA1,LGA2) B	100282311	2-1/2	6.7	95	EA	1
GBS700L-70 (LGA1,LGA2) B	100282312	2-1/2	7.8	106	EA	1

GBE Economy Brazed Liquid-to-Liquid Heat Exchangers



GBE200H-14

Kelvion

Features

An economical solution for decentralized hot water systems,
separating systems and various regenerative applications
Compact brazed plate heat exchangers designed for hydronics
Maximum allowable working pressure 190 psi (13Bar) and temperature 300°F (150°C)

CATALOG NO.	JDE ID	FLUID (MPT) (IN.)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
3″ x 9″ Models (3.54″W x 9.09″H)						
GBE200H-14 (V3,V4)	100534461	3/4	1.8	4.2	EA	1
GBE200H-20 (V3,V4)	100218555	3/4	2.4	5	EA	1
GBE200H-30 (V3,V4)	100324923	3/4	3.3	6.3	EA	1
5″ x 12″ Models (4.88″W x 13.19″H)						
GBE400H-10 (W3,W4)	100534458	1	1.3	7	EA	1
GBE400H-20 (W3,PA4)	100534459	1 MPT, 3/4 FPT	2.2	10	EA	1
GBE400H-20 (W3,W4)	100526341	1	2.2	10	EA	1
GBE400H-30 (W3,W4)	100527538	1	3	13	EA	1
GBE400H-40 (W3,W4)	100534460	1	3.9	16	EA	1
GBE400H-50 (FN3,FN4)	100526340	1-1/4	4.8	18	EA	1

HEAT EXCHANGERS

Double Wall Brazed Liquid-to-Liquid Heat Exchangers



GBH-DW400H-20

Kelvion

Features

Heat exchangers consist of double-walled, hermetically sealed plates for better protection
Two stainless steel plates instead of one
Second wall not only separates the media from each other, but also makes any leak visible
Reliability, efficiency and highest safety in one product
Maximum allowable working pressure: 650 psig (45Bar)

CATALOG NO.	JDE ID	FLUID (MPT) (IN.)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 13″ Models (4.9″W x 13.2″H)						
GBH-DW400H-20 (W1,W2) B	**100292635**	1	2.3	12	EA	1
GBH-DW400H-30 (W1,W2) B	**100085489**	1	3.3	15	EA	1
GBH-DW400H-40 (FN,FN2) B	**100292634**	1-1/4	4.3	19	EA	1
GBH-DW400H-50 (FN1,FN2) B	**100085491**	1-1/4	5.2	22	EA	1
GBH-DW400H-60 (FN1,FN2) B	**100709236**	1-1/4	6.2	26	EA	1
GBH-DW400H-70 (FN1,FN2) B	**100593999**	1-1/4	7.1	30	EA	1
5″ x 20″ Models (4.9″W x 20.9″H)						
GBH-DW500H-70 (FN1,FN2)	**100085388**	1-1/4	6.6	46	EA	1
GBH-DW500H-80 (FN1,FN2)	**100085417**	1-1/4	8.1	52	EA	1

GBS-DW400H (100 plates max.) 4.9" x 13.2"
GBS-DW500H (100 plates max.) 4.9" x 20.9"

GBS-DW models rated 232 psig (16Bar) are also available
GBH-DW400H and GBH-DW500H 650 psig/44.8 bar models also available

Corrosion-Resistant Plate Heat Exchangers



GNS

Kelvion

BRAZED MODEL SERIES	DESCRIPTION	SIZE NOTES
GNS (Nickel Brazed)	De-Ionized water, laser cooling, swimming pools and spas	Up to 10" x 20" and 150 plates
GVH Series (VacInox Brazed)	Potable water, laser cooling, district heating	Up to 10" x 20" and 150 plates
GNS-AE and GVH-AE Series	Ammonia evaporator & subcooler; corrosive fluid applications	Up to 10" x 20" and 150 plates
Gasketed Model Series		
NT / NX / NP	Single wall, swimming pools, corrosive fluids	Titanium Plates & Connections

HEAT EXCHANGERS

All Stainless Steel, Nickel Brazed Liquid Heat Exchangers



Kelvion

Features

The GNS Series has all advantages of a brazed plate heat exchanger, but it is more stable against corrosive media such as ammonia, deionized water, sulphides and sulphates
75% is made of pure nickel
XCR 254 SMO stainless plate upgrade available
Maximum allowable working pressure of 232psi (16Bar) and temperature of 392˚F (200˚C)

CATALOG NO.	JDE ID	FLUID (MPT) (IN.)	DEPTH (IN.)	WEIGHT (LBS.)	UOM	OM
5″ x 12″ H Models (4.9″W x 13.1″H)						
GNS400H-10 (V1,V2) B	**100526549**	3/4	1.4	7	EA	1
GNS400H-20 (W1,W2) B	**100341095**	1	2.4	9	EA	1
GNS400H-20-XCR (W1,W2) B	**100537076**	1	2.4	9	EA	1
GNS400H-24 (W1,W2) B	**100525527**	1	2.8	10	EA	1
GNS400H-30 (FN1,FN2) B	**100335162**	1-1/4	3.3	12	EA	1
GNS400H-40 (FN1,FN2) B	**100580834**	1-1/4	4.1	14	EA	1
5″ x 20″ H Models (4.9″W x 13.2″H)						
GNS500H-40 (FN1,FN2) B	**–**	1-1/4	4.1	26	EA	1
10″ x 20″ L Models (10.7″W x 20.9″H)						
GNS700L-20 (TE1,TE2) B	**100729979**	1-1/2	2.4	47	EA	1

Additional Plate Counts Available

SANHUA - FILTER DRIERS

Filter-Drier Shell, Liquid Capacity



FDSH-48-5-S

SANHUA

Filter-drier shells with replaceable cores are designed for big system protection. The large capacity models are ideal for new system startups to remove moisture and solid particle contamination from field piping. The replaceable core design also simplifies continued system protection and preventive maintenance initiatives.

Features

Uses 1 replaceable core

Applicable for all common HCFC and HFC refrigerants

	LIQUID CAPACITY (TONS) [1]									
CATALOG NO.	R-404A/ R-507	R-448A/ R-449A	R-407A	R-134A	R-450A	R-22	R-410A	CONN. SOLDER (INCH)	UOM	OM
FDSH-48-5-S	13.2	17.2	17.1	17.9	16.6	19.2	19.0	5/8 ODF	EA	1
FDSH-48-7-S	21.2	27.6	27.5	28.8	26.7	30.8	30.5	7/8 ODF	EA	1
FDSH-48-9-S	30.2	39.4	39.3	41.1	38.1	44.0	43.5	1-1/8 ODF	EA	1
FDSH-48-11-S	40.8	53.2	53.0	55.5	51.4	59.5	58.8	1-3/8 ODF	EA	1
FDSH-96-7-S	21.2	27.6	27.5	28.8	26.7	30.8	30.5	7/8 ODF	EA	1
FDSH-96-9-S	30.2	39.4	39.3	41.1	38.1	44.0	43.5	1-1/8 ODF	EA	1
FDSH-96-11-S	40.8	53.2	53.0	55.5	51.4	59.5	58.8	1-3/8 ODF	EA	1
FDSH-96-13-S	50.1	65.3	65.1	68.2	63.1	73.0	72.2	1-5/8 ODF	EA	1
FDSH-144-9-S	30.2	39.4	39.3	41.1	38.1	44.0	43.5	1-1/8 ODF	EA	1
FDSH-144-11-S	40.8	53.2	53.0	55.5	51.4	59.5	58.8	1-3/8 ODF	EA	1
FDSH-192-11-S	40.8	53.2	53.0	55.5	51.4	59.5	58.8	1-3/8 ODF	EA	1
FDSH-192-13-S	50.1	65.3	65.1	68.2	63.1	73.0	72.2	1-5/8 ODF	EA	1
FDSH-192-17-S	71.3	92.9	92.6	97.0	89.8	104	103	2-1/8 ODF	EA	1

	SUCTION CAPACITY (TONS)[2]												
REFRIGERANT	R-404A		R-448A		R-407A		R-134A	R-450A	R-22			R-410A	CONN. SOLDER (INCH)
EVAP. TEMP.	20°F	-20°F	20°F	-20°F	20°F	-20°F	20°F	20°F	40°F	20°F	-20°F	40°F	
PRESS. DROP (PSI)	2.0	1.0	2.0	1.0	2.0	1.0	1.5	1.5	3.0	2.0	1.0	3.0	
FDSH-48-5-S	2.18	0.93	2.35	1.01	2.30	0.98	1.69	1.52	3.87	2.47	1.11	4.81	5/8 ODF
FDSH-48-7-S	3.49	1.50	3.77	1.62	3.68	1.57	2.71	2.44	6.21	3.96	1.79	7.72	7/8 ODF
FDSH-48-9-S	5.74	2.47	6.20	2.68	6.06	2.59	4.46	4.01	10.2	6.51	2.95	12.68	1-1/8 ODF
FDSH-48-11-S	7.90	3.39	8.53	3.67	8.34	3.56	6.14	5.53	14.0	8.96	4.04	17.40	1-3/8 ODF
FDSH-96-7-S	3.72	1.60	4.02	1.73	3.93	1.68	2.89	2.60	6.61	4.22	1.91	8.22	7/8 ODF
FDSH-96-9-S	6.10	2.62	6.59	2.84	6.44	2.75	4.74	4.27	10.8	6.92	3.13	13.42	1-1/8 ODF
FDSH-96-11-S	8.41	3.61	9.08	3.91	8.87	3.79	6.53	5.88	14.9	9.54	4.31	18.52	1-3/8 ODF
FDSH-96-13-S	10.3	4.43	11.12	4.80	10.87	4.65	8.00	7.20	18.3	11.69	5.28	22.75	1-5/8 ODF
FDSH-144-9-S	6.31	2.71	6.81	2.93	6.66	2.84	4.90	4.41	11.2	7.16	3.23	13.92	1-1/8 ODF
FDSH-144-11-S	8.72	3.75	9.42	4.06	9.20	3.93	6.77	6.09	15.5	9.89	4.47	19.27	1-3/8 ODF
FDSH-192-11-S	9.23	3.97	9.97	4.30	9.74	4.16	7.17	6.45	16.4	10.47	4.74	20.38	1-3/8 ODF
FDSH-192-13-S	11.3	4.89	12.20	5.30	11.92	5.13	8.85	7.97	20.2	12.82	5.83	25.11	1-5/8 ODF
FDSH-192-17-S	13.8	5.93	14.90	6.42	14.56	6.22	10.7	9.63	24.5	15.66	7.07	30.45	2-1/8 ODF

Notes: 1. Rated in accordance with AHRI Standard 710 (I-P): 5°F Evaporator Temperature, 86°F Liquid Temperature, 1psi Pressure Drop
2. Rated in accordance with ANSI/AHRI Standard 730 (I-P): 90°F Liquid Temperature, 25°F Superheated Vapor

SANHUA - FILTER DRIERS

Sealed Model Filter-Drier | Molded Core



FD-032-S

SANHUA

Sanhua Filter-Drier molded cores are engineered with a blend of desiccants to protect systems against moisture and acid. The core is secured in place with fiberglass pads on both ends and a 100 mesh metal support screen at the outlet. The pads and core together provide a large available filtering area to remove solid particle contamination to an extremely low level of 20 microns. Sanhua Filter-Driers are compatible with all common HCFC and HFC refrigerants and are UL Listed to a maximum operating pressure of 700 psig.

Features

80% molecular sieve, 20% activated alumina
Max operating pressure of 700 psig

Solder Connection

CATALOG NO.	LIQUID CAPACITY (TONS) [1] R-404A/ R-507	R-448A/ R-449A	R-407A	R-134a	R-450a	R-22	R-410A	CONN. SOLDER (INCH)	UOM	OM
FD-032-S	1.1	1.4	1.4	1.5	1.4	1.6	1.6	1/4 ODF	EA	1
FD-033-S	2.4	3.1	3.1	3.3	3.0	3.5	3.5	3/8 ODF	EA	1
FD-052-S	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 ODF	EA	1
FD-053-S	3.5	4.6	4.5	4.8	4.4	5.1	5.0	3/8 ODF	EA	1
FD-082-S	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 ODF	EA	1
FD-083-S	3.8	4.9	4.9	5.2	4.8	5.5	5.5	3/8 ODF	EA	1
FD-084-S	5.5	7.2	7.1	7.5	6.9	8.0	7.9	1/2 ODF	EA	1
FD-163-S	3.9	5.1	5.1	5.3	4.9	5.7	5.6	3/8 ODF	EA	1
FD-164-S	5.7	7.4	7.4	7.8	7.2	8.3	8.2	1/2 ODF	EA	1
FD-165-S	7.9	10.3	10.3	10.7	10.0	11.5	11.4	5/8 ODF	EA	1
FD-166-S	8.4	10.9	10.9	11.4	10.6	12.2	12.1	3/4 ODF	EA	1
FD-167-S	8.6	11.2	11.2	11.7	10.8	12.5	12.4	7/8 ODF	EA	1
FD-303-S	3.9	5.1	5.1	5.3	4.9	5.7	5.6	3/8 ODF	EA	1
FD-304-S	5.8	7.6	7.5	7.9	7.3	8.4	8.4	1/2 ODF	EA	1
FD-305-S	8.3	10.8	10.8	11.3	10.5	12.1	12.0	5/8 ODF	EA	1
FD-306-S	11.4	14.8	14.8	15.5	14.4	16.6	16.4	3/4 ODF	EA	1
FD-307-S	11.5	15.0	14.9	15.6	14.5	16.7	16.6	7/8 ODF	EA	1
FD-309-S	13.5	17.6	17.5	18.4	17.0	19.7	19.4	1-1/8 ODF	EA	1
FD-414-S	6.4	8.3	8.3	8.7	8.1	9.3	9.2	1/2 ODF	EA	1
FD-415-S	10.9	14.2	14.2	14.8	13.7	15.9	15.7	5/8 ODF	EA	1
FD-417-S	14.2	18.5	18.4	19.3	17.9	20.7	20.5	7/8 ODF	EA	1
FD-419-S	15.3	19.9	19.9	20.8	19.3	22.3	22.0	1-1/8 ODF	EA	1
FD-757-S	15.8	20.6	20.5	21.5	19.9	23.0	22.8	7/8 ODF	EA	1
FD-759-S	16.6	21.6	21.6	22.6	20.9	24.2	23.9	1-1/8 ODF	EA	1

SAE Flare Connection



FD-032

SANHUA

CATALOG NO.	Liquid Capacity (tons) [1] R-404A/ R-507	R-448A/ R-449A	R-407A	R-134a	R-450a	R-22	R-410A	CONN. FLARE (INCH)	UOM	OM
FD-032	1.1	1.4	1.4	1.5	1.4	1.6	1.6	1/4 SAE	EA	1
FD-052	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 SAE	EA	1
FD-053	3.3	4.3	4.3	4.5	4.2	4.8	4.8	3/8 SAE	EA	1
FD-082	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 SAE	EA	1
FD-083	3.6	4.7	4.7	4.9	4.5	5.2	5.2	3/8 SAE	EA	1
FD-162	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 SAE	EA	1
FD-163	3.7	4.8	4.8	5.0	4.7	5.4	5.3	3/8 SAE	EA	1
FD-164	5.5	7.2	7.1	7.5	6.9	8.0	7.9	1/2 SAE	EA	1
FD-165	7.7	10.0	10.0	10.5	9.7	11.2	11.1	5/8 SAE	EA	1
FD-303	3.7	4.8	4.8	5.0	4.7	5.4	5.3	3/8 SAE	EA	1
FD-304	5.6	7.3	7.3	7.6	7.1	8.2	8.1	1/2 SAE	EA	1
FD-305	8.1	10.5	10.5	11.0	10.2	11.8	11.7	5/8 SAE	EA	1
FD-414	6.2	8.1	8.1	8.4	7.8	9.0	8.9	1/2 SAE	EA	1
FD-415	10.5	13.7	13.6	14.3	13.2	15.3	15.1	5/8 SAE	EA	1

Notes: 1. Rated in accordance with AHRI Standard 710 (I-P): 5°F Evaporator temperature, 86°F Liquid temperature, 1 psi Pressure Drop

SANHUA - FILTER DRIERS

Bi-Flow Filter-Drier | Solid Filter Core

Bi-flow filter-drier is specifically designed for use in heat pump systems, and they are used to protect these systems from moisture and contamination.



FDBI-083-S

SANHUA

Features

80% molecular sieve, 20% activated alumina
Bi-directional flow

c UL us

Solder Connection

CATALOG NO.	CAPACITY (TONS) [1]					CONNECTION SOLDER (INCH)	UOM	OM
	R-134A	R-404A/R-507	R-22	R-407C	R-410A			
FDBI-083-S	4.2	3.1	4.5	4.5	4.5	3/8 ODF	EA	1
FDBI-084-S	6.4	4.7	6.8	6.8	6.8	1/2 ODF	EA	1
FDBI-163-S	4.8	3.5	5.1	5.1	5.0	3/8 ODF	EA	1
FDBI-164-S	7.5	5.5	8.0	8.0	7.9	1/2 ODF	EA	1
FDBI-165-S	8.4	6.2	9.0	9.0	8.9	5/8 ODF	EA	1
FDBI-303-S	6.1	4.5	6.6	6.5	6.5	3/8 ODF	EA	1
FDBI-304-S	7.6	5.6	8.2	8.2	8.1	1/2 ODF	EA	1
FDBI-305-S	8.8	6.5	9.5	9.4	9.4	5/8 ODF	EA	1
FDBI-307-S	13.2	9.21	13.5	9.4	13.5	7/8 ODF	EA	1

SAE Flare Connection



FDBI-083

SANHUA

CATALOG NO.	CAPACITY (TONS) [1]					CONNECTION SOLDER (INCH)	UOM	OM
	R-134A	R-404A/R-507	R-22	R-407C	R-410A			
FDBI-083	4.1	3.0	4.4	4.4	4.3	3/8 SAE		
FDBI-084	6.3	4.6	6.7	6.7	6.6	1/2 SAE		
FDBI-163	4.8	3.5	5.1	5.1	5.0	3/8 SAE		
FDBI-164	7.5	5.5	8.0	8.0	7.9	1/2 SAE		
FDBI-165	8.4	6.2	9.0	9.0	8.9	5/8 SAE		
FDBI-304	7.6	5.6	8.2	8.2	8.1	1/2 SAE		

Note: 1. Rated in accordance with AHRI Standard 710 (I-P): 5°F Evaporator temperature, 86°F Liquid temperature, 1 psi Pressure Drop

Replaceable Filter-Drier Cores

An all purpose replaceable filter-drier core consisting of 80% molecular sieve and 20% activated alumina for general system clean-up and protection.



FD-CORE-48

SANHUA

Features

80% molecular sieve, 20% activated alumina
Standard multi-purpose

CATALOG NO.	DESCRIPTION	UOM	OM
FD-CORE-48	General Purpose	EA	1



FD-CORE-48HI

SANHUA

Features

100% molecular sieve
For high-moisture environments

CATALOG NO.	DESCRIPTION	UOM	OM
FD-CORE-48HI	High Moisture Capacity Core	EA	1

SANHUA - FILTER DRIERS

Suction Line Filter-Drier



FDSL-085-S

SANHUA

Suction line filter-driers are designed to clean-up the system after a compressor burnout. It contains a solid core with desiccant and activated alumina to remove moisture and acid while filtering out contaminants. It also has access valves to measure pressure drop across the filter-drier.

Features

Ideal for New Equipment Installation and System Clean-up

Molded Core with High Moisture and Acid Capacity

System Protector for Optimum Efficiency and Performance

CATALOG NO.	NOMIAL VOLUME IN³	CONNECTION SIZE, "ØD" ODF (IN)	UOM	OM
FDSL-083-S	8	3/8	EA	1
FDSL-084-S		1/2	EA	1
FDSL-085-S		5/8	EA	1
FDSL-086-S		3/4	EA	1
FDSL-087-S		7/8	EA	1
FDSL-163-S	16	3/8	EA	1
FDSL-164-S		1/2	EA	1
FDSL-165-S		5/8	EA	1
FDSL-166-S		3/4	EA	1
FDSL-167-S		7/8	EA	1
FDSL-305-S	30	5/8	EA	1
FDSL-306-S		3/4	EA	1
FDSL-307-S		7/8	EA	1
FDSL-309-S		1-1/8	EA	1

Refrigerant Capacity Tables

	SUCTION CAPACITY (TONS)[2]												
REFRIGERANT	R-404A		R-448A		R-407A		R-134A	R-450A		R-22		R-410A	CONN. SOLDER (IN.)
EVAP. TEMP.	20°F	-20°F	20°F	-20°F	20°F	-20°F	20°F	20°F	40°F	20°F	-20°F	40°F	
PRESS. DROP (PSI)	2.0	1.0	2.0	1.0	2.0	1.0	1.5	1.5	3.0	2.0	1.0	3.0	
FDSL-083-S	0.80	0.34	0.86	0.37	0.84	0.36	0.62	0.56	1.42	0.91	0.41	1.77	3/8 ODF
FDSL-084-S	1.17	0.50	1.26	0.54	1.23	0.52	0.90	0.81	2.07	1.33	0.60	2.57	1/2 ODf
FDSL-085-S	1.56	0.67	1.68	0.73	1.65	0.70	1.21	1.09	2.78	1.77	0.80	3.46	5/8 ODF
FDSL-086-S	1.68	0.72	1.81	0.78	1.77	0.76	1.30	1.17	2.99	1.91	0.86	3.72	3/4 ODf
FDSL-087-S	1.72	0.74	1.86	0.80	1.81	0.78	1.33	1.20	3.06	1.95	0.88	3.80	7/8 ODF
FDSL-163-S	0.82	0.35	0.89	0.38	0.87	0.37	0.63	0.57	1.45	0.93	0.42	1.81	3/8 ODF
FDSL-164-S	1.20	0.51	1.30	0.55	1.27	0.53	0.93	0.84	2.14	1.36	0.61	2.66	1/2 ODF
FDSL-165-S	1.66	0.71	1.79	0.77	1.75	0.74	1.29	1.16	2.96	1.88	0.85	3.68	5/8 ODF
FDSL-166-S	1.77	0.76	1.91	0.82	1.87	0.80	1.37	1.23	3.14	2.01	0.91	3.90	3/4 ODF
FDSL-167-S	1.82	0.78	1.97	0.84	1.92	0.82	1.41	1.27	3.23	2.06	0.93	4.01	7/8 ODF
FDSL-305-S	1.74	0.75	1.88	0.81	1.84	0.79	1.35	1.22	3.10	1.97	0.89	3.85	5/8 ODF
FDSL-306-S	2.40	1.03	2.59	1.12	2.53	1.08	1.87	1.68	4.27	2.72	1.23	5.31	3/4 ODF
FDSL-307-S	2.41	1.03	2.60	1.12	2.54	1.08	1.87	1.68	4.29	2.73	1.23	5.33	7/8 ODF
FDSL-309-S	2.84	1.22	3.07	1.32	3.00	1.28	2.20	1.98	5.05	3.22	1.46	6.28	1-1/8 ODF

Note: [2]Rated in accordance with ANSI/AHRI Standard 730 (I-P): 90°F Liquid Temperature, 25°F Superheataed Vapor

SANHUA - SIGHT GLASSES

Sight Glass



SG-4-S

Sight glass/moisture indicator provides a visual means to check the state of the refrigerant in the liquid line. Its moisture indicator provides a simple means to check the amount of moisture in the refrigerant.

Features

Easy to read Wide Angle Sight Glass

High Precision Color Indicator

Compatible with all common HCFC and HFC refrigerants

100% Factory Leak Tested

SAE Flare: Male x Female



CATALOG NO.	CONNECTION TYPE	SAE FLARE (INCH)	UOM	OM
SG-2-FM	Flare F x M	1/4	EA	1
SG-3-FM	Flare F x M	3/8	EA	1
SG-4-FM	Flare F x M	1/2	EA	1

ODF Solder: Female x Female



CATALOG NO.	CONNECTION TYPE SOLDER	CONNECTION ODF (IN.)	UOM	OM
SG-2-S	ODF x ODF	1/4	EA	1
SG-3-S	ODF x ODF	3/8	EA	1
SG-4-S	ODF x ODF	1/2	EA	1
SG-5-S	ODF x ODF	5/8	EA	1
SG-7-S	ODF x ODF	7/8	EA	1

SAE Flare: Male x Male



AFTERMARKET MODEL	CONNECTION TYPE	SAE FLARE	UOM	OM
SG-2	Flare M x M	1/4	EA	1
SG-3	Flare M x M	3/8	EA	1
SG-4	Flare M x M	1/2	EA	1

SANHUA - EXPANSION VALVES

SEC Superheat Control Kit for EEVs



With a few components on the truck, contractors can replace thousands of TXV variations they encounter. One control kit and five EEVs replace thousands of refrigeration TXVs!

Features

Real-time display of system metrics including temperature & pressure

Configure for different system refrigerants with the touch of a button

No more turning TXV adjusting stems, set the superheat with a button press

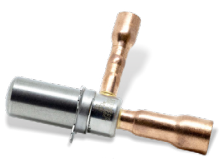
SEC SUPERHEAT CONTROL KIT AFTERMARKET MODEL		DESCRIPTION	UOM	OM
SEC613-R4 Kit-LPF-AM	SEC613-R4	Controller	EA	1
	NTC5A1	Temperature Sensor		
	YCQB02L28-1	Pressure Transducer		
	PQ-M24012-000009	EEV Stator		
Not included in Kit	PQ-M03012-000001	EEV Stator for DPF(SO3)	EA	1

SEC613-R4 Kit-LPF-AM

SANHUA

The Sanhua Superheat Control Kit contains:
One SEC13 EEV controller, One Temperature Sensor w/16-foot cable, One Pressure Transducer w/16-foot cable and One 5-wire Stator for LPF/DPF EEV w/20-foot cable

Electric Expansion Valve



Electric Expansion Valve is designed for use in refrigeration systems. The valve port is designed with PTFE (Teflon™), creating a tight seat equivalent to a solenoid valve thus preventing liquid refrigerant from migrating to the evaporator and compressor.

Features

Tight seating

Inlet strainer, 100 Mesh

LPF08-001-AM

SANHUA

	TXV CROSS - REFERENCE: SOLDER CONNECTIONS: 3/8" ODF X 1/2" ODF							SPORLAN TXV BALANCED PORT
SANHHUA EEV	R-134a	R-448A	R-404A	R-407A	R-407F	R-22	R-410A	ALL REFRIGERANTS
LPF08-001-AM	1/8 to 1/6	1/5 to 1/3	1/8 to 1/6	1/5 to 1/3	1/5 to 1/3	1/5 to 1/3	1/5 to 1/3	AAA
LPF10-002-AM	1/4	1/2	1/4	1/2 to 3/4	1/2 to 3/4	1/2 to 3/4	1/2 to 3/4	AA
LPF14-002-AM	1/2 to 1	3/4 to 1-1/2	1/2 to 1	1 to 1-1/2	1 to 1-1/2	1 to 1-1/2	1 to 1-1/2	A
LPF18-002-AM	1-1/2 to 1-3/4	2	1-1/4 to 1-1/2	2 to 2-1/2	2 to 2-1/2	2 to 2-1/2	2 to 2-1/2	B
LPF24-002-AM	2 to 3	1-1/2 to 4	2 to 3	3 to 5	3 to 5	3 to 5	3 to 5	C

Temperature Sensor



The Sanhua NTC5A1-AM is a temperature sensor used in combination with other components in an electric expansion valve system.

Features

High degree of accuracy

16-foot cable

NTC5A1-AM

SANHUA

CATALOG NO.	DESCRIPTION	UOM	OM
NTC5A1-AM	Temperature Sensor	EA	1

SANHUA - EXPANSION VALVES (Cont.)

Thermostatic Expansion Valve TXVH

Control superheat with confidence. The Sanhua model TXVH is designed with world-class engineering and manufacturing technology combined with premium materials for superior performance.

Features

Wide evaporator temperature range thermostatic charge

Utilizes cross-charge technology

Available with MOP function to protect compressor from excessive suction pressure during operation

Stainless steel power head, capillary, and sensing bulb



TXVH-00

SANHUA

	NOMINAL CAPACITY							
	R-22 R-407A R-407C R-407F		R-404A R-507		R-134A			
CATALOG NO.	TONS	BALANCED PORT	TONS	BALANCED PORT	TONS	BALANCED PORT	UOM	OM
TXVH-0X	1/5	-	1/8	-	1/8	-	EA	1
TXVH-00	1/3	AAA	1/4	AAA	1/5	AAA	EA	1
TXVH-01	3/4	AA	1/2	AA	1/3	-	EA	1
TXVH-02	1	-	3/4	-	1/2	AA	EA	1
TXVH-03	1-1/2	A	1-1/4	A	3/4	-	EA	1
TXVH-04	2-1/2	B	2	B	1	A	EA	1
TXVH-05	3 -1/2	-	2-1/2	-	1-3/4	B	EA	1
TXVH-06	5	C	3	C	2-1/2	C	EA	1

CATALOG NO.	SOLDER CONNECTION	UOM	OM
TXVH-3S-IN	3/8”	EA	1
TXVH-2S-IN	1/4"	EA	1
TXVH-3Loop-IN	3/8”	EA	1
TXVH-2S-EXTEQ	1/4"	EA	1

Note: 1. Copper tube and flare nut are included

VALVE BODY CONFIGURATION (INLET X OUTLET X EQUALIZER)	R-22 R-407A R-407C R-407F	R-404A R-507	R-404A R-507 LOW TEMP (WITH MOP)	R-134A	INLET ADAPTOR		
3/8 x 1/2 SAE Flare (Internally Equalized)	**TXVH-22**	**TXVH-404A-507**	**TXVH-404A-507-14F**	**TXVH-134A**	Not Required	EA	1
3/8 x 1/2 x 1/4 SAE Flare	**TXVHE-22**	**TXVHE-404A-507**	**TXVHE-404A-507-14F**	**TXVHE-134A**	Not Required	EA	1
1/4 x 3/8 ODF Sweat (Internally Equalized)	**TXVH-22-3S**	**TXVH-404A-507-3S**	**TXVH-404A-507-3S-14F**	**TXVH-134A-3S**	TXVH-2S-IN	EA	1
1/4 x 3/8 x 1/4 ODF Sweat	**TXVHE-22-3S**	**TXVHE-404A-507-3S**	**TXVHE-404A-507-3S-14F**	**TXVHE-134A-3S**	TXVH-2S-IN	EA	1
3/8 x 1/2 ODF Sweat (Internally Equalized)	**TXVH-22-4S**	**TXVH-404A-507-4S**	**TXVH-404A-507-4S-14F**	**TXVH-134A-4S**	TXVH-3S-IN	EA	1
3/8 x 1/2 x 1/4 ODF Sweat	**TXVHE-22-4S**	**TXVHE-404A-507-4S**	**TXVHE-404A-507-4S-14F**	**TXVHE-134A-4S**	TXVH-3S-IN	EA	1

SANHUA - EXPANSION VALVES (Cont.)

Universal AC/HP TXV Kit



TXVFE-4-22-KIT

SANHUA

The Sanhua Universal AC/HP TXV Kit is designed with world-class engineering and manufacturing technology combined with premium materials for superior performance.

Features

Three outlet connection options:
- 1/2" ODF Sweat
- Aeroquip adaptor
- Chatleff adaptor

Built-in check valve, use either on heat pump or straight cooling applications

Balanced port design ideal to handle a capacity range

External superheat adjustment

Fewer SKUs for more applications

CATALOG NO.	CAPACITY RANGE	REFRIGERANT	UOM	OM
TXVFE-2-22-Kit	1 to 2 Tons	R-22	EA	1
TXVFE-3-22-Kit	2.25 to 3 Tons	R-22	EA	1
TXVFE-4-22-Kit	3.25 to 4 Tons	R-22	EA	1
TXVFE-6-22-Kit	4.25 to 6 Tons	R-22	EA	1
TXVFE-2-410A-Kit	1 to 2 Tons	R-410A	EA	1
TXVFE-3-410A-Kit	2.25 to 3 Tons	R-410A	EA	1
TXVFE-4-410A-Kit	3.25 to 4 Tons	R-410A	EA	1
TXVFE-5-410A-Kit	4.25 to 5 Tons	R-410A	EA	1

Note: 1. Connections: 3/8" ODF inch, 1/2" ODF Out Aeroquip and Chetleff adaptors, Equalizer 1/8" OD x 24" with 1/4"SAE flare nut

Additional Larger AC TXV Models for R-410A



Features

5/8" x 7/8" x 1/4" ODF sweat connections
External superheat adjustment
Larger capacities for air conditioning applications

CATALOG NO.	CONNECTION, ODF SOLDER INLET	OUTLET	EQUALIZER	CAPACITY RANGE	REFRIGERANT	UOM	OM
TXVKE-8-410A				5.5 to 8 tons		EA	1
TXVDE-11.5-410A	5/8"	7/8"	1/4"	8.5 to 11.5 tons	R-410A	EA	1
TXVDE-15-410A				12 to 15 tons		EA	1

Chatleff TXV Connections



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Features

Built-in check valve, use on heat pump or straight cooling applications
External superheat adjustment
Drop-in replacement for Chatleff x Chatleff connections

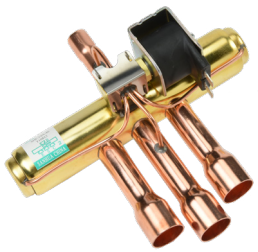
CATALOG NO.	CAPACITY RANGE	REFRIGERANT	UOM	OM
TXVFE-2-410A-CHATLEFF	1 to 2 tons	R-410A	EA	1
TXVFE-3-410A-CHATLEFF	2.25 to 3 tons	R-410A	EA	1
TXVFE-4-410A-CHATLEFF	3.25 to 4 tons	R-410A	EA	1
TXVFE-5-410A-CHATLEFF	4.25 to 5 tons	R-410A	EA	1
TXVFE-6-410A-CHATLEFF	5.25 to 6 tons	R-410A	EA	1

Note: 1. Connections: Inlet Male Chatleff, Outlet Female Chatleff, Equalizer 1/8" ODx24" with 1/4" Female SAE Flare

SANHUA - REVERSING VALVES

4-Way Reversing Valve

Reversing Valves switch between cooling and heating mode by changing the flow part of the refrigerant. The Reversing Valves are compatible with all common HCFC and HFC refrigerants and are UL recognized with a maximum operating pressure of 650 psig.



SHF-14-46-AM

SANHUA

Features

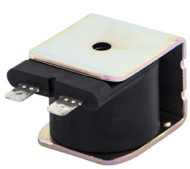
Solder connection pilot tube and valve for increased reliability
Suitable for capacities from 1-120 tons
Compatible with all common HCFC and HFC refrigerants

	NOMINAL COOLING CAPACITY (TONS*)									
	R-407C		R-410A		R-134A		R-404A/R-507			
	PRESSURE DROP (PSI)									
CATALOG NO.	1.5	3.0	1.5	3.0	1.5	3.0	1.5	3.0	UOM	OM
SHF-L-4H-23U-AM	0.91	1.31	1.08	1.54	0.74	1.05	0.74	1.05	EA	1
SHF-L-7H-34-AM	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88	EA	1
SHF-L-7H-34U-AM	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88	EA	1
SHF-L-7H-35-AM	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88	EA	1
SHF-L-7H-45-AM	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88	EA	1
SHF-L-9H-45D1-L1-AM	2.10	2.90	2.40	3.40	1.60	2.30	1.60	2.30	EA	1
SHF-L-11H-46D1-AM	2.59	3.67	3.04	4.29	2.08	2.93	2.08	2.93	EA	1
SHF-14-46-AM	3.81	5.37	4.46	6.31	3.04	4.29	3.04	4.29	EA	1
SHF-14-47-AM	3.81	5.37	4.46	6.31	3.04	4.29	3.04	4.29	EA	1
SHF-14-56D1-AM	3.81	5.37	4.46	6.31	3.04	4.29	3.04	4.29	EA	1
SHF-20A-45-J-AM	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17	EA	1
SHF-20A-56D1-AM	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17	EA	1
SHF-20A-57D1-AM	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17	EA	1
SHF-20D-46-02-AM	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17	EA	1
SHF-20D-47-02-AM	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17	EA	1
SHF-35B-47-04-AM	8.47	12.0	9.92	14.0	8.47	9.58	6.77	9.55	EA	1
SHF-50-911-D2-AM	9.72	13.70	14.60	20.60	7.59	10.70	8.31	11.80	EA	1
SHF-L-100-1012-01	21.30	30.10	31.90	45.10	16.60	23.50	18.20	25.70	EA	1

*Condensing temperature 130°F; evaporating temperature +45°F; Superheat and Subcooling temperature 9°F

Reversing Valve Coil Characteristics

CATALOG NO.	ELECTRICAL CONNECTION	RATED VOLTAGE	POWER CONSUMPTION AC 60HZ (W)	UOM	OM
Coil-SHF-FA2	Spade[1]	120 VAC	5	EA	1
Coil-SHF-FA4	Spade[1]	24 VAC	5	EA	1
Coil-SHF-FA5	Spade[1]	220-240 VAC	5	EA	1



COIL-SHF-FA4

Note: 1. Wire harness for coil with Faston connector SQ-000000-090028

SANHUA - CONTROLS

Pressure / Fan Cycle Control

PS01/50/15 series pressure controls are used in refrigeration and air conditioning systems to protect the systems from extremely low suction pressure or extremely high discharge pressure.

Features

Single Pole, Double Throw (SDPT) Switch
Auto or Manual Reset Models
Durable Bronze Bellows and 1/4" flare connections
Installation Bracket Supplied with all Models



PS01AM-S01-AM

SANHUA

CATALOG NO.	PRESSURE	CONNECTIONS	UOM	OM
PS01AM-S01-AM	Low pressure, auto reset	Capillary with 1/4" Flare nut	EA	1
PS01MM-S01-AM	Low pressure, manual reset	Capillary with 1/4" Flare nut	EA	1
PS50AM-S01-AM	High pressure/Fan control, auto reset	Capillary with 1/4" Flare nut	EA	1
PS50MM-S01-AM	High pressure, manual reset	Capillary with 1/4" Flare nut	EA	1
PS15AAM-S01-AM	Dual pressure/Fan control, auto + auto reset	Capillary with 1/4" Flare nut	EA	1
PS15AMM-S01-AM	Dual pressure, auto + manual reset	Capillary with 1/4" Flare nut	EA	1
PS01AL-C05-AM	LP, auto reset, 1/4" flare	Flare Connection 7/16-20UNF (1/4in & 6mm)	EA	1
PS50AL-C05-AM	High pressure/Fan control, auto reset	Flare Connection 7/16-20UNF (1/4in & 6mm)	EA	1
PS50ML-C05-AM	High pressure, manual reset	Flare Connection 7/16-20UNF (1/4in & 6mm)	EA	1
PS15AAL-C05-AM	Dual pressure/Fan control, auto + auto reset	Flare Connection 7/16-20UNF (1/4in & 6mm)	EA	1
PS15AML-C05-AM	Dual pressure, auto + manual reset	Flare Connection 7/16-20UNF (1/4in & 6mm)	EA	1

SANHUA - SERVICE VALVES

Service Valve

Sanhua Service Valves easily and efficiently shut off refrigerant flow and allow for the refrigerant to be isolated when servicing. The Service Valves are compatible with all common HCFC and HFC refrigerants and are UL certified with a maximum operating pressure of 650 psig.

Features

Ability to handle low pressure drops and environmental conditions

Compatible with all common HCFC and HFC refrigerants

100% Factory Leak Tested



SERVICE-BAR-3-S-T

SANHUA

CATALOG NO.	FLARE CONNECTIONS (IN.)	CHARGE PORT FLARE (IN.)	UOM	OM
SERVICE-BAR-3-S-T	7/16-20UNF	3/8	EA	1
SERVICE-BAR-4-S-T	5/8-18UNF	1/2	EA	1
SERVICE-BAR-5-S-T	3/4-16UNF	5/8	EA	1
SERVICE-BAR-6-S-T	7/8-14UNF	3/4	EA	1
SERVICE-BAR-7-S-T	1-1/16-14UNF	7/8	EA	1

SANHUA - BALL VALVES

Ball Valve

Sanhua Ball Valves easily and efficiently shut off refrigerant flow and allow for the refrigerant to be isolated when servicing. The Ball Valves are compatible with all common HCFC and HFC refrigerants and are UL listed with a maximum operating pressure of 700 psig.



BV-3-S-T

SANHUA

Sanhua ball valves are approved under CRN # 0C23590.5 for all jurisdictions.

Features

Saves time & easier on you and your customer when service is needed

Faster to bring system back to peak performance when there is less guessing about the refrigerant charge

Isolate on single and multi-evaporator systems

Male flare x female flare swivel designed to match the connections on line sets and evaporators

CATALOG NO.	CONNECTION (IN.)	CV	UOM	OM
With access fitting				
BV-2-S-T	1/4	2.94	EA	1
BV-3-S-T	3/8	4.35	EA	1
BV-4-S-T	1/2	7.74	EA	1
BV-5-S-T	5/8	9.02	EA	1
BV-6-S-T	3/4	14.6	EA	1
BV-7-S-T	7/8	18.9	EA	1
BV-9-S-T	1-1/8	34.9	EA	1
BV-11-S-T	1-3/8	54	EA	1
BV-13-S-T	2-5/8	77.6	EA	1
BV-17-S-T	2-1/8	174.8	EA	1
BV-21-S-T	2-5/8	295.7	EA	1
BV-25-S-T	3-1/8	362	EA	1
Without access fitting				
BV-3-S	3/8	4.35	EA	1
BV-4-S	1/2	7.74	EA	1
BV-5-S	5/8	9.02	EA	1
BV-6-S	3/4	14.6	EA	1
BV-7-S	7/8	18.9	EA	1
BV-9-S	1-1/8	34.9	EA	1
BV-11-S	1-3/8	54	EA	1
BV-13-S	2-5/8	77.6	EA	1
BV-17-S	2-1/8	174.8	EA	1
BV-21-S	2-5/8	295.7	EA	1

Male Flare x Female Flare Swivel Design

CATALOG NO.	CONNECTION TYPE	SAE FLARE ØD (INCH)	UOM	OM
BV-2-FM-TC	Flare M x Swivel Nut	1/4	EA	1
BV-3-FM-TC	Flare M x Swivel Nut	3/8	EA	1
BV-4-FM-TC	Flare M x Swivel Nut	1/2	EA	1
BV-5-FM-TC	Flare M x Swivel Nut	5/8	EA	1

SANHUA - SOLENOID VALVES

Solenoid Valve Piston Type

Direct acting and piston type solenoid valves designed to operate at low pressure differentials on air conditioning and refrigeration systems. In addition to liquid and suction line, they are suitable for discharge application and can tolerate temperatures to 285°F.

Features

Low energy consumption coil
Coils are double sealed water tight and safe
Wide refrigerant temperature range
High maximum opening pressure differential (MOPD)



SoV9-4-S-M

SANHUA

Sanhua solenoid valves are approved under CRN # 0C22908.2 for all jurisdictions.

Normally Closed

SIZE	CATALOG NO.	SOLDER CONNECTION ODF (IN)	UOM	OM
SoV3	**SoV3-2-S**	1/4" ODF	EA	1
	SoV3-3-S	3/8" ODF	EA	1
SoV5	**SoV5-2-S**	1/4" ODF	EA	1
SoV6	**SoV6-3-S**	3/8" ODF	EA	1
	SoV6-4-S	1/2" ODF	EA	1

Normally Closed w/Manual Lift Stem

SIZE	CATALOG NO.	SOLDER CONNECTION ODF (IN)	UOM	OM
SoV6	**SoV6-3-S-M**	3/8" ODF	EA	1
	SoV6-4-S-M	1/2" ODF	EA	1
SoV9	**SoV9-3-S-M**	3/8" ODF	EA	1
	SoV9-4-S-M	1/2" ODF	EA	1
	SoV9-5-S-M	5/8" ODF	EA	1
SoV10	**SoV10-4-S-M**	1/2" ODF	EA	1
	SoV10-5-S-M	5/8" ODF	EA	1
SoV15	**SoV15-5-S-M**	5/8" ODF	EA	1
	SoV15-7-S-M	7/8" ODF	EA	1
SoV19	**SoV19-7-S-M**	7/8" ODF	EA	1
SoV25	**SoV25-9-S-M**	1-1/8" ODF	EA	1

Notes: Rated in accordance with ANSI/AHRI Standard 760 (I-P)
1. 40°F Evaporator Temperature, 110°F Condenser Temperature, 100°F Liquid Temp.
2. 40°F Evaporator Temperature, 65°F Suction Gas Temperature, 110°F Condenser Temp., Isentropic Compression plus 50°F

Coils with Junction

OPERATION	CATALOG NO.	RATED VOLTAGE	SUPPLY	POWER (W)	FREQUENCY (HZ)	VOLTAG TOLERANCE	INSULATION CLASS	PROTECTION CLASS (W/PLUG)	WIRING TYPE
Normally Closed	**Coil-SoV-024**	24	AC	9.0 (50Hz) 8.0 (60Hz)	50/60	-15% to +10%	F	IP67	Lead Wires
	Coil-SoV-120	120							
	Coil-SoV-208-240	208 - 240							
	Coil-SoV-DUAL	120V - 208 - 240							

PRESSURE CONTROLS

Dual Pressure Control



DNS-C1D306YQ11

SAGInoMIYA

Features

High durability & high reliability
Wide product lineup of pressure range
Compatible for various pressure unit scale
Compact and lightweight
SPDT, Manual reset type available

CATALOG NO.	PRESSURE	CAP TUBE	OPERATING PRESSURE (LOW SIDE/ HIGH SIDE)	RESET	CONTACT SYSTEM	RANGE PSI (LOW SIDE/ HIGH SIDE)	DIFFERENTIAL PSI (LOW SIDE/ HIGH SIDE)	MAX WORKING PRESSURE PSI (LOW SIDE/ HIGH SIDE)	DIRECT REPLACEMENT FOR	UOM	OM
DNS-C1D306YQ11	Dual	Yes	Low side: on at 40 off at 20/High side: on at 241 off at 300	Automatic	DPDT	-10 to 85 / 100-425	(8.5 to 55) (43 to 71)	279 / 479	060-5247	EA	1
DNS-C1D306YMQ2	Dual	Yes	Low side: on at 40 off at 20/High side: on at manual off at 300	Manual	DPDT	-10 to 85 / 100-425	(8.5 to 55) (43 to 71)	279 / 479	060-5249	EA	1
DNS-C1D306YMQ3	Dual	No	Low side: on at 40 off at 20/High side: on at manual off at 300	Manual	DPDT	-10 to 85 / 100-425	(8.5 to 55) (43 to 71)	279 / 479	060-5250	EA	1
DNS-C1D306YQ10	Dual	No	Low side: on at 40 off at 20/High side: on at 241 off at 300	Automatic	DPDT	-10 to 85 / 100-425	(8.5 to 55) (43 to 71)	279 / 479	060-5248	EA	1

Adjustable Pressure Control



SNS-C1C106YQ13

SAGInoMIYA

Features

For use with fluorinated refrigerants as well as with air and water
(Allowable fluid temp.: –20 to 120°C)
Type SNS for universal application
Type HNS for high pressure safety cut out
Available drip proof Encl. for marine application or explosion proof Encl. for special application
Mounting bracket is supplied as standard
With SPDT contact mechanism

CATALOG NO.	PRESSURE	CAP TUBE	OPERATING PRESSURE (LOW SIDE/ HIGH SIDE)	RESET	CONTACT SYSTEM	RANGE PSI (LOW SIDE/ HIGH SIDE)	DIFFERENTIAL PSI (LOW SIDE/ HIGH SIDE)	MAX WORKING PRESSURE PSI (LOW SIDE/HIGH SIDE)	DIRECT REPLACEMENT FOR	UOM	OM
SNS-C1C106YQ13	Low	No	off at 20/ on at 40	Automatic	SPDT	-10 to 85	8.5 to 55	213	060-5231, 060-5236, 060-5237, 060-5239	EA	1
SNS-C1C106YM2Q1	Low	Yes	off at 20psi	Manual	SPDT	-10 to 85	14	213	060-5232	EA	1
SNS-C1C106YM2Q2	Low	No	off at 20psi	Manual	SPDT	-10 to 85	14	213	060-5234	EA	1
SNS-C1C106YQ12	Low	Yes	off at 20/ on at 40	Automatic	SPDT	-10 to 85	8.5 to 55	213	060-5233, 060-5235, 060-5240	EA	1
SNS-C1C110YQ1	Low	Yes	off at 62/ on at 90	Automatic	SPDT	15 to 140	15 to 45	213	060-5231, 060-5237	EA	1
SNS-C1C110YQ2	Low	No	off at 62/ on at 90	Automatic	SPDT	15 to 140	15 to 45	213	060-5235, 060-5240	EA	1
SNS-C1C130YQ10	High	Yes	off at 200/ on at 300	Automatic	SPDT	70 to 425	42 to 145	551	060-5241	EA	1
SNS-C1C130YQ11	High	No	off at 200/ on at 300	Automatic	SPDT	70 to 425	42 to 145	551	060-5242	EA	1

BALL VALVES

NDL® Ball Valves



NBV02-S

Features

Full port valves engineered for refrigeration, commercial HVAC, VRV, VRF, and multi-mini split, with 900 PSIG working pressure on sizes up to 1-1/8"

Compatible with CFC, HCFC, HFC, and HFO refrigerants and oils

Reduce service calls, refrigerant loss, and environmental contamination with cone-shaped 100% virgin Teflon seals and seats

Bottom-up stem installation prevents stem blow-out and loss of charge if over-pressurized

Eliminate losing caps with the simple quarter-turn of the two-piece cap nut

Brass-oven brazed body for clean appearance and durable weld

Quality tested with 95% nitrogen and 5% hydrogen solution at 450 PSIG to detect and correct leaks before leaving the factory

Stamped with serial number and packaged in poly-bag to prevent contamination and malfunctions

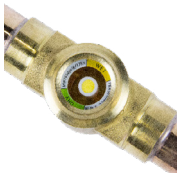
Backed by an unparalleled two-year warranty

UL/cUL listed to conform to pressure equipment directive 2014/68/EU

CATALOG NO.	MAX WORKING PRESSURE PSIG	ODF SOLDER (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
NBV02-S	900	1/4	009L8050	EA	1
NBV03-S	900	3/8	009L8051	EA	1
NBV04-S	900	1/2	009L8052	EA	1
NBV05-S	900	5/8	009L8053	EA	1
NBV06-S	900	3/4	009L8054	EA	1
NBV07-S	900	7/8	009L8065	EA	1
NBV09-S	700	1-1/8	009L8066	EA	1
NBV11-S	700	1-3/8	009L8067	EA	1
NBV13-S	700	1-5/8	009L8068	EA	1
NBV17-S	700	2-1/8	009L8059	EA	1
NBV21-S	650	2-5/8	009L8069	EA	1

SIGHT GLASES

NDL® Sight Glasses



NG-1-2-MF

Features

Sizes range 1/4"-7/8" with sweat (ODF) ends and 1/4"-3/4" in Flare (SAE) ends

Heavy brass body with extended copper ends for sweat, or standard flare ends

Tube ends are oven brazed onto brass body for enhanced leak protection

Special litmus paper returns to original color once system is cleaned; no need to change the eye

Positive color contrast: yellow = wet; green = dry
Maximum working pressure 600 PSI
UL listed

CATALOG NO.	MXF FLARE (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
NG-1-2-MF	1/2	Danfoss 014L0203	EA	1
NG-1-4-MF	1/4	Danfoss 014L0201	EA	1
NG-3-4-MF	3/4	Danfoss 014L0201	EA	1
NG-3-8-MF	3/8	Danfoss 014L0202	EA	1
NG-5-8-MF	5/8	Danfoss 014L0204	EA	1
NGN-1-2-F	1/2	Danfoss 014L0173	EA	1
NGN-1-4-F	1/4	Danfoss 014L0171	EA	1
NGN-1-4-S	1/4	Danfoss 014L0181	EA	1
NGN-3-4-F	3/4	Danfoss 014L0175	EA	1
NGN-3-4-S	3/4	Danfoss 014L0185	EA	1
NGN-3-8-F	3/8	Danfoss 014L0172	EA	1
NGN-3-8-S	3/8	Danfoss 014L0246	EA	1
NGN-5-8-F	5/8	Danfoss 014L0174	EA	1
NGN-5-8-S	5/8	Danfoss 014L0184	EA	1
NGN-7-8-S	7/8	Danfoss 014L0186	EA	1

Insulation for 1/4 - 5/8 Ball Valves



NBV-IN-S

CATALOG NO.	DESCRIPTION	UOM	OM
NBV-IN-S	Insulation for 1/4 - 5/8 ball valves	EA	1
NBV-INH	Insulation for 3/4 - 1-1/8 ball valves	EA	1

DRIERS

Liquid Line Filter Drier



NCH-032F

Features

Solid core type with XH-11 grade molecular sieves

Desiccant comprised of molecular sieve and activated alumina in a ratio of 80:20

Compatible with all refrigerants, molecular sieves are above XH-11 grade, and pore size design will not adsorb R32 components

Body design manufactured with advanced welding technology for leak-free joints and superior performance with high-pressure refrigerants

Furnace brazed pure copper ends, with longer length and thicker walls compared to other brands

Strong and rust-free furnace-brazed threaded fittings

Uses honey-comb design perforated plate to minimize pressure drops

Finished with semi-gloss black epoxy-polyester powder coat paint tested to 500+ hours of salt spray, exceeding ASTM standards.

UL and CRN Certified

CATALOG NO.	CONN. SIZE (IN.)	CUBIC INCHES	CONN. TYPE	LENGTH IN.	FLOW CAPACITY TAN @ 1PSI ΔP (FOR KW MULTIPLY TON BY 3.5)				UOM	OM
					R-134A	R-22 & R-410A	R-407C	R-404A & R-507		
NCH-032F	1/4	3	Flare	2.64	2	2	2	1.42	EA	1
NCH-032S	1/4	3	Sweat	2.64					EA	1
NCH-052F	1/4	5	Flare	3.07	2	2.28	2.28	1.42	EA	1
NCH-052S	1/4	5	Sweat	3.07					EA	1
NCH-053F	3/8	5	Flare	3.07	5.14	5.42	5.42	4	EA	1
NCH-053S	3/8	5	Sweat	3.07					EA	1
NCH-082F	1/4	8	Flare	3.90	2	2.28	2.28	1.42	EA	1
NCH-082S	1/4	8	Sweat	3.90					EA	1
NCH-083F	3/8	8	Flare	3.90	5.42	6	6	4	EA	1
NCH-083S	3/8	8	Sweat	3.90					EA	1
NCH-084F	1/2	8	Flare	3.90	7.42	8.28	8.28	5.71	EA	1
NCH-084S	1/2	8	Sweat	3.90					EA	1
NCH-163F	3/8	16	Flare	4.80	6.2	6.8	6.8	4.57	EA	1
NCH-163S	3/8	16	Sweat	4.80					EA	1
NCH-164F	1/2	16	Flare	4.80	8.5	9.4	9.4	6.2	EA	1
NCH-164S	1/2	16	Sweat	4.80					EA	1
NCH-165F	5/8	16	Flare	4.80	12.2	13.4	13.4	8.57	EA	1
NCH-165S	5/8	16	Sweat	4.80					EA	1
NCH-303F	3/8	30	Flare	7.48	6	6.57	6.57	4.28	EA	1
NCH-303S	3/8	30	Sweat	7.48					EA	1
NCH-304F	1/2	30	Flare	7.48	8.85	9.71	9.71	6.28	EA	1
NCH-304S	1/2	30	Sweat	7.48					EA	1
NCH-305F	5/8	30	Flare	7.48	12.85	14	14	9.42	EA	1
NCH-305S	5/8	30	Sweat	7.48					EA	1
NCH-307S	7/8	30	Sweat	7.48	17.71	19.42	19.42	12.85	EA	1
NCH-417S	7/8	41	Sweat	7.80	26	28.57	28.57	18.57	EA	1

DRIERS CONT'D

NDL® Suction Line Filter Drier



NCHSF-164S

Features

Solid core drier with XH-11 grade molecular sieves
Core composite: 70% molecular sieves, 25% activated alumina and 5% activated carbon
Compatible with all refrigerants, molecular sieves are above XH-11 grade, and pore size design will not absorb R32 components
Body design manufactured with advanced welding technology for leak-free joints and superior performance with high-pressure refrigerants
Furnace brazed pure copper connections, with longer length and thicker walls compared to other brands
Strong and rust-free furnace-brazed threaded fittings
Uses honey-comb design perforated plate to minimize pressure drops
Finished with semi-gloss black epoxy-polyester powder coat paint tested to 1,000 hours of salt spray, exceeding the ASTM standards
Packed under positive nitrogen pressure
UL and CRN Certified

CATALOG NO.	CONN. SIZE (IN.)	CUBIC INCHES	CONN. TYPE	LENGTH IN.	FLOW CAPACITY TAN @ 1PSI ΔP (FOR KW MULTIPLY TON BY 3.5) R-134A	R-22 & R-410A	R-407C	R-404A & R-507	UOM	OM
NCHSF-164S	1/2	16	Sweat	4.80	8.5	9.4	9.4	6.2	EA	1
NCHSF-165S	5/8	16	Sweat	4.80					EA	1
NCHSF-166S	3/4	16	Sweat	4.80	12.2	13.4	13.4	8.57	EA	1
NCHSF-167S	7/8	16	Sweat	4.80					EA	1
NCHSF-306S	3/4	30	Sweat	7.48					EA	1
NCHSF-307S	7/8	30	Sweat	7.48	17.71	19.42	19.42	12.85	EA	1
NCHSF-309S	1-1/8	30	Sweat	7.48					EA	1
NCHSF-419S	1-1/8	41	Sweat	7.80	26	28.57	28.57	18.57	EA	1

NDL® Bi-Flow Line Filter Drier



NCHBF-083S

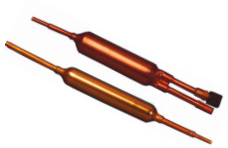
Features

Solid core drier with XH-11 grade molecular sieves, designed for use on liquid line in reversible refrigeration heat pumps
Core composite: 80% molecular sieves and 20% activated alumina
Compatible with all refrigerants, molecular sieves are above XH-11 grade, and pore size design will not absorb R32 components
Body design manufactured with advanced welding technology for leak-free joints and superior performance with high-pressure refrigerants
Furnace brazed pure copper connections, with longer length and thicker walls compared to other brands
Strong and rust-free furnace-brazed threaded fittings
Uses honey-comb design perforated plate to minimize pressure drops
Finished with semi-gloss black epoxy-polyester powder coat paint tested to 1,000 hours of salt spray, exceeding ASTM standards
Packed under positive nitrogen pressure
UL and CRN Certified

CATALOG NO.	CONN. SIZE (IN.)	CUBIC IN.	CONN. TYPE	LENGTH IN.	FLOW CAPACITY TAN @ 1PSI ΔP (FOR KW MULTIPLY TON BY 3.5) R-134A	R-22 & R-410A	R-407C	R-404A & R-507	UOM	OM
NCHBF-083S	3/8	8	Sweat	3.82	4.6	5.1	5	3.4	EA	1
NCHBF-084S	1/2	8	Sweat	3.82	5.73	6.7	6.6	4.41	EA	1
NCHBF-163S	3/8	16	Sweat	4.61	4.75	5.2	5.1	3.66	EA	1
NCHBF-164S	1/2	16	Sweat	4.61	7.43	8.1	7.9	5.41	EA	1
NCHBF-165S	5/8	16	Sweat	4.61	7.3	8.7	8.5	5.64	EA	1

DRIERS / CRANKCASE HEATERS

Spun Copper Driers



PD103

Features

All Copper Shells
100% Molecular Sieve with XH9 and XH11 desiccants
Fully Compatible with ALL new refrigerants

CATALOG NO.	DESCRIPTION	STAMFORD	UOM	OM
PD103	1" Directional Drier	4050	EA	1
PD109	3/4" Non Directional Drier	4051	EA	1
PD109B	50 Pack of PD109	4051	EA	50
PD109P	3 Pack of PD109	4051	EA	1
PD110	3/4" Directional Drier	4040	EA	1
PD110B	50 Pack of PD110	4040	EA	50
PD111	1" Valve Drier	4039	EA	1
PD111B	50 Pack of PD111	4039	EA	50
PD111P	3 Pack of PD111	4039	EA	1
PD112	1" 30 Gram Drier	4049	EA	1
PD113	1" Double Inlet Drier	4042	EA	1
PD113B	50 Pack of PD113	4042	EA	50
PD114	1" Directional Drier	4041	EA	1
PD115	3/4" Valve Drier	4044	EA	1
PD115B	50 Pack of PD115	4044	EA	50
PD115P	3 Pack of PD115	4044	EA	1
PD4178 *	3/4" Universal UV Dye	4178	EA	1

* New breakthrough drier with UV Dye already installed in the drier to make it easy to locate leaks in sealed systems.

CRANKCASE HEATERS

Universal Self Regulating Crankcase Heater



CHU40120

Applications

Used on refrigeration compressors up to 5 HP and 40" circumference in non-hazardous locations.

Features

UNIVERSAL - Self Regulating
Pre-stripped leads
Flexible Lockstrap
60 watts at 0°F
No thermostat required

CATALOG NO.	LENGTH (IN.)	LEAD LENGTH (IN.)	VOLTS	DIRECT REPLACEMENT FOR	UOM	OM
CHU40120	40	28	120	CCH-1C 4DLE4	EA	1
CHU40208-277	40	28	208-277	CCH-2C 4DLE5	EA	1

Tutco Crankcase Heaters

Features

Ground Lead Included



02-8291-02S

CATALOG NO.	VOLTS	WATTS	GIRTH DIMENSIONS MIN	MAX	SHAPE	UOM	OM
02-8291-02S	120	110	12	14-3/8	Oval	EA	1

Features

High temperature silicone rubber element and VW-1 insulated lead wires rated for 150°C
Wattage for each model matches compressor requirements
Nominal power consumption due to highly efficient heat transmission and low wattage
Voltage ratings through 600 VAC
Corrosion resistant exterior
Completely moisture-proof
Quick and easy installation
Custom leads and terminations available



CH196

CATALOG NO.	VOLTS	WATTS	GIRTH DIMENSIONS MIN	MAX	SHAPE	UOM	OM
CH103340	480	45	31-13/16	39	Oval	EA	1
CH1776	460	92	-	-	Round	EA	1
CH1962	120	40	19-15/16	27-1/8	Round	EA	1
CH197240	120	25	13-13/16	21	Round	EA	1
CH19740	240	25	13-13/16	21	Round	EA	1
CH1982	120	35	16-13/16	24	Oval	EA	1
CH1352	120	40	-	-	Oval	EA	1
CH135240	120	40	23-7/16	27-1/2	Oval	EA	1
CH13540	240	40	23-7/16	27-1/2	Oval	EA	1
CH196	240	40	19-15/16	27-1/8	Round	EA	1
CH2057	460	40	21-3/16	24-3/8	Round	EA	1
CH1963	480	40	19-15/16	27-1/8	Round	EA	1
CH1032	120	45	-	-	Oval	EA	1
CH103240	120	45	24-13/16	32	Oval	EA	1
CH10340	240	45	24-13/16	32	Oval	EA	1
CH184	240	45	13-13/16	21	Round	EA	1
CH10540	240	50	31-13/16	39	Round	EA	1
CH101240	120	54	27-7/16	39-5/8	Oval	EA	1
CH10140	240	54	27-7/16	39-5/8	Oval	EA	1
CH101340	480	54	27-7/16	39-5/8	Oval	EA	1
CH10240	240	60	25-13/16	33	Oval	EA	1
CH2022	120	70	33-9/16	37-3/8	Round	EA	1
CH2802	120	70	20-13/16	28	Round	EA	1
CH205	240	40	-	-	Round	EA	1
CH230	240	70	21-13/16	29	Round	EA	1
CH280	240	70	20-13/16	28	Round	EA	1
CH2023	480	70	33-9/16	37-3/8	Round	EA	1
CH2303	480	70	21-13/16	29	Round	EA	1
CH2803	480	70	28	20-13/16	Round	EA	1
CH2552	120	100	28-5/16	35-1/16	Round	EA	1
CH255	240	90	28-5/16	35-1/16	Round	EA	1
CH2707	460	100	36	43-3/8	Round	EA	1
CH2727	460	100	38	30-13/16	Round	EA	1
CH2553	480	90	28-5/16	35-1/16	Round	EA	1
CH2822	120	150	38-1/8	45-1/2	Round	EA	1
CH2557	460	90	27-3/4	35-1/8	Round	EA	1

WIRING HARNESS / DRIERS

Three Wire Compressor Terminal Repair Kits



TLC38

TERM-LOK

Features

The Term-Lok Kit was designed for repairing damaged spade terminals or for non-burned terminals to prevent future burn off.
Made from of high quality, heat sensored brass and are guaranteed for the life of the compressor.

Includes:

Brass cylindrical tube with a diameter large enough to slip over the pins
Stainless set screw to lock onto the terminal
Anti-arcing spacer to prevent arcing between posts
Will never crack, break or burn off
Provides four full points of contact on the new terminal

CATALOG NO.	GAUGE	SERVICES	UOM	OM
TLC38	8	5 ton units and above	EA	1
TLC310	10	3 - 5 ton units	EA	1
TLC312	12	1 - 3 ton units	EA	1

Replacement Compressor Leads



CC33

Extreme heat within compressors typically causes failure of wiring insulation. This can cause corrosion to the inner strands of copper within the wire used for compressor hook up. This reduces the power flow to the compressor causing the unit to overheat and can prevent the compressor from starting. A MINIMUM of 12in. of wire must be removed. The DiversiTech Replacement Compressor Leads are ideal for replacing this corroded wiring. 24in. leads also available for replacing wire all the way to the contactor and capacitor.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
CC33	Compressor Leads – 12" with Butt, pack of 3	PK	1
CC33-18	Compressor Leads – 18" with Butt, pack of 3	PK	1
CC33-24	Compressor Leads – 24" with Ring, pack of 3	PK	1

LG Wiring Harnesses



LG58-10QSS

LG

Features

This molded plug harness supplies power to LG brand compressors and eliminates the need for a terminal cover.

CATALOG NO.	GAUGE	AIR CONDITIONING COMPRESSOR	MEDIUM TEMP. COMPRESSOR	UOM	OM
LG58-10QSS	10	GEN1: AQA, ABA series 1ph & 3ph voltage GEN2: ABG, ABM series 1ph & 3ph voltage	GEN1: MBA series 1ph & 3ph voltage	EA	1
LG58-12QSS	12	GEN1: APA, APB series 1ph & 3ph voltage GEN2: APG, APM series 1ph & 3ph voltage	GEN1: MPA series 1ph & 3ph voltage	EA	1

Premium Filter Drier



DBF163S

DIVERSITECH

The DiversiTech® bi-flow drier is designed specifically for heat pump or reverse cycle application. The core design filters out contaminant particles down to 25 microns. It's powder paint exterior coating surpasses the 500 hour ASTM salt spray test and resists corrosion.

CATALOG NO.	DESCRIPTION	UOM	OM
DBF163S	Drier,Bi Flo,V2A-163 Sweat 3/8	EA	1
DBF164S	Drier,Bi Flo,V2A-164 Sweat 1/2	EA	1

Suction Line Drier



DSLD27-9SVHH

DIVERSITECH

The solid-core clean-up dryer was developed for use in a system suction line. The compact design incorporates a large outside diameter shell, which results in a shorter lay-in length, and a larger core, which provides a greater filtration area for maximum operating efficiency.

CATALOG NO.	VIRGINIA KMP	CONNECTION	CUBIC IN.	UOM	OM
DSLD13-7SVHH	AL-24-55C SWEAT	5/8"	13"	EA	1
DSLD27-9SVHH	AL-44-9SC SWEAT	1-1/8"	27"	EA	1

Flare Filter Drier



DAD082

DIVERSITECH

The DiversiTech® DAD052 1/4 in. flare 5 cubic in. liquid line drier has a high moisture and acid capacity along with maximum filtration capacity. It's compatible with all existing and new refrigerants and blends including 134a, 401A/B, 402A/B, 404A, 407A/B/C, 410A, 502, and 507A. It's powder paint exterior coating surpasses the 500 hour ASTM salt spray test and resists corrosion.

CATALOG NO.	DESCRIPTION	UOM	OM
DAD052	Drier, L/L , WLD-052 Flare,1/4in.	EA	1
DAD082	Drier, L/L, WLD-082 Flare, 1/4in	EA	1

Visit DiversiTech.com for full offering.

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

HARD START KITS

Two Wire Electro-Mechanical Voltage Sensing Relay



TQS1

TORQSTART EM

Features

Potential relay and start capacitor for compressor hard start applications
More reliable than PTC type hard starts
Two wire connection
For use with reciprocating and scroll compressors
Quick connect terminals
Bleed down resister to safely discharge the capacitor

CATALOG NO.	CAPACITOR SIZE (MF)	TONS	COMPRESSOR	PICK-UP VOLTAGE (VAC)	MAXIMUM COIL VOLTAGE (VAC)	DIRECT REPLACEMENT FOR	UOM	OM
TQS1	189-227	1.5 - 3	Recip and Scroll	239-268	502	TO-5; SK3W3	EA	1
TQS2	270-324	3.5 - 5	Recip and Scroll	280-315	502	KS1; SK3W6S	EA	1

Standard PTC Relay and Hard Start Capacitor



TQS5

TORQSTART ST

Applications

For all permanent split capacitor, single phase air conditioning and heat pump systems

Features

Increases compressor starting torque for faster recycling
Wired with “Piggy-Back” terminals for easy installation on run capacitors
Designed for 115 volt thru 277 volt systems
Mounts easily with either screw or clip

CATALOG NO.	OPER. VOLTAGE (VAC)	RECOMM. RANGE (HP)	INCREASE IN TORQUE (%)	DIRECT REPLACEMENT FOR	UOM	OM
TQS5	115-277	1/2 to 10	300%	32701 SPP5	EA	1
TQS6	115-277	1/2 to 10	500%	32702 SPP6	EA	1
TQS8	115-277	1/2 to 10	600%	32708 SPP7S	EA	1

All Purpose 3-N-1 Kit



TQS21

TORQSTART AP

Features

Combination relay, overload and capacitor
Pre-wired for easy installation
Extra long compressor leads for mounting flexibility
All models adapt to 115 volt compressors with external overload protector

CATALOG NO.	COMPRESSOR SIZES	VOLTS	DIRECT REPLACEMENT FOR	UOM	OM
TQS21	1/2 HP	115	600-210 RCO210	EA	1
TQS41	1/4 and 1/3 HP	115	600-410 RCO410	EA	1
TQS81	1/12 thru 1/5 HP	115	600-810 RCO810	EA	1

Universal Spun Copper Driers

Manufactured with the latest generation molecular sieves compatible with more than 20 different types of refrigerants, including R-134A.



DX-4

DIVERSITECH

CATALOG NO.	LENGTH GRAMS	DESSICANT R12	UOM	OM
DX-3	7-11/16"	10	EA	1
DX-4	9"	18	EA	1
DXA-5	9-1/4"	20	EA	1

Torque Plus— Hard Start Kits

Totally solid state, our DST 5 is just right for all permanent split capacitor (PSC) compressors from 1/2 to 10 HP It can be used on units that operate on 120 through 288 Volts. The DST 6 offers a larger capacitor for severely hard to start compressors. The DST 6 can be used on all PSC single phase compressors from 1-1/2 to 10 HP A unique combination of relay and safety timer. The capacitor is automatically disconnected in 0.5 seconds if the compressor fails to start.



DST-5 DST-6

CATALOG NO.	DESCRIPTION	UOM	OM
DST-5	Torque Plus – 300% Torque Multiplier	EA	1
DST-6	Torque Plus – 500% Torque Multiplier	EA	1

COOPER-ATKINS - THERMOMETERS

HACCP Dial Oven Thermometer

The 24HP HACCP Oven Thermometer can hang or stand, features a HACCP reference dial and is NSF Listed.



CA24HP-01-1

Features

Handy HACCP reference dial
Can hang or stand
NSF listed

Specifications

Temperature Accuracy Celsius	±12.5°C
Temperature Accuracy Fahrenheit	±25°F
Weight	1.5oz / 43g
Dimensions	2.375" x 1.5" x 3" 60mm x 38mm x 76mm
Temperature Range Celsius	50°C to 300°C
Temperature Range Fahrenheit	-100°F to 600°F
Warranty	1 Year

CATALOG NO.	DESCRIPTION	UOM	OM
CA24HP-01-1	The 24HP HACCP Oven Thermometer can hang or stand, features a HACCP reference dial and is NSF Listed.	EA	1

HACCP Professional Refrigerator/Freezer Thermometer

The 25HP HACCP Professional Refrigerator/Freezer thermometer hangs or stands. It features a HACCP reference dial and is NSF listed.



CA25HP-01-1

Features

Handy HACCP reference dial
Can hang or stand
NSF listed

Specifications

Temperature Accuracy Celsius	±1°C
Temperature Accuracy Fahrenheit	±2°F
Weight	1.5oz / 43g
Dimensions	2.75" x 1.5" x 3" 60mm x 38mm x 76mm
Temperature Range Celsius	-29°C to 27°C
Temperature Range Fahrenheit	-20°F to 80°F
Warranty	1 Year

CATALOG NO.	DESCRIPTION	UOM	OM
CA25HP-01-1	The 25HP HACCP Professional Refrigerator/Freezer thermometer hangs or stands. It features a HACCP reference dial and is NSF listed.	EA	1

HACCP Dial Hot Holding Thermometer

The 26HP Hot Holding Cabinet Thermometer can hang or stand, is NSF listed and features a HACCP reference dial and HACCP guidelines.



CA26HP-01-1

Features

Handy HACCP reference dial
Can hang or stand
NSF listed

Specifications

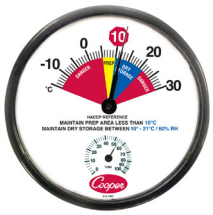
Temperature Accuracy Celsius	±1.5°C
Temperature Accuracy Fahrenheit	±3°F
Weight	1.5oz / 43g
Dimensions	2.375" x 1.5" x 3" 60mm x 38mm x 76mm
Temperature Range Celsius	38°C to 80°C
Temperature Range Fahrenheit	-100°F to 175°F
Warranty	1 Year

CATALOG NO.	DESCRIPTION	UOM	OM
CA26HP-01-1	The 26HP Hot Holding Cabinet Thermometer can hang or stand, is NSF listed and features a HACCP reference dial and HACCP guidelines.	EA	1

COOPER-ATKINS - THERMOMETERS

12in HACCP Dry Storage / Prep-Area Thermometer

The 212-158 HACCP thermometer is brightly colored and features a 12"(30.5cm)diameter. It has a HACCP reference color-zoned dial and a large black pointer for ease in viewing. This oversized wall thermometers allow easy monitoring of temperatures in critical food-related locations.



CA212-158-8

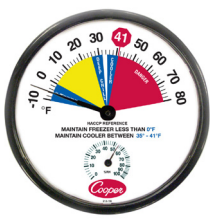
Features

B-metal Coil Movement, Large black pointer makes viewing easy
HACCP Referenced, colored zone Dial

CATALOG NO.	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	WEIGHT	TEMP. RANGE FAHRENHEIT	UOM	OM
CA212-158-8	±2°F	1°F increments	15oz / 425g	10°F to 80°F	EA	1

12in HACCP Cooler / Freezer Wall Thermometer

12" HACCP Cooler / Freezer Wall Thermometer with Humidity Meter. HACCP reference color-zone dial and large black pointer for easy viewing. Oversized wall thermometers allow easy monitoring of temperatures in critical food-related locations.



CA212-159-8

Features

Large easy-to-read dial with brightly-colored HACCP reference color zones
Humidity dial
Easy-to-mount with back hanger
Plastic lens with UV protection for outdoor environments

CATALOG NO.	TEMP. ACCURACY CELSIUS	RESOLUTION	WEIGHT	TEMP. RANGE CELSIUS	WARRANTY	HUMIDITY RANGE	HUMIDITY ACCURACY	DIAL DIAMETER	UOM	OM
CA212-159-8	1°C	1°C increments	15oz / 425g	-25°C to 35°C	1 Year	1 to 100% RH	±5% at 50 to 99%RH, ±7 at 25 to 49%RH, ±9% < 25%RH	12"/305mm x 1.25"/32mm	EA	1

12in Wall Thermometer / Humidity Meter

212 Series Wall Thermometers are 12" / 30.5 cm in diameter and available for a variety of requirements that increases employee awareness while monitoring temperature.



CA212-150-8

Features

Large easy-to-read dial, 12" diameter
Humidity dial
Easy-to-mount with back hanger
Plastic lens with UV protection for outdoor environments

CATALOG NO.	TEMP. ACCURACY CELSIUS	RESOLUTION	WEIGHT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	WARRANTY	HUMIDITY RANGE	DIAL DIAMETER	UOM	OM
CA212-150-8	1°C	2°F / 1°C increments	15oz / 425g	-40°C to 50°C	-40°F to 120°F	1 Year	0° to 100% RH	12"/305mm x 1.25"/32mm	EA	1

COOPER-ATKINS - THERMOMETERS

Digital Refrigerator / Freezer Thermometer



CA2560

Part of the Accurate for Life family of products the 2560 is the first NSF-Certified digital refrigerator / freezer thermometer. With a large, easy-to-read display, it is designed to hang, stand or mount with cable-ties (included) within the food zone inside cold storage cabinets. The unique ABS plastic frame design is removable for easy cleaning. Both the thermometer and frame are splash-resistant and incorporate anti-microbial additive that helps to inhibit bacteria growth.

Features

Designed to hang, stand or be mounted with cable-ties inside
Fahrenheit or Celsius selectable
Water resistant thermometer and frame with an anti-microbial additive that helps prevent the growth of bacteria

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	AMBIENT TEMP. RANGE	WATERPROOF RATING	RESPONSE TIME	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA2560	±0.5° from -20°C to 10°C, ±1° otherwise	±1°F from -4°F to 50°F, ±1.8° otherwise	0.1°	-22°F to 122°F / -30°C to 50°C increments	Water resistant	60 second updates	–30°C to 50°C	–22°F to 122°F	EA	1

Additional Specifications

Certifications – NSF, CE, ROHS, WEEE

Battery Type – (1) 3V, CR2032 battery
Battery Life – 316 days (Low Battery Indicator)

Housing Materia – FDA approved ABS Plastic Housing and Frame w/antimicrobial
Weight – 1.5oz / 43g
Dimensions – 3 9/16" x 1 1/4" x 3 1/2" / 90mm x 32mm x 89mm

Warranty – Accurate For Life

Digital Refrigerator / Freezer Thermometer



CA2238-06-3

The 2238 series has a tempered glass lens and features a stainless steel vessel clip. The 2238-06 is perfect for monitoring dough through the yeast-kill process. Yeast becomes dormant at 63°F / 17.2°C and works best between 80° and 95°F / 26.7° and 35°C. It is NSF listed and features a stainless steel clip.

Features

Adjustable Vessel Clip

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA2238-06-3	±1°C	±2°F	-10°C to 100°C	0°F to 220°F	EA	1

Additional Specifications

Certifications – NSF

Dial Diameter – 2" / 5.08cm
Shaft Diameter – .140" / 3.5mm

Housing Materia – Stainless Steel
Weight – 1.25oz / 35.4g
Shaft Length – 8"/ 20.3cm

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Industrial Flange Mount 4in Stem Thermometer



CA2225-02-5

The 2225-02 & 2225-03 features a 2" dial diameter and 4" stainless steel stem and a back flange bezel, chrome plated with three (3) .150" diameter mounting holes equally spaced on a 2.9" diameter bolt circle.

Features

Features a 2" dial diameter and 4" stainless steel stem
Chrome plated with three (3) .150" diamter mounting holes equally spaced on a 2.9" diameter bolt circle

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA2225-02-5	1°C	±2°F	-10°C to 100°C	0°F to 220°F	EA	1
CA2225-03-5	1.5°C	±3°F	-40°C to 70°C	-40°F to 160°F	EA	1

Additional Specifications

Housing Materia – Stainless Steel
Weight – 3oz / 85g
Dimensions – 3.5" x 3.5" x 4.5" / 89mm x 89mm x 114mm
Shaft Length – 4" / 102mm

Warranty – 1 Year

Pizza Oven Flange Mount Thermometer - Dual Scale



CA2225-20

Developed for wall through mounting, unit has bi-metal movement and glass lens with a 0.25" / 6.35 mm diameter stainless steel stem. Stainless steel back flange bezel has three equally spaced mounting holes 0.150" / 3.81 mm diameter.

Features

Bi-metal movement and glass lens with a 0.25 Â / 6.35 mm diameter stainless steel stem
Developed for wall through mounting
Stainless steel back flange bezel has three equally spaced mounting holes 0.150 Â / 3.81 mm diameter

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA2225-20	±10°C	±20°F	100°C to 500°C	200°F to 1000°F	EA	1

Additional Specifications

Housing Materia – Stainless Steel
Weight – 3oz / 85g
Dimensions – 3.5" x 3.5" x 4.5" / 89mm x 89mm x 114mm
Shaft Length – 4" / 102mm

Warranty – 1 Year

Industrial Flange Mount 6in Stem Thermometer



CA2245-03-5

The 2245-03 features a 2" dial and 6" stainless steel stem. It features a back flange bezel, chrome plated with three (3) .150" diameter mounting holes equally spaced on a 2.9" diameter bolt circle.

Features

Features a 2" dial and 6" stainless steel stem
Back flange bezel, chrome plated with three (3) .150" diamter mounting holes equally spaced on a 2.9" diameter bolt circle

CATALOG NO.	TEMP. ACCURACY FAHRENHEIT	HOUSING MATERIAL	UOM	OM
CA2245-03-5	±3°F	Stainless Steel	EA	1

COOPER-ATKINS - THERMOMETERS

Grill Thermometer

The 3210-08 Grill Thermometer features unique grips for easy removal from the hot grill surface. It features a HACCP reference dial and is NSF listed.

Features

Unique grips for easy removal from hot grill surface
Glass Lens: 2.5" / 64mm



CA3210-08-1-E

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA3210-08-1-E	±12.5°C	±25°F	50°C to 300°C	100°F to 600°F	EA	1

Additional Specifications

Certifications – NSF

Dial Diameter – 2.5" / 6.3 cm cast aluminum construction

Weight – 3oz / 85g

Warranty – 1 Year

Vertical Glass Tube Refrigerator/Freezer Thermometer

330 Lightweight Refrigerator/Freezer thermometer. It features a non-toxic spirit-filled glass hanging tube. The 330 is NSF listed.

Features

Lightweight with built-in "L" bracker for hanging
Â Non-toxic spirit-filled glass hanging tube



CA330-0-1

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	WEIGHT	WARRANTY	UOM	OM
CA330-0-1	±1°C	±2°F	-40°C to 50°C	-40°F to 120°F	3oz / 85g	1	EA	1
CA330-0-4	330 Lightweight bulk packed in box of 50							

Additional Specifications

Certifications – NSF

Dimensions – 0.625" x 0.25" x 4.25" / 16mm x 6.4mm x 108mm

Horizontal Glass Tube Refrigerator Thermometer

335 Horizontal Glass Tube Refrigerator thermometer features magnifying lens and hangs, stands or permanently mounts. It is NSF listed.

Features

Horizontal orientation that can hang or stand
Magnifying lens



CA335-01-1

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	WEIGHT	WARRANTY	UOM	OM
CA335-01-1	±1°C	±2°F	-40°C to 50°C	-40°F to 120°F	1oz / 28g	1	EA	1

Additional Specifications

Certifications – NSF

Dimensions – 4.75" x 0.875" x 1.125" / 121mm x 22mm x 29mm

COOPER-ATKINS - THERMOMETERS

Front Flange Back Connect Panel Thermometer

Used in many HVAC/R applications, these units are the perfect choice for use in walk-in refrigerators, tanks, refrigerated display cases, holding and specialty cabinets, dairy cases, freezers, floral displays and much more. They are able to obtain interior temperature readings remotely from outside of the cabinet and can be retro-fitted.



CA6142-20-3



CA6812-01-3

Features

Nickel/tin-plated bulb and capillary
Polycarbonate lens/bezel
Stainless steel cases

CATALOG NO.	TEMP. ACCURACY FAHRENHEIT	TEMP. ACCURACY CELSIUS	CAPILLARY LENGTH	WEIGHT	TEMP. RANGE FAHRENHEIT	TEMP. RANGE CELSIUS	UOM	OM
CA6142-20-3	±2°F (±1°C) at 10° to 40°F	-40° to 15°C	48" (1.2 m)	5 oz (142 g)	-40°F to 60°F	-12° to 4.5°C	EA	1
CA6142-58-3	±2°F (±1°C) at 10° to 40°F	-40° to 15°C	20' (6.1 m)	7 oz (198 g)	-40°F to 80°F	-12° to 4.5°C	EA	1
CA6642-06-3	±2°F (±1°C) at 10° to 40°F	-40° to 15°C	20' (6.1 m)	7 oz (198 g)	-40°F to 80°F	-12° to 4.5°C	EA	1
CA6812-01-3	±2°F (±1°C) at 10° to 40°F	-40° to 15°C	20' (6.1 m)	7 oz (198 g)	-40°F to 80°F	-12° to 4.5°C	EA	1

Additional Specifications

Certifications – NSF

Dial Diameter – 2" / 51mm
Flange – Front
Connection – Back
Mounting – Flush

Warranty – 1 Year

DM120 Series Front Flange Back Connect Panel Thermometer

Available with front flange for flush mounting or back flange for surface mounting to cabinet and/or enclosure. The removable 2" (51 mm) diameter polycarbonate lens makes battery replacement easy.



CADM120-0-3

CATALOG NO.	TEMP. ACCURACY FAHRENHEIT	TEMP. ACCURACY CELSIUS	RESOLUTION	AMBIENT OPERATING RANGE	TEMP. RANGE FAHRENHEIT	TEMP. RANGE CELSIUS	UOM	OM
CADM120-0-3	±2°F	±1°C	0.1°	15° to 150°F up to 90% non-condensing	-40°F to 120°F	-40° to 48°C	EA	1
CADM120S-0-3	±2°F	±1°C	0.1°	15° to 150°F up to 90% non-condensing	-40°F to 120°F	-40° to 48°C	EA	1

Additional Specifications

Certifications – NSF

Response Time – 30 second updates
LCD – 1.3" x 0.5" (33 mm x 13 mm)

Housing Materia – Stainless Steel
Dimensions – 3.0" x 1.375" (76 mm x 27 mm)

Lead Length – 39" (1 m)
Power – (1) 1.5V #LR754
Mounting – Front Flange
Weight – 2.5 oz (71 g)

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Waterproof Pen Style Digital Thermometer

This waterproof digital thermometer is NSF listed and has automatic shut-off. Designed with anti-microbial additive to avoid bacteria growth and reduced stainless steel tip for a quick response time.



CADPP400W-0-8

Features

F/C Switchable
Auto-off after 10 minutes of non-use

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	WATERPROOF RATING	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CADPP400W-0-8	±1°C from -10°C to 100°C ±1.5°C all other ranger	±2°F from -14°F to 212°F ±3°F all other readings	0.1°F from -40 - 199°F, 1°F from 200 - 392°F, 0.1°C throughout the entire range	IPX7	-40°C to 200°C	-40°F to 392°F	EA	1

Additional Specifications

Certifications – NSF, CE, WEEE, RoHS

Battery Type – 1.5V LR44
Battery Life – 500 hours

Dimensions – 3/4" x 5/8" x 6.0" / 19 mm x 15.8 mm x 152.4 mm (w/sheath)
Shaft Length – 2.75" x .75" / 69.9mm x 19mm (tip)
Housing Material – ABS plastic with Antimicrobial Additive

Shaft Diameter – 0.046" / 1.19mm (at sensor)
LCD – .25" / 6.35mm

Weight – 9oz
Response Time – < 6 sec

Warranty – Lifetime

MAX Digital Pocket Test Thermometer

MAX Digital Pocket Test Thermometer has a Jumbo LCD, 12" reach with pocket sheath and can be used to test dishwasher final rinse cycles. The DPP800W sensor is located at the end of the reduced tip, providing a quick response time of less than 6 seconds. MAX has a large pocket clip with antimicrobial additive and is part of the Accurate for Life Family.



CADPP800W

Features

Quick response time of less than 6 seconds
Can be used to test dishwasher final rinse cycles
Large pocket clip with antimicrobial additive
Jumbo LCD

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	WATERPROOF RATING	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CADPP800W	±0.5°C from 0°C to 100°C, ±1.0C° from -20°C to 0°C and from 100°C to 150°C, ±1.5C° from -40°C to 20°Cother ranger	±1°F from 32°F to 212°F, ±2F° from -4°F to 32°F and from 212°F to 302°F, ±3F° from -40°F to -4°F	0.1°	IPX7 (dishwasher safe)	-40°C to 232°C	-40°F to 450°F	EA	1

Additional Specifications

Battery Life – 500 hours (low battery indicator)

Dimensions – 8" x 1" x 0.75" /203mm x 25mm x 19mm
Shaft Length – 4" / 102mm
Housing Material – FDA approved plastic w/antimicrobial additive

Weight – 1oz / 28g
Response Time – 6 sec

Warranty – Lifetime - Accurate for Life

COOPER-ATKINS - THERMOMETERS

Swivel Head Digital Pocket Test Thermometer



CADPS300-01-8

Most Digital Pocket Tests in today 's market either don 't have a swivel head, or swivel 90° or less. The unique DPS300-01 allows you to swivel 90° in either direction for a total of 180°. This Swivel Head design will stop at 30°, 45°, 60° or 90° increments, in both directions, allowing for easier temperature readings at any angle. It has a Stainless Steel stem with a Reduced Tip Design which gives you faster response times. A protective pocket sheath is included. Now the DPS300-01 will re-start in the last °F or °C temperature mod last used. Saving time and making the DPS300-01 more user friendly.

Features

Auto-off after 10 minutes of non-use

RoHS

CATALOG NO.	TEMP. ACCURACY FAHRENHEIT	TEMP. ACCURACY CELSIUS	RESOLUTION	RESPONSE TIME	TEMP. RANGE FAHRENHEIT	TEMP. RANGE CELSIUS	UOM	OM
CADPS300-01-8	32°F to 212°F, ±2°F > 212°F and <32°F: ±4°F	0°C to 100°C, ±1°C >100°C and <0°C: ±2°C	0.1°	<18 sec	-40°F to 302°F	-40°C to 150°C	EA	1

Additional Specifications

Certifications – CE, WEEE, RoHS

Battery Type – 1.5V LR44
Battery Life – 500 hoursDial Diameter – 2" / 51mm

Housing Material – Shaft: Stainless Steel ; Case: ABS antimicrobial plastic
Dimensions – 1 3/4" x 5 3/4" x 7/8" / 44mm x 146mm x 22mm
Shaft Length – 4.75" / 120mm
Shaft Diameter – .150" /3.8mm (.102" /2.6mm tip)

Warranty – 1 Year

Oval Style Digital Pocket Test Thermometer



CADT300-0-8

This economy pocket test includes a protective pocket sheath with clip and has an on-off switch.

Features

F/C switchable

CATALOG NO.	TEMP. ACCURACY FAHRENHEIT	TEMP. ACCURACY CELSIUS	RESOLUTION	WEIGHT	TEMP. RANGE FAHRENHEIT	TEMP. RANGE CELSIUS	UOM	OM
CADT300-0-8	±2°F from -10° to 212°F, ±4°F all other ranges and <32°F: ±4°F	±1°C from -23° to 100°C, ±2°C all other rangesand <0°C: ±2°C	0.1°	7oz / 198g	-40°F to 302°F	-40°C to 150°C	EA	1

Additional Specifications

Certifications – CE, WEEE

Battery Type – LR44
Battery Life – 500 hoursDial Diameter – 2" / 51mm

Dimensions – 1 3/8" x 1 3/16" x 5 1/2" / 35mm x 30mm x 140mm
Shaft Length – 5" / 127mm
Shaft Diameter – .150" /3.8mm
LCD – .25" / 6.35mm

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Silicone Jacketed - Straight Cable

Male-to-female extension cable used to add length to a probe cable. Cable features include: Kevlar® reinforced, braid, and Silicone outer jacket. Available in Type J, K, and T.

Features

Built with high-temperature, abrasion-resistant cables
Designed and built to the highest standards allowing for probe interchangeability with minimal impact on total system accuracy

CATALOG NO.	LENGTH	WEIGHT	DIMENSIONS	UOM	OM
CA10046-K	10'	3oz / 85g	3.5" x 0.75" x 3.5" / 89mm x 19mm x 89mm (coiled)	EA	1
CA10051-K	25'	–	–	EA	1



CA10046-K

Puncture Probe with Heavy Duty Cord

Heavy-duty thermistor probe designed with an extra long shaft length.

CATALOG NO.	WEIGHT	DIMENSIONS	WARRANTY	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA1014	6oz / 170g	2.25" x 0.75" x 21" / 57mm x 19mm x 533mm (envelope w/ cord)	1 Year	-40°C to 149°C	-40°F to 300°F	EA	1

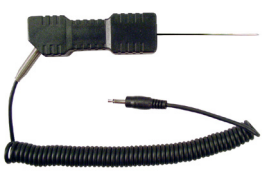


CA1014

Blunt Tip Veterinary Probe

3.5" rigid blunt tip veterinary probe. Used preferably with the TM99A-V Thermistor Instrument.

CATALOG NO.	WEIGHT	DIMENSIONS	WARRANTY	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA1050	2oz / 57g	1.75" x 0.56" x 6.75" / 44mm x 14mm x 171mm (enveloped w/cable)	1 Year	-40°C to 149°C	-40°F to 300°F	EA	1



CA1050

Air Probe

Thermistor air probe with extra-long cord length.

CATALOG NO.	DIMENSIONS	WARRANTY	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA2010	2.5" x 0.75" x 7.5" / 64mm x 19mm x 191mm (envelope w/cord)	1 Year	40°C to 93°C	-40°F to 200°F	EA	1

Additional Specifications

Weight – 2oz / 57g



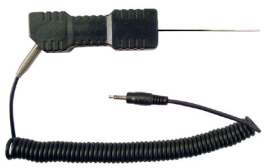
CA2010

COOPER-ATKINS - THERMOMETERS

Needle Probe

Standard thermistor needle probe. Can be used in "Pete's Plug" port.

CATALOG NO.	WEIGHT	DIMENSIONS	WARRANTY	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA1052	2oz / 57g	1.75" x 0.56" x 6.75" / 44mm x 14mm x 171mm (enveloped w/cable)	1 Year	-40°C to 100°C	-40°F to 212°F	EA	1



CA1052

General Purpose Puncture Probe

General Purpose Puncture Probe used to measure temperatures by insertion or immersion.

CATALOG NO.	WEIGHT	RESPONSE TIME	SHAFT LENGTH	WARRANTY	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA1075	2oz / 57g	6 Sec	3.75" / 95mm	1 Year	-40°C to 149°C	-40°F to 300°F	EA	1
CA1078	2oz / 57g	ABS	7" / 178mm	1 Year	-40°C to 149°C	-40°F to 300°F	EA	1



CA1075

Blunt Tip Veterinary Waterproof Probe

4" Blunt tip veterinary probe. Waterproof. Used preferably with the TM99A-V Veterinary Thermistor Instrument.

CATALOG NO.	DIMENSIONS	WARRANTY	TEMP. RANGE FAHRENHEIT	UOM	OM
CA2007	1" x 5/8" x 5" / 25mm x 16mm x 127mm (envelope w/cord)	1 Year	-40°F to 300°F	EA	1

CA2007

Additional Specifications

Weight – 2oz / 57g

Pipe Strap Probe

Thermistor Pipe Strap probe is designed to measure pipe surface temperatures. Stretch Elastic Strap allows for quick and easy Installation. Patented Design

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA4011	±1.4°C on a 1/2" diameter pipe @ 60°C	±2.5°F on a 1/2 diameter pipe @140°F	-32°C to 100°C	-25°F to 212°F	EA	1



CA4011

Additional Specifications

Weight – 2oz / 57g

Dimensions – 2" x 0.75" x 3.5" / 51mm x 19mm x 89mm (envelope w/cord & elastic strap)

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Thermistor Pipe Clamp Probe

Thermistor pipe clamp probe with easy to use retractable clamp handle and 10' cord length can attach to pipes up to 1 3/8" in diameter.



CA4005

CATALOG NO.	HOUSING MATERIAL	DIMENSIONS	RESPONSE TIME	WARRANTY	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA4005	Dupont Zytel 80G33L nc010	3" x 1" x 6.5" / 76mm x 25mm x 165mm (envelope w/cord)	12 Sec	5 Years	-10°C to 100°C	-14°F to 212°F	EA	1

Cordless Pipe Clamp Surface Thermistor

Perfect tool to measure pipe surface temperatures and/or take measurements of liquids/solids quickly and easily without a lot of equipment with the same instrument.



CA4005i

Features

Can be used on pipes with diameters of 1/4" to 1-3/8"
Switches to display in °F or °C
Has cordless pipe clamp with a 2.5" retractable general purpose puncture probe
Single handed use

CATALOG NO.	ACCURACY	DIMENSIONS	RESOLUTION	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA4005i	Clamp: ±3°F (2°C) from 14° to 212°F (-10° to 100°C) Probe: ±3°F (±2°C) over entire range	4" x 1" x 6-1/2" (102 mm x 25 mm x 165 mm)	0.1°	-50° to 70°C	-58° to 158°F	EA	1

Additional Specifications

Battery Type – Button cell battery, AG13 or LR44 (included)
Battery Life – 90 hours

Housing Material – Plastic (Dupont Zytel) / Shaft - Stainless Steel

Shaft Dimensions – 2.5" (63.5 mm) X 0.157" (3.9 mm)

Response Time – Clamp: 90 seconds on 140°F pipe

Ambient Temp. – 0° to 120°F up to 90% non-condensing

Pipe Clamp Probe for Thermocouple Thermometers

For use with your Type K thermocouple thermometer, the 4005MK probe is used for measuring pipe surface temperatures. Can be used on pipes with diameters of .25" to 1.375"



CA4005MK

CATALOG NO.	MAXIMUM TIP TEMP.	MAXIMUM CABLE TEMP.	RESOLUTION	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA4005MK	300°F (149°C)	200°F (93°C)	0.1°	-29° to 149°C	-20° to 300°F	EA	1

Additional Specifications

Cable Material – TPE Outer Jacket
Cable Length – 10' (3m)

Response Time – 2 seconds on pipe

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

NotifEye Sensor



CA15200

NotifEye 900 MHz sensors pass information wirelessly to the NotifEye application which collects and records data 24/7. The sensors operate on a 900 MHz frequency-hopping spread spectrum with an open-field range of up to 2,500 ft and a typical interior range of up to 500 ft. Each sensor is battery operated and monitors against preset conditions that are user-defined within the NotifEye application. Information recorded to the database (°F/C) is time stamped and cannot be altered through the user interface.

Features

900 MHz Sensor with 6' lead
Sensors pass information wirelessly to the NotifEye application which collects and records data 24/7
Open-field range of up to 2,500 ft and a typical interior range of up to 500 ft.
Battery-operated

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA15200	±0.5°C	±1.0°F	0.1°	-32°C to 82°C	-25°F to 180°F	EA	1

Additional Specifications

Certifications – FCC, IC, Giteki

Weight – 2oz / 57g (with probe)
Battery Life – 5 years

Housing Material – ABS plastic
Dimensions – 3.5" x 1.7" x 1" / 89mm x 43mm x 25mm (transmitter)
Shaft Length – 0.5" / 13mm
Shaft Diameter – .150" /3.8mm (.102" /2.6mm tip)

Warranty – 1 Year

AquaTuff Waterproof Thermocouple Instrument



CA35200-K

The AquaTuff 35200-K model is a high accuracy instrument designed to withstand the harsh environments in a kitchen or in food processing. The ABS housing is extremely durable and IPX7 waterproof rated. The housing is ergonomic with a tapered design and curved back to fit nicely in your hand. The 35200-K can be used with any Type K thermocouple probe with a standard mini-connector.

Features

Hold button will freeze current reading
Large, easy-to-read display, LED backlight

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	F/C SWITCHABLE	RESOLUTION	WATERPROOF RATING	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA35200-K	±0.3C°	±0.5F°	Yes	0.1° / 1°, user selectable	IPX7	-73° to 537°C	–100° to 999°F	EA	1

Additional Specifications

Certifications – CE, NSF Component, RoHS, WEEE, NIST

Battery Type – (2) AAA
Battery Hatch – Easy twist-open battery hatch
Battery Life – 1800 hours

Dimensions – 6.5" x 1.25" x 2.25" (165mm x 31.8mm x 57.1mm)
Auto Off – Yes, after 10 minutes of non-use or can be disabled
Housing Material – ABS

Shaft Diameter – 0.046" / 1.19mm (at sensor)
LCD – .5" (12.7mm)

Weight – 0.3 lb (136 g) including batteries
Response Time – < 6 sec

Warranty – 5 Year Instrument Warranty

COOPER-ATKINS - THERMOMETERS

Infrared Gun-Style Thermometer with Dual Laser Sighting



CA425-0-8

The large style infrared thermometers include extra features such as a built-in LED flashlight (used in environments with minimal lighting e.g., boiler rooms) and Hi / Lo Alarms for quick indication when temperatures exceed a set range. The magnetic stand allows the instrument to be quickly mounted to metal surfaces making it hands free.

Features

Auto-Off after 60 seconds of non-use
Laser Dual Point Class II Laser (can be disabled)
LCD Backlight
Features Min / Max Difference, Lock, Programmable Hi/Lo alarm
Low battery indicator

CATALOG NO.	TEMP. ACCURACY	AMBIENT TEMP. RANGE	RESOLUTION	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA425-0-8	±2% or ±4F (±2C) whichever is greater	32 to 122 F (0 to 50 C)	0.1°F/0.1°C	-60° to 1000° C	-76° to 1832° F	EA	1

Additional Specifications

Certifications – Certifications CE, RoHs, Weee

Battery Type – (2AAA alkaline batteries - included)
Battery Life – 18hrs typical / 140hrs min continuous use with laser / backlight off

Dimensions – 7 3/4" x 1 7/8" x 8" / 197mm x 48mm x 203mm
Housing Material – ABS plastic

D:S Ratio – 50:1
Emissivity Default – 0.95 adjustable from 0.10 to 1.00

Weight – 1lb / 454g (including stand and batteries)
Response Time – 1 (90%)

Warranty – 1 Year

Infrared with Laser & Thermocouple Jack



CA412-0-8

The 412's innovative design incorporates a Non-contact Infrared Thermometer to measure surface temperature with a Thermocouple Jack to measure internal temperature. The 412 features a Distance to Spot Ratio of 12 to 1. It is loaded with features including single-dot laser sighting, high and low alarms, back-lit LCD for easy viewing, automatic data hold and AVG, MAX, MIN, DIF and Locks Modes. Comes with a soft carrying pouch for storage.

Features

F/C Switchable
Accepts any Type K thermocouple probe
LCD backlight for easy viewing
High and Low Alarms
Automatic Data Hold
Single point laser
12:1 D:S Ratio
Adjustable Emissivity (Range: .01 to 1.0)

RoHS

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA412-0-8	±2°C or 2% of reading, whichever is greater	±4°F or 2% of reading, whichever is greater	-60°C to 500°C ; Probe: -64°C to 1400°C	-76°F to 932°F ; Probe: -83°F to 1999°F	EA	1

Additional Specifications

Certifications – CE, RoHS, WEEE

Battery Type – 2 (AAA) 1.5V Alkaline
Battery Life – 180 hours

Dimensions – 6.75" x 1.5" x 3" / 171mm x 38mm x 76mm
Housing Material – ABS

Weight – 6oz / 170g
Response Time – 1 (90%)

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Temperature / Humidity Thermistor Instrument



CASRH77A-E

The SRH77A features include a backlight display for dark environments, sealed keypad which protects the instrument from spills and dust, and a battery eliminator jack. 3-Zone. Min/Max memory. The auto shut-off begins after 15 minutes of non-use or continuous ON mode. It features temperature differential between zones 1 and 2 , %RH and wet bulb. The Constant Scan feature records the min/max temperature from three probes allowing the technician to monitor critical temperatures remotely while completing other tasks. The SRH77A Includes: Model 1075 General Purpose Puncture Probe, Model 4011 Pipe Strap Probe, and Model 5028 Humidity Probe.

Features

- Backlight display
- Temperature differential between zones 1 & 2
- Auto shut-off after 15 minutes of non-use or continuous ON mode
- Rugged Hard Carrying Case
- 3 Zones
- F/C Switchable
- Min / Max memory
- Factory Calibrated
- % RH and Wet Bulb

RoHS

CATALOG NO.	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	TEMP. RANGE FAHRENHEIT	TEMP. RANGE CELSIUS	UOM	OM
CASRH77A-E	±.03°F ±0.5% Reading, whichever is greater	0.1°C/F, 1% RH	-40°F to 300°F	-40°C to 150°C	EA	1

Additional Specifications

Certifications – CE, RoHS, WEEE

Battery Type – 9V Alkaline

Dimensions – 9.5" x 6.5" x 3 .5" / 241 mm x 165 mm x 89 mm

Weight – 1lb 5oz / 595g

Warranty – Instrument: 5 Years ; Probe: 1 Year

Multi-Temperature Thermistor Instrument



CASH66A-E

The perfect choice for applications when multiple temperature measurements are needed. Features include: LCD backlight for dark environments; sealed keypad which protects the instrument from spills and dust; and a battery eliminator jack. It simultaneously measures suction and liquid line temperatures, temperatures across condensing coils, evaporator coils and ambient temperatures. View temperature differential between zones 1 and 2 and review min/max temperatures from all three zones. The SH66A-E-032 includes the #1075 general purpose probe, #2010 Air Probe and #4011 pipe strap probe. Certificate of Calibration & Report included.

Features

- Backlight display
- 3 Zones
- Min / Max memory
- Rugged Hard Carrying Case

RoHS

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	TEMP. RANGE FAHRENHEIT	TEMP. RANGE CELSIUS	UOM	OM
CASH66A-E	±.02°C ±0.5% Reading, whichever is greater	±.03°F ±0.5% Reading, whichever is greater	0.1°	-40°F to 300°F	-40°C to 150°C	EA	1

Red Case available: CA82-953039-1

Additional Specifications

Certifications – CE, RoHS, WEEE

Battery Life – 90 hours

LCD – 2" x 7/8" / 5.08cm x 2.2cm

Dimensions – 9.5" x 6.5" x 3 .5" / 241 mm x 165 mm x 89 mm

Weight – 1lb 5oz / 595g

Warranty – Instrument: 5 Years ; Probe: 1 Year

COOPER-ATKINS - THERMOMETERS

Digital with Remote Sensor Thermometer



CAT158-0-8

The T158 oval panel thermometer measures two temperatures at once. It is wall or desk mountable. It is F/C selectable and features a 120" cord.

Features

10' / 305cm lead length
Desk or wall mount
Switchable F/C

RoHS

CATALOG NO.	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CAT158-0-8	±2°F	Unit: 0°C to 50°C ; Remote: -50°C to 70°C	Unit: 32°F to 122°F ; Remote: -58°F to 158°F	EA	1

Additional Specifications

Certifications – CE, RoHS

Battery Type – 1.5V AAA

Housing Material – Plastic

Dimensions – 5" x 1 1/2" x 3 1/2" / 127mm x 38mm x 89mm

Warranty – 1 Year

Digital Temperature & Humidity Dual Display Mini Wall Thermometer



CATRH122M-0-8

The TRH122M measures both temperature and %Relative Humidity. It features Min/Max memory and switchable F/C.

Features

Min / Max Memory
Switchable F/C

RoHS

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	LCD	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CATRH122M-0-8	±1°C	±2°F	0.1° , 1.0% RH	Dual .433" / 11mm	-10°C to 50°C	14°F to 122°F	EA	1

Additional Specifications

Certifications – CE, WEEE, RoHS

Battery Type – 1.5V AAA

Housing Material – ABS plastic

Humidity Range – ±5% from 40 to 80%RH, ±7% below 40 and above 80%RH

Weight – 3oz / 85g

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Large Single Station Timer

The FT24 has a volume control dial that can be adjusted up to 90 decibels. This 24-hour timer is great for noisy work environments. A red light flashes as the alarm goes off and it's large LCD allows for easy viewing from across a room. The FT24 has one-touch start/stop button, non-skid rubber feet and is wall mountable.



FT24-0-3

Features

Automatically counts up once timer has elapsed
Volume control dial (90 decibels)
One-touch start / stop button
Wall mountable
Red light flashes with alarm
Non-skid rubber feet
1 station channel

CATALOG NO.	DESCRIPTION	UOM	OM
FT24-0-3	Timer Large Sngl Station 24 Hr	EA	1

Additional Specifications

Battery Type – "C" cell

Dimensions – 7" x 6" x 4" / 17.8cm x 15.2cm x 10.2cm

Weight – 1.15lb / 521g

Response Time – 1 sec

Warranty – 2 Year

Solar Powered Panel Meter

When temperature monitoring is essential and space is limited the SP160 is the ultimate panel thermometer. Not only does the compact size allow the SP160 to fit in most places that other panel thermometers cannot, it does not require any external power sources.



CASP160-01-8

Features

Solar Powered Panel Meter.
4 ft cord.

CATALOG NO.	COLOR	TEMP. ACCURACY FAHRENHEIT	AMBIENT RANGE	DISPLAY	TEMP. RANGE FAHRENHEIT	UOM	OM
CASP120-01-8	White	±1°F from 32° to 122°F ±2°F from -4° to 32°F ±3.6°F/2°C <-4°F and > 122°F	0° to 120° F up to 90% Non-Condensing	Digital	-58° to 158° F	EA	1
CASP160-0-8	Black	±1°F from 32° to 122°F ±2°F from -4° to 32°F ±3.6°F/2°C <-4°F and > 122°F	0° to 120° F up to 90% Non-Condensing	Digital	-58° to 158° F	EA	1

Additional Specifications

Certifications – CE, WEEE, RoHS

Power – Solar with battery backup 1.5v (AAA)

Housing Material – Plastic

Weight – 3 oz (85 g)

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Panel Meter Thermometer/Hygrometer



CAPMRH120-0-8

Cooper-Atkins' panel meters allow you to obtain accurate interior temperature readings remotely from outside the cabinet. They reduce the frequency of opening your cooler / freezer door and keep the cold air in and the hot air out. All are designed for retro-fit applications.

Features

Mini Remote-Reading Thermometer.
For use when mounting space is limited.
Min/Max feature

CATALOG NO.	TEMP. ACCURACY	AMBIENT RANGE	RESOLUTION	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CAPMRH120-0-8	±2°F (±1°C) ±5% RH from 30° to 75%RH/at 32° to 122°F (0° to 50°C)	0° to 120°F up to 90% non-condensing	0.1°/1% RH	-24° to 60°C	-12° to 140°F	EA	1

Additional Specifications

Battery Type – (1) 1.5V AA

Dimensions – 2.75" x 1.5" x 1" (70 mm x 38 mm x 25 mm)
Housing Material – Polycarbonate

Lead Length – 39" (1 m)
LCD – 1.875" x 0.625" (48 mm x 16 mm)

Mounting – Optional Mounting Flange (Model 9302)
Response Time – 5 seconds

Digital Panel Thermometer



CAPM120-0-8

When mounting space is limited, the digital PM120 is ideal.
The rectangular mini remote reading thermometer is F/C switchable.

Features

Mini Remote-Reading Thermometer.
For use when mounting space is limited.
Min/Max feature

CATALOG NO.	TEMP. ACCURACY	AMBIENT RANGE	RESOLUTION	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CAPM120-0-8	±1.8°F (±1°C) from -4° to 122°F (-20° to 50°C), ±3.6°F (±2°C) bellow -4°F (20°C)	0° to 120°F up to 90% non-condensing	0.1°	-40° to 50°C	-40° to 122°F	EA	1

Additional Specifications

Battery Type – (1) 1.5V AA

Dimensions – 2.7" x 1.4" x 1.1" (69 mm x 36 mm x 28 mm)
Housing Material – Polycarbonate

Lead Length – 39" (1 m)
LCD – 1.875" x 0.625" (48 mm x 16 mm)

Mounting – Optional Mounting Flange (Model 9302)
Response Time – 30 second

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Digital Pocket Test with Temperature Alarm



CADFP450W-0-8

Our DFP450W Digital Pocket Test with adjustable Temperature Alarm was specifically designed for the harshest foodservice environments. The Instrument can be programmed to provide a visual alarm (blinking display) once the set temperature is reached. The initial default alarm temperature is 140oF (60oC). Potentially hazardous mercury thermometers are often used to check the extreme water temperature of commercial dish water. Eliminate the risk of a mercury spill; the DFP450W stores the maximum heat registered and is waterproof. Guaranteed Accurate for Life means there is no need of field adjusting of calibration settings and no risk of introducing error into the instrument.

Features

Adjustable temperature alarm
Maximum and minimum temperature memory plus hold mode
F/C switch
accurate for life calibration
Auto-off after 10 minutes of non-use

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	WATERPROOF RATING	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CADFP450W-0-8	±1°C from -18°C to 177°C	±2°F from 0°F to 350°F	0.1°	IPX7	-40°C to 232°C	-40°F to 450°F	EA	1

Additional Specifications

Certifications – NSF, CE, WEEE, RoHS

Battery Type – 1.5V LR44
Battery Life – 500 hours

Dimensions – 1 5/16" x 3/4" x 6 1/4" / 33.3 mm x 19 mm x 158.8 mm (w/sheath)
Shaft Length – 4.75" x .75" / 121mm x 19mm (tip)
Housing Material – Anti-microbial additive

Shaft Diameter – .046" / 1.19mm (at sensor)
LCD – .25" / 6.35mm

Weight – .7oz / 19.8g
Response Time – < 6 Sec

Warranty – Lifetime

Pocket Test Thermometer



CA1246-01-1

The 1246-01 Bi-Metal Pocket Test features a red protective sheath with anti-microbial additive, adjustment tool and pocket clip. NSF listed.

Features

Includes red protective sheath with anti-microbial additive, adjustment tool and pocket clip
Magnifying lens for easy reading

CATALOG NO.	WEIGHT	DIMENSIONS	WARRANTY	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE FAHRENHEIT	UOM	OM
CA1246-01-1	0.5oz / 14g	1.063" x 1.063" x 5.5" / 27mm x 27mm x 140mm	1 Year	±2°F	-40°F to 180°F	EA	1
CA1246-02-1	0.5oz / 14g	1.063" x 1.063" x 5.5" / 27mm x 27mm x 140mm	1 Year	±2°F	0°F to 200°F	EA	1
CA1246-03-1	0.5oz / 14g	1.063" x 1.063" x 5.5" / 27mm x 27mm x 140mm	1 Year	±5°F	50°F to 500°F	EA	1

Additional Specifications

Housing Material – Stainless Steel
Resolution – 2 F° increments
Shaft Length – 5" / 127mm

COOPER-ATKINS - THERMOMETERS

10 ft Thermistor Extension Cable



CA9010

Cooper ATKINS®

Cooper offers extension cable in lengths of 10' which allows an operator to extend certain leads depending on use and location. Can be used with any thermistor units.

Features

Can be used with any thermistor unit

CATALOG NO.	DESCRIPTION	UOM	OM
CA9010	10ft Ext Cable Thermistor	EA	1
CA9015	50ft Ext Cable Thermistor	EA	1

Additional Specifications

Dimensions – 4.5" x 1" x 0.75" / 114mm x 25mm x 19mm (envelope w/cord)

Weight – 1oz / 28g

Pocket Test Thermometer



CACT220-51-6

Cooper ATKINS®

1" dial 5" stem with calibration sheath. 12 units packed in self merchandising display box.

Features

Polycarbonate (magnifying) lens material
Red copper clip with adjusting wrench

CATALOG NO.	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE FAHRENHEIT	UOM	OM
CACT220-51-6	±2°F	0°F to 220°F	EA	1

Additional Specifications

Housing Material – Stainless Steel

Dial Diameter – 1" / 2.54cm

Shaft Diameter – 0.14" / 3.56mm
Shaft Length – 5" / 12.7cm

Pipe Strap Probe Type K Thermocouple



CA54011-K

Cooper ATKINS®

The Thermocouple Pipe Strap Probe is designed to measure large diameter pipe surface temperatures that standard pipe clamp probes may not fit around, it's perfect for tight spaces.

Features

Special strap-hook design allows you to quickly secure the probe to the pipe
The temperature of a pipe can be read immediately when the probe is plugged into any Type K Thermocouple Instrument
Easy to install, fits pipes up to 3.3" (84 mm) in diameter

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA54011-K	1.4 C°	±2.5 F°	-32° to 149°C	-25° to 300°F	EA	1

Additional Specifications

Housing Material – Stainless Steel

Dial Diameter – 1" / 2.54cm

Cable Material – Polyurethane
Cable Length – 10ft (3 m) straight cord length

COOPER-ATKINS - THERMOMETERS

Oven or Cooler / Freezer Air Probe with Clip



CA50306-K

Air probe that is versatile for either oven or freezer monitoring. Probe features a SS shield that protects sensor from touching the inside wall of an oven that could convey a false air temperature. Clip for easy mounting and durable cable that will withstand most door closures. Available in Type K only.

Features

Built with high-temperature, abrasion-resistant cables
Designed and built to the highest standards allowing for probe interchangeability with minimal impact on total system accuracy.

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	RESPONSE TIME	MAX TIP TEMP.	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA50306-K	±1°C from -18°C to 177°C	±2°F from 0°F to 350°F	10 Sec	600°F / 316°C	-73°C to 316°C	-100°F to 600°F	EA	1

Additional Specifications

Dimensions – 3" x 0.875" x 3" / 76mm x 22mm x 76mm (w/cord wrapped)
Shaft Length – 2.125" / 54mm
Cable Material – Stainless steel overbraid

Weight – 1oz / 28g

Warranty – 1-year probe

Bare Tip Air Probe



CA50416-J

Features

Built with high-temperature, abrasion-resistant cables
Designed and built to the highest standards allowing for probe interchangeability with minimal impact on total system accuracy.

CATALOG NO.	MAX TIP TEMP.	TEMP. RANGE CELSIUS	RESPONSE TIME	UOM	OM
CA50416-J	400°F / 205°C	-200°C to 200°C	1 sec. liquid & 7sec. 5 m/sec. air	EA	1

Additional Specifications

Weight – 2oz / 57g

Dimensions – 3.75" x 0.50" x 3.75" / 95mm x 13mm x 95mm (w/cord wrapped)

Cable Materials – FEP outer jacket

Warranty – 1-year (probe)

Screen Print Donut Probe



CA50008-K

Measure Relative Humidity with SRH77A. Features slim 1/4" diameter shaft for easy insertion in ducts

CATALOG NO.	MAX CABLE TEMP.	RESPONSE TIME	MAX TIP TEMP.	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA50008-K	400°F (205°C)	1 Sec	400°F (205°C)	-40°C to 205°C	-40°F to 400°F	EA	1

Additional Specifications

Dimensions – 1.75" x 0.625" x 8.375" / 45mm x 16mm x 213mm (envelope w/cord)

Cable Materials – Silicone outer jacket

Cable Length – 15 ft (4.6 m)

Warranty – 1-year (probe)

COOPER-ATKINS - THERMOMETERS

Bell Surface Probe Type K



CA50012-K

Angled Surface Probe Designed for use on any flat surface. Swiveling bell sensor self-orients to the surface, giving superior contact. Ideal for griddles. Durable Phenolic handle. A dab of oil to aid in heat transfer is recommended when taking measurements. Available in Type J, K, and T.

Features

High Accuracy
Probe bends at a 120-degree angle and has a flat sensor measuring 17mm for surface contact
Polyurethane coiled cable extends to 4' and withstands temperatures
up to 176 degrees F (80 degrees C)

CATALOG NO.	PROBE LENGTH	PROBE TIP DIAMETER	RESPONSE TIME	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA50012-K	5"	2.5"	4 Sec	-40 to +260° C	-40 to +500° F	EA	1

Griddle Surface Probe Type K



CA50014-K

The 50014-K is the Type K thermocouple weighted griddle surface probe from Cooper-Atkins that has a 5" high 2 1/2" diameter tip and a 30" long flexible armored cable.

Features

Flexible armored cable

CATALOG NO.	PROBE LENGTH	PROBE TIP DIAMETER	CABLE LENGTH	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA50014-K	5"	2.5"	30"	–	-40° To 500° F	EA	1

Heavy Duty Needle



CA50143-K

Rugged 3/16" diameter needle reduced to .150" diameter at the tip. Use this heavy duty probe for insertion or immersion applications where enhanced durability and strength are desired. Probe has a Phenolic handle. Available in Type J, K, and T.

Features

Built with high-temperature, abrasion-resistant cables
Designed and built to the highest standards allowing for probe interchangeability
with minimal impact on total system accuracy.

CATALOG NO.	LENGTH	DESCRIPTION	UOM	OM
CA50143-K	4”	Heavy Duty Probe	EA	1

Additional Specifications

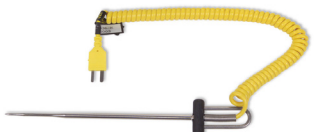
Weight – 5oz / 142g

Dimensions – 2" x 1.125" x 8.25" / 51mm x 29mm x 210mm (w/cord wrapped)

COOPER-ATKINS - THERMOMETERS

DuraNeedle - Coil Cable

One of our most popular general purpose needle probes. Can be used to measure temperatures for food products, liquids, and more. Quick and rugged for dependable performance. Available in J, K, and T.



CA50336-K

Features

Built with high-temperature, abrasion-resistant cables
Designed and built to the highest standards allowing for probe interchangeability with minimal impact on total system accuracy.

CATALOG NO.	LENGTH	DESCRIPTION	UOM	OM
CA50336-K	6"	general purpose needle probe	EA	1
CA50335-K	4.5"	general purpose needle probe	EA	1

Additional Specifications

Dimensions – 1.5" x 0.625" x 8" / 38mm x 16mm x 203mm

Cable Materials – Handle FDA Approved Plastic & Stainless Steel

Response Time – 2 sec

Slim Humidity Probe

Measure Relative Humidity with SRH77A. Features slim 1/4" diameter shaft for easy insertion in ducts



CA5028

CATALOG NO.	RESPONSE TIME	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA5028	30 Sec	-18°C to 66°C	0°F to 500°F	EA	1

Additional Specifications

Dimensions – 1.75" x 0.625" x 8.375" / 45mm x 16mm x 213mm (envelope w/cord)

Housing Materials – Handle - ABS

Shaft Length – 5" / 127mm

Warranty – 1-year (probe)

Fry Vat Probe

Ideal for monitoring fryer or cooking vat temperatures. Features a depth stop for convenient measuring by placing probe through a fryer basket that is not in use above the oil. Available Type J, K or T



CA50208-K

Features

Built with high-temperature, abrasion-resistant cables
Designed and built to the highest standards allowing for probe interchangeability with minimal impact on total system accuracy.

CATALOG NO.	RESPONSE TIME	DESCRIPTION	UOM	OM
CA50208-K	8 Sec	Fry Vat Probe	EA	1

Additional Specifications

Weight – 3oz / 85g

COOPER-ATKINS - THERMOMETERS

Cooler Thermometer with Magnet

CATALOG NO.	DESCRIPTION	UOM	OM
CA535-0-8	Cooler Thermometer w/ Magnet -20/120 deg. F/C	EA	1



CA535-0-8

2" Panel Type Thermometer



CA6812-02-3

Measuring systems help ensure food safety and healthy indoor environments. For Foodservice, HVAC/R, Industrial, Healthcare, Commercial Heating and Refrigeration applications.

Features

Recalibratable
Dual Scale Dial
Nickel/Tin plated bulb and capillary

CATALOG NO.	TEMP. ACCURACY	CONNECT	RESOLUTION	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA6812-02-3	±2°F @ 40°F, ±4°F @ 10°F, ±5°F @ 110°F	Back Flange	0.1°/1% RH	-40° to 50°C	-40° to 120°F	EA	1
CA7112-01-3	±2°F @ 40°F, ±4°F @ 10°F, ±5°F @ 110°F	Back Flange	0.1°/1% RH	-40° to 50°C	-40° to 120°F	EA	1

Additional Specifications

Dial Diameter – 2"

Housing Material – Stainless steel

Weight – 8oz / 227g

Capillary Length – 48" (1.2 m)

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Thermistor Temperature Instrument



CATM99A

For those applications where only one temperature is read at a time, the TM99A is an industry standard. It features Min/Max memory, hold, auto shut-off. LCD backlight for dark environments. The TM99A includes a pouch and 1075 general purpose probe.

Features

Includes a 1075 general purpose puncture probe
Backlight for dark environments

RoHS

CATALOG NO.	TEMP. ACCURACY CELSIUS	TEMP. ACCURACY FAHRENHEIT	RESOLUTION	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CATM99A	±0.2°C or ±0.5% of reading whichever is greater	±0.3°F or ±0.5% of reading whichever is greater	0.1°	-40°C to 150°C	-40°F to 302°F	EA	1

Additional Specifications

Battery Life – 1800 hours

Dimensions – 6.5" x 2.125" x 1.125" / 165mm x 54mm x 29mm
Housing Material – ABS plastic

Weight – 5oz / 142g

Response Time – 1 sec

Warranty – 5 year instrument, 1 year probe

Infared Forehead Thermometer



CA4DET-306

The CA4DET-306 infrared forehead thermometer is specifically designed for use on the forehead. It is a no-contact device capable of measuring people's body temperature by detecting the intensity of infrared light emitted from the forehead. It converts the measured heat into a temperature reading displayed on the LCD.

Features

Fast reading (approx. 1 sec)
No probe covers needed
Beeps when reading is complete
Mercury free
Stores 10 readings
Automatic Shut-off

CATALOG NO.	TEMP. ACCURACY Forehead Mode	TEMP. ACCURACY Object Mode	RESOLUTION	TEMP. RANGE Infrared	TEMP. RANGE Object	UOM	OM
CA4DET-306	±0.4°F (±0.2°C) between 95.9°F to 107.6°F (35.5°C to 42°C) at 59°F to 95°F (15°C to 35°C)	±4% or ±0.4°F (±0.2°C) whichever is greater.	0.1°F/0.1°C	89.6° to 109.4°F (32° to 43°C)	32° to 212°F (0° to 100°C)	EA	1

Additional Specifications

Battery Type – (2) AAA DC3V battery
Battery Life – 6000 readings (approximately 1 year)

Dimensions – 6" x 1.6" x 1.7" (153 mm X 41 mm X 44 mm)

Weight – 3 oz (84 grams)
Response Time – 1 second (approximately)

Warranty – 1 Year

COOPER-ATKINS - THERMOMETERS

Thermocouple Solid Simulator



CA52048-K

The Thermocouple Solid Simulator does not measure the air, it takes on refrigeration temperature as food does and further supports your food safety program. Made of FDA approved material it simulates food product temperature in changing ambient conditions of any refrigerator, freezer, walk-in or delivery truck. The temperature of the Solid Simulator will display immediately when plugged into any Type K Thermocouple Instrument. Walk "..And Plug In!

Features

Can be installed on existing equipment
Simulates true product temperature
FDA approved solid simulator material
Durable casing

CATALOG NO.	MAX TIP TEMP.	TEMP. RANGE CELSIUS	TEMP. RANGE FAHRENHEIT	UOM	OM
CA52048-K	180°F / 82°C	-40°C to 82°C	-40°F to 180°F	EA	1

Additional Specifications

Weight – 2.5oz / 71g

Dimensions – 1.5" x 1.5" dia / 38mm x 38mm dia. Not including wire

Cable Material – FEP outer jacke

12in Reduced Tip - Coil Cable



CA50427-K

Designed for many insertion and immersion high temperature applications where a quick response is needed. Features a 3/16" diameter stem that tapers to a 1/16" tip. Durable Phenolic handle. Not recommended for use in highly acidic or alkaline products. Available in Type J, K, and T.

Features

Built with high-temperature, abrasion-resistant cables
Designed and built to the highest standards allowing for probe interchangeability with minimal impact on total system accuracy.

CATALOG NO.	DESCRIPTION	UOM	OM
CA50427-K	Thermocouple Immersion Probe	EA	1

Additional Specifications

Weight – 5oz / 142g

Dimensions – 1.75" x 1.125" x 16.50" / 44mm x 29mm x 419mm (w/cord)

TOOLS AND TEST EQUIPMENT

Fin Comb

Applications

Cleans and straightens fins

Features

Stainless steel teeth
Cushioned handle
Reversible
Adjustable to 4 sizes per wrench



PFC550

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
PFC550	Fin Comb	EA	1

Sand Screen

Application

Used in preparation for brazing, soldering and epoxy repairs



A52008

CATALOG NO.	ROLL SIZE	UOM	OM
A52005	1-1/2" x 5 Yards	EA	1
A52008	1-1/2" x 2 Yards	EA	1
A52010	1-1/2" x 10 Yards	EA	1
A52025	1-1/2" x 25 Yards	EA	1

Ratchet Wrench

Features

Reversible



PRW516

CATALOG NO.	SQUARE SIZE (IN.)	UOM	OM
PRW516	1/4-3/8-3/16-5/16	EA	1

Contractor Brushes



PBRUSH-CF

CATALOG NO.	DESCRIPTION	QUANTITY	UOM	OM
PBRUSH-CF	Brush Condensor Fin Wisk	(1PK)	PK	1

Hex Bit



PHB316

CATALOG NO.	LENGTH (IN.)	UOM	OM
PHB316	3/16	EA	1

Digital Capacitor Tester

Features

Range 2 MFD to 2000 MFD
Accuracy ±5%
Color coded test leads
Insulated rubber casing
9 Volt battery included
Fuse protected



CT1

CATALOG NO.	DESCRIPTION	UOM	OM
CT1	Digital Capacitor Tester	EA	1

The Old "Switcheroo" HVAC Door Switch Depressor



FF75

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
FF75	The Old "Switcheroo" HVAC Door Switch Depressor	Supco FPRO100	EA	1

Air Switch

Application

This air switch kit is designed for residential furnace as well as light commercial after-market projects. The Series RSS-498 switches are economical and compact, streamlining application.



RSS-498-13

CATALOG NO.	DESCRIPTION	UOM	OM
RSS-498-13	Air Pressure Sensing Switch Kit	EA	1

TOOLS AND TEST EQUIPMENT CONT'D

Pin Extractor Tool



PE44

CATALOG NO.	DESCRIPTION	DIR. REPLACEMENT FOR	UOM	OM
PE44	Pin Extractor Tool	—	EA	1

Rhino Tank Carrier and Compressor Tote



RH-10

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
RH-10	Rhino Tank Carrier and Compressor Tote (6/cs)	—	CS	6

Four Way Key

Application

Fits stopcocks, sillcocks, and valves.



FW1701

CATALOG NO.	DESCRIPTION	SIZES	UOM	OM
FW1701	Precision machine plated steel	1/4" to 9/32" 5/16" to 11/32"	EA	1

Board Pin Removal Tool



BRT10

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
BRT10	Board Pin Removal Tool	—	EA	1

Sight Glass Removal Tool



SGRT

CATALOG NO.	LENGTH (IN.)	UOM	OM
SGRT	Sight glass removal tool	EA	1

Core Gripper Tool



CGR10

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
CGR10	Core Gripper Tool	Supco VCGT3	EA	1

Heat Blocker

Features

Reusable Heat Trap in a Can
Completely Stops Heat Down Ferrous or Non-Ferrous Pipe
Easily Molds to any Shape
Removes Quickly and Cleanly after Each Application
No Drip or Mess



HB34

CATALOG NO.	DESCRIPTION	UOM	OM
HB34	Reusable Heat Blocker, 12 Oz Jar	EA	1

TOOLS AND TEST EQUIPMENT CONT'D

LI'L POPPER Control Circuit Breaker



POP3

LI'L POPPER control circuit breaker saves the technician dozens of blown fuses while diagnosing control circuit failures. Simply plug the leads into the ATC fuse receptacle on the board, and manually reset the Li'L Popper each time for break blows. Has a quick setting thermal cut out. The self-adhesive backing allows the contractor to leave the unit on the job site overnight if they are out of fuses.

Features

3, 5, 10, 15 or 20 Amp Rating
Self-adhesive backing for easy, temporary installation

CATALOG NO.	AMPS	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
POP3	3	125/250 VAC Control Circuit Breaker	Zebra ZK003	EA	1
POP5	5	125/250 VAC Control Circuit Breaker	Zebra ZK005	EA	1
POP10	10	125/250 VAC Control Circuit Breaker	—	EA	1
POP15	15	125/250 VAC Control Circuit Breaker	—	EA	1
POP20	20	125/250 VAC Control Circuit Breaker	—	EA	1

ACCESSORIES

Electric Water Heater Kit

Features

Repairs or renews your electric water heater system
Kit for use with many 2-element water heaters
Kit Includes: (2) 240V, 4500W Copper Elements, (2) Elements Gaskets, (1) Upper Thermostat, (1) Lower Thermostat



HWRK2000

Packard

Upper Thermostat with High Limit

Features

Double throw
120/480 vac
Upper thermostat for dual element tanks



HWHL203

Packard

Single Element Thermostat with High Limit

Features

Single throw
120/480 vac
Lower thermostat for single element tanks



HWST202

Packard

Lower Thermostat

Features

Single throw
120/480 vac
Lower thermostat for duel element tanks



HWLT200

Packard

CATALOG NO.	SWITCH ACTION	TEMP. RANGE (F)	CONTACT RATING RESISTIVE @ 120/240V	CONTACT RATING RESISTIVE @ 277V	CONTACT RATING RESISTIVE @ 480V	PILOT DUTY 120/480V	WATTS @ 120V	WATTS @ 240V	DIRECT REPLACEMENT FOR	UOM	OM
HWRK2000	Kit contains: (2) 240V, 4500W Copper Elements, (2) Elements Gaskets, (1) HWLT203 Upper Thermostat and (1) HWLT200 Lower Thermostat					—	—	—	Most Models	EA	1
HWHL203	Open 1-2 on Rise	90-150 (170 Fixed)	30A	25A	12.5A	125	3000	6000	59T SPDT + 66T	EA	1
HWST202	Open 1-2 on Rise	90-150 (170 Fixed)	30A	25A	12.5A	125	3000	6000	59T SPST + 66T	EA	1
HWLT200	Open on Rise	90-150	30A	25A	12.5A	125	3000	6000	59T	EA	1

ACCESSORIES CONT'D

Outdoor Extension Cord

Heavy duty, round, vinyl extension cord designed for industrial use. Orange vinyl jacket protects against oil, grease, ozone, and gives added flexibility at below freezing temperatures. Vinyl plugs and connectors are molded on and won't break or pull off cord.



7-ECC16100

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
7-ECC1225	25' Extension Cord, 12/3 SJTW-A, 15 AMP	EA	10
7-ECC16100	100' 13 Amp Extension Cord SJTW-A 16/3	EA	6
7-ECC1625	25' 15 Amp Extension Cord SJTW-A 16/3	EA	24
7-ECC1650	50' 15 Amp Extension Cord SJTW-A 16/3	EA	12
7-ECC50725	25' 15 AMP Extension Cord SJTW-A 14/3	EA	14
7-ECC50735	100' 13 AMP Extension Cord SJTW-A 14/3	EA	5

Type: SJTW-A U.L. Listed, meets OSHA Requirements.

Metal Guard Trouble Lights

Designed for rugged use by contractors and industrial. Tough plastic handles are heat and shock resistant, with switch and 15A, 125V grounding side outlet.



7-TLC10630

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
7-TLC10630	50′ Metal Guard Trouble Light	EA	1

AWG: 16/3 TYPE: SJTW-A U.L. Listed, meets OSHA Requirements.

Power Blocks

Professional design gives contractors and industrial personnel maximum flexibility in arranging portable power needs at the job site. Vinyl connectors are solid molded for high resistance to breakage and abuse.



7-AD010000

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
7-AD010000	Triple tap power block adapter converts single 15 AMP 125V U-ground outlet to 3 15A, 125V U-ground outlets	EA	10

Electrical Outlet Boxes, Extensions and Covers

We have 4in. steel square boxes, extensions and covers available. Conforms to Article 370 of NEC. U.L. Listed.

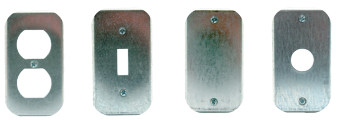


620-406 620-411 620-403 620-404

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
620-401	2-1/8" Deep, 1/2" and 3/4" K.O.s	EA	25
620-403	1-1/2" Deep, 1/2" K.O.s	EA	50
620-404	1-1/2" Deep, 1/2" and 3/4" K.O.s Extension	EA	50
620-406	Flat Blank Cover	EA	50
620-409	Flat, One Duplex Receptacle Cover	EA	50
620-411	One Switch and One Duplex Receptacle Cover	EA	50

Electrical Outlet Boxes and Covers

Standard steel utility (Handy) boxes and covers.



620-252 620-253 620-254 620-255

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
620-200	1-1/2" Deep, 1/2" K.O.s	EA	10
620-201	1-7/8" Deep, 1/2" K.O.s	EA	10
620-202	2-1/8" Deep, 1/2" K.O.s	EA	10
620-252	Flat, Two Duplex Receptacle Cover	EA	10
620-253	Flat, Toggle Switch Cover	EA	10
620-254	Flat Cover, 1/2" K.O.	EA	10

U.L. Listed. C.S.A. Certified. Verified to Federal Spec. WS896E.

Switch Covers

Our switch covers come with gas, oil, or emergency already printed on them.



625-S16

CATALOG NO.	DESCRIPTION	SIZE	TYPE	UOM	ORDER MULTIPLE
625-S17	4" Square Box	4" x 4"	Gas	EA	10
625-S16	Utility/Handy Box	4-1/4" x 2-3/4"	Gas	EA	1
625-S15	Flush Mount	4-1/2" x 2-1/2"	Gas	EA	25
625-S14	4" Square Box	4" x 4"	Oil	EA	1
625-S13	Utility/Handy Box	4-1/4" x 2-3/4"	Oil	EA	1
625-S19	Flush Mount	4-1/2" x 2-1/2"	Oil	EA	1
625-S20	Switch Plate	4-3/4" x 2-1/2"	Emergency	EA	1
625-S18	Switch Guard (Wall plate/switch not included)	3/4"	—	EA	1

ACCESSORIES CONT'D

Eaton Circuit Breakers - Type BR

Type BR Circuit Breakers are 1-inch per pole plug-on circuit breakers designed for Eaton's Type BR Loadcenters. They are 10 kAIC arc fault circuit interrupters rated for 120VAC or 240VAC applications.



BR120

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
BR115	Single pole, 15A	EA	10
BR120	Single pole, 20A	EA	10
BR130	Single pole, 30A	EA	10
BR215	Two pole, 15A	EA	5
BR220	Two pole, 20A	EA	5
BR225	Two pole, 25A	EA	5
BR230	Two pole, 30A	EA	5
BR235	Two pole, 35A	EA	5
BR240	Two pole, 40A	EA	5
BR250	Two pole, 50A	EA	5
BR260	Two pole, 60A	EA	5
BR2100	Two pole, 100A	EA	5

Eaton Circuit Breakers - Type CH

Type CH Circuit Breakers are 3/4-inch per pole plug-on circuit breakers designed for Eaton's Type CH Loadcenters. They are 10 kAIC arc fault circuit interrupters rated for 120VAC or 240VAC applications.



CH220

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
CH220	Two Pole, 20A	EA	5

Eaton Circuit Breakers - Type CHF

The Eaton CHF250 Type CH, Two Pole, 50 Amps Circuit Breakers are 3/4 in. per pole plug-on circuit breakers designed for Eaton's Type CH Load centers. They are 10 kAIC arc fault circuit interrupters rated for 120VAC or 240VAC applications and include a mechanical trip flag.



CHF250

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
CHF115	Single Pole, 15A	EA	5
CHF215	Two Pole, 15A	EA	5
CHF220	Two Pole, 20A	EA	5
CHF230	Two Pole, 30A	EA	5
CHF240	Two Pole, 40A	EA	5
CHF250	Two Pole, 50A	EA	5

UL Certified Universal Circuit Breakers

These Type CL replacement circuit breakers are classified as direct replacements of brand specified circuit breakers by Underwriters Laboratories. These breakers are tested extensively in numerous Square D® HOMELINE®, General Electric®, Crouse-Hinds®, Thomas & Betts®, Murray® and ITE®/Siemens® Loadcenters.



625-CL240

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
625-CL115	UL Circuit Breaker 1-pole, 15A, 0.5"	EA	10
625-CL120	UL Circuit Breaker 1-pole, 20A, 0.5"	EA	10
625-CL220	UL Circuit Breaker 2-pole, 20A, 1.0"	EA	5
625-CL230	UL Circuit Breaker 2-pole, 30A, 1.0"	EA	5
625-CL240	UL Circuit Breaker 2-pole 40A, 1.0"	EA	5
625-CL250	UL Circuit Breaker 2-pole, 50A, 1.0"	EA	5

ACCESSORIES CONT'D

Plastic Wall Plates

Nonflammable thermoplastic, phenolic or urea material. Color matched 1/2in. long steel mounting screws furnished. Smooth surface – no recessed areas to collect dirt, discolor. Easy to clean. Full weight and thickness provide high dielectric strength, minimum moisture absorption, impact resistance. Warp resistant, fit flush to wall.
U.L. Listed. C.S.A. Approved.



625-2132V

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
625-2132B	Duplex Receptacle Cover – Brown	EA	25
625-2132V	Duplex Receptacle Cover – Ivory	EA	25
625-2132W	Duplex Receptacle Cover – White	EA	10
625-2134V	Single Toggle Cover – Ivory	EA	25
625-2134W	Single Toggle Cover – White	EA	25

Plastic Thermostat Guards

Use to prevent tampering with thermostats. The covers are clear, allowing complete viewing of the thermostat and current settings. Furnished complete with ring and/or solid base. Includes vent holes for easy airflow across the thermostat. Lockable with universal key. Internal dimensional clearance/sizing for thermostats as noted.



585-TG1

CATALOG NO.	DESCRIPTION	T-STAT CLEARANCE	UOM	ORDER MULTIPLE
585-TG	Clear Plastic w/ Two Bases	8-1/4" x 4-1/2" x 3-1/4"	EA	1
585-TG1	Clear Plastic w/ Two Bases	5-3/4" x 3-1/2" x 2-3/4"	EA	1
585-TG2	Clear Plastic w/ Two Bases	4-3/4" x 4-1/4" x 2-3/4"	EA	1
585-TG5	Clear Plastic w/ Solid Base	3-1/2" x 3-1/4" x 2-1/4"	EA	1
585-TG6	Clear Plastic w/ Two Bases	6-1/4" x 3-3/4" x 1-3/4"	EA	1
585-F336	Key for Thermostat Guard		EA	1

Cross Reference

DIVERSITECH PART NO.	BEKO PART NO.	BRAMEC PART NO.	MARS PART NO.
585-TG	BTG-UK2	13012	70220
585-TG1	BTG-RK	13016	70210
585-TG2	BTG-K	13008	70205
585-TG5	BTG-EK	13004	70201
585-TG6	BTG-DK	13018	70217
585-TG8	BTG-54VLW	13001	70216

Switch/Plug Combo

Use with air handlers and condensate pumps. Touch-A-Matic design, with exclusive spring loaded steel ball mechanism for smooth, positive contact movement. Small neon pilot light ON when switch is ON, is built-in to the switch on switch/receptacle.



620-274W

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
620-274W	White 2P 3W Grounding—15A 120V	EA	10

U.L. Listed. C.S.A. Approved.

Steel Thermostat Guards

Steel thermostat guards are used to prevent tampering with thermostats. The covers are steel, giving complete tamper protection of the thermostat, and physical impact protection. Great for warehouse and industrial locations. Furnished complete with ring and/or solid base as noted. Includes vent holes for easy airflow across the thermostat. Lockable with universal key. Internal dimensional clearance/sizing for thermostats as noted.



585-TG4

CATALOG NO.	DESCRIPTION	T-STAT CLEARANCE	UOM	ORDER MULTIPLE
585-TG3	Beige Steel w/ Solid Base	6" x 4" x 3"	EA	1
585-TG4	Beige Steel w/ Ring Base	6" x 4" x 3"	EA	1
585-TG7	Beige Steel w/ Solid Base	5-1/2" x 3-1/2" x 2-3/4"	EA	1
585-TG8	Beige Steel w/ Ring Base	5" x 3" x 2-3/4"	EA	1
585-TG9	Beige Steel w/ Two Bases	6" x 4" x 3"	EA	1

ACCESSORIES CONT'D

Toggle Switches

These switches are available in single pole or double pole. They are UL listed and furnished with screw terminals. The ratings are A:20A 125VAC, 20 250 VAC, 1 HP at 120 240 V and B 15A 125/250 VAC, ¾ HP at 240 V.



TS-1

CATALOG NO.	DESCRIPTION	RATING	UOM	ORDER MULTIPLE
TS-1	Toggle Switch – SP-ST – ON/OFF	A	EA	1
TS-3	Toggle Switch – SP-DT-CO – ON/OFF/ON	B	EA	1
TS-4	Toggle Switch – DP-ST – ON/OFF A	A	EA	1

Toggle Switch Cover

Weatherproof body for toggle switches up to 15/16" long.



625-B1

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
625-B1	Toggle Switch Cover	EA	5

Replacement Power Supply Cord

Extends power cords for refrigerators, microwaves, air conditioners and other appliances
Stripped at one end and angled male plug at other end
3-Prong flat cord
125VAC



89223

CATALOG NO.	WIRE GAUGE/ CONDUCTORS	AMPS	LENGTH	UOM	ORDER MULTIPLE
89223	14/3	15	6'	EA	50
89224	14/3	15	6'	EA	50

Dryer Cords

Thick vinyl insulation with right angle male plug
4 Wire - 10/4 Round SRDT Wire
NEMA 14-30
30 Amp @ 125V/250V



89231

CATALOG NO.	WIRE GAUGE/CONDUCTORS	LENGTH	UOM	ORDER MULTIPLE
89231	10/4	4'	EA	12
89233	10/4	6'	EA	12

Power Supply Cord (Pigtails)

Stranded bare copper conductors
Grounding conductors
PVC jacket
Right and straight angle male plug
110 Volt. 16 AWG x 6' long
SPT 2



625-16-6

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
625-16-6	Power Supply Cord – Straight Plug	EA	50
625-16-690	Power Supply Cord – 90 Degree Plug	EA	50

Right Angle Tri-Tap Portable GFCI

For indoor or temporary outdoor use
Provides portable protection on tools, appliances, outdoor equipment, etc.
Great for jobsites, workshops or marinas
3 outlet power cord GFCI protection against hazardous shock
15 Amp 120 Volt
Automatic Reset
Class A GFCI 4-6mA Trip
1875 Watt
Grounded & Open Neutral Protection
Insulation Volts: 1500 V RMS
NEMA 5-15P & (3) 5-15R
2' 12/3 AWG SSJTW Cord
Rainproof
Complies with NEC 305-6
Operating Temperature: -31°F to 151°F (-35°C to 66°C)



89000

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
89000	Right Angle Tri-Tap Portable GFCI	EA	24

Generator Power Cord Sets

20 Amp & 30 Amp Cord Sets are designed for use with manual transfer switches, transfer panels and power inlet boxes
One Piece molded Cord Plugs
L14 Twist Lock Male/Female Receptacles
300 Volt SJTOW Rubber Cord
-30°F (-34°C) Outdoor Use & Oil Resistant
L14-20P
L14-20R
L14-30P
L14-30R



89350

CATALOG NO.	AMPS	SIZE	LENGTH	NEMA#	MAX GEN INPUT	UOM	ORDER MULTIPLE
89350	30	10/4	20'	L14-30	7.5 KW	EA	6

ACCESSORIES CONT'D

Range Cords



89236

Thick vinyl insulation with right angle male plug
4 Wire - 6/2 & 8/2 round SRDT Wire
NEMA 14-60
50A @ 125V/250V

CATALOG NO.	WIRE GAUGE/CONDUCTORS	LENGTH	UOM	ORDER MULTIPLE
89236	6/2+8/2	4'	EA	12
89238	6/2+8/2	6'	EA	12

Heavy Duty Tri-Tap Extension Cord - 3 Outlets



89312

Heavy Duty 2 Foot Extension Cord with Prong Plug & Lighted Block Style Receptacles
15A 125V 12/3 STW Cord with Molded Plug Receptacle
Lighted Female End to detect power
Approved under OSHA Standards for Outdoor and Indoor Use

CATALOG NO.	LENGTH	UOM	ORDER MULTIPLE
89312	2'	EA	20

In-Line Tri-Tap Portable GFCI



89006

For indoor or temporary outdoor use
Provides portable protection on tools, appliances, outdoor equipment, etc.
Great for jobsites, workshops or marinas
3 outlet power cord GFCI protection against hazardous shock
15 Amp 120 Volt
Automatic Reset
Class A GFCI 4-6mA Trip
1875 Watt
Grounded & Open Neutral Protection
Insulation Volts: 1500 V RMS
NEMA 5-15P & (3) 5-15R
2' 12/3 AWG SSJTW Cord
Rainproof
Complies with NEC 305-6
Operating Temperature:
-31°F to 151°F (-35°C to 66°C)

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
89006	In-Line Tri-Tap Portable GFCI	EA	24

Single Portable GFCI Adapter



89002

GFCI Protected Plug Only
Fits any standard 3 wire outlet
Provides instant GFCI protection
Immediately detects ground fault from damaged cords or exposure to water and shuts off power to avoid electrocution
15 Amp 120 Volt
Automatic Reset
Class A GFCI 4-6mA Trip
1875 Watt
Grounded & Open Neutral Protection
Insulation Volts: 1500 V RMS
NEMA 5-15P & 5-15R
2' 12/3 AWG SSJTW Cord
Rainproof
Complies with NEC 305-6
Operating Temperature:
-31°F to 151°F (-35°C to 66°C)

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
89002	Single Portable GFCI Adapter	EA	24

4-Outlet GFCI Power Pack



89008

Automatic Reset
Right Angle GFCI Plug with power 'ON' LED indicator
(4) NEMA 5-15R Outlets with separate covers for each outlet
(1) NEMA 5-15P Plug
15 Amp 120 Volt
6' 12/3 SJTW Cord
15A Circuit Breaker
Automatic Reset
Class A GFCI 4-6mA Trip
1875 Watt
Grounded & Open Neutral Protection
Insulation Volts: 1500 V RMS
Complies with NEC 305-6
Operating Temperature: -31°F to 151°F (-35°C to 66°C)

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
89008	4-Outlet GFCI Power Pack	EA	24

Right Angle GFCI Plug - Field Wired



89003

User Attachable
Compatible with 15 Amp U-ground outlets and plugs
Trip Level 4-6 mA
Automatic Reset
Rated for indoor and outdoor use
Class "A" people protection and GFCI
15 Amp 120 Volt
1875 Watts, 60 Hz
LED Power 'ON' Indicator
Open Neutral and Ground Neutral protection
Operating Temperature:
-31°F to 151°F (-35°C to 66°C)
Impact resistant case

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
89003	Right Angle GFCI Plug - Field Wired	EA	63

ACCESSORIES CONT'D

5-Outlet GFCI Shock Buster

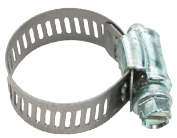


89009

GFCI Protected
Plug into any 3-prong dual outlet
Converts electrical outlet into a safety outlet
Ideal for family TV rooms, dens, dormitory rooms, garage workshops and rec-rooms
Protects from damaged electrical cords and hazardous electrical leakage levels
Quick power shut off to avoid electrocution
Built-in sensing device to detect leakage currents as low as 4mA
15 Amp 120 Volt

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
89009	5-Outlet GFCI Shock Buster	EA	60

Hose Clamps



B-4H

Partial stainless, worm drive, adjustable. 300 series stainless steel 1/2" band with plated 5/16" slotted hex head screw and housing, except the B-4H which has a 5/16" band and 1/4" nut. Recommended for most applications. 100% interlock construction features one-piece housing which directly locks into band. Spot weld free design.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
B-4H	No. 4, 7/32" – 5/8" dia., 3/16" – 5/16" hose I.D.	EA	10
B-6H	No. 6, 7/16" – 25/32" dia., 1/4" – 3/8" hose I.D.	EA	10
B-8H	No. 8, 1/2" – 29/32" dia., 5/16" – 1/2" hose I.D.	EA	10
B-10H	No. 10, 9/16" – 1-1/16" dia., 3/8" – 5/8" hose I.D.	EA	10
B-12H	No. 12, 11/16" – 1-1/4" dia., 5/8" – 3/4" hose I.D.	EA	10
B-16H	No. 16, 13/16" – 1-1/2" dia., 3/4" – 1" hose I.D.	EA	10
B-20H	No. 20, 13/16" – 1-3/4" dia., 1" – 1-1/4" hose I.D.	EA	10
B-24H	No. 24, 1-1/16" – 2" dia., 1-1/4" – 1-1/2" hose I.D.	EA	10
B-28H	No. 28, 1-5/16" – 2-1/4" dia., 1-1/4" – 1-3/4" hose I.D.	EA	10
B-32H	No. 32, 1-9/16" – 2-1/2" dia., 1-1/2" – 2" hose I.D.	EA	10
B-36H	No. 36, 1-13/16" – 2-3/4" dia., 1-3/4" – 2-1/4" hose I.D.	EA	10
B-48H	No. 48, 2-9/16" – 3-1/2" dia., 1-3/4" – 2-1/4" hose I.D.	EA	10
B-72H	No. 72, 1-7/8" – 5" dia., 1-3/4" – 2-1/4" hose I.D.	EA	10

Electrical Toggle Switches



620-601

Side wire design with automatic grounding and large binding head terminal screws for fast wiring. Lubricated cam provides smooth lever action. U.L. Listed. C.S.A. Certified. Verified to Federal Spec. WS896E

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
620-600	20A-1 HP 120V, Single Pole, Brown	EA	10
620-601	20A-1 HP 120V, Single Pole, Ivory	EA	10
625-CS120W	20A-1HP 120V Single Pole, White	EA	10
625-1301W	15A-1/2HP 120V Single Pole, White	EA	10
620-604	15A-1/2 HP 120V, Single Pole, Brown	EA	10
620-605	15A-1/2 HP 120V, Single Pole, Ivory	EA	10

U.L. Listed. C.S.A. Certified. Verified to Federal Spec. WS896E.

Electrical Duplex Receptacles

Automatic grounding for fast installation. Heavy duty mounting strap for additional assembly strength. Copper alloy power/ground contacts for optimum continuity. Side wire design with large binding head terminal screws for fast wiring. U.L. Listed. C.S.A. Certified (NEMA 5 15 Type).



620-701 620-700 625-CR15W 620-704

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
620-700	15A, 125V, Brown	EA	10
620-701	15A, 125V, Ivory	EA	10
625-CR15W	15A 125V, White	EA	10
620-702	20A, 125V, Brown	EA	10
620-703	20A, 125V, Ivory	EA	10
625-CR20W	20A 125V, White	EA	10
620-704	15A, 125V, Brown – Residential	EA	10
620-705	15A, 125V, Ivory – Residential	EA	10
625-270W	15A 125V, White – Residential	EA	10

U.L. Listed. C.S.A. Certified (NEMA 5-15 Type).

ACCESSORIES CONT'D

General Purpose 1-part Industrial/ Construction Grade Silicone Sealant



RTV45A

SILCO INCORPORATED

Gen-Sil (RTV 45) is a premium general purpose, one component room temperature vulcanizing RTV acetoxy cure silicone sealant and adhesive. When fully cured, this unique VOC compliant formula offers UV stability to form waterproof and airtight bonds to metal, steel, tile, fiberglass, ceramic, glass, aluminum, painted surfaces, plywood, marble, plus many other common substrates. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards.

Features

Mildew Resistant
VOC Compliant
Weather Resistant
Easy Application
Permanent Flexibility
Waterproof

CATALOG NO.	COLOR	DISCONTINUED PACKARD CATALOG NO.	UOM	OM
RTV45A	Aluminum	PS9980	EA	12
RTV45W	White	PS9981	EA	12
RTV45C	Clear	PS9982	EA	12

Speed Controls



1234A

Century®

Features

Solid State. Infinitely variable adjustment for single speed fan and blowers, kitchen appliances, etc.
Use only with shaded pole and PSC motors
UL Listed

CATALOG NO.	MAX AMPS	VOLTS	MOUNTING	SIZE (IN.)	UOM	OM
1234A	4	120	Panel	—	EA	1

Steel Shaft Adapter Bushing



1304A

Century®

Features

5 per package

CATALOG NO.	INTERIOR DIAM. (IN.)	OUTSIDE DIAM. (IN.)	LENGTH (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
1304A	5/16	1/2	1-1/16	—	EA	1

*Items in this section are Underwriter's Laboratories listed or recognized under the prime manufacturer's name.

ACCESSORIES CONT'D

Shaft Adapters

Features

5 per package



A80082K

Packard

CATALOG NO.	DIMENSIONS (IN.) I.D.	O.D.	LENGTH	UOM	OM
A80427K	1/4	5/16	1.00	EA	1
A80513K	5/16	3/8	1.00	EA	1
A80082K	3/8	1/2	1.00	EA	1
A60097K *	1/2	5/8	1.50	EA	1

Rubber Mounting Brackets

Features

Henrite are rubber mounting rings with steel band, used with cradle bases and knife edge motor supports

Packaged (2) per kit



KIT180



KIT184



KIT187

FASCO

CATALOG NO.	HUB RING OD (IN)	HUB RING ROUND ID (IN)	INNER RING	UOM	OM
KIT180	1.8	1.277	Round	EA	1
KIT184	2.5	1.87	Hex	EA	1
KIT187	1.87	1.25	Round	EA	1

Special Mounting Kit For 3.3″ Diam. to Replace Motor in Nutone Units

Features

Aluminum stand-off bracket for motor blower mounting

Match 3.3 inch mounting pattern



KITH33

FASCO

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
KITH33	Hex Hub Kit	EA	1

Mounting Kit

Features

Provides means to base mount FASCO 4.4" or 5.6" diameter motors

One kit will adapt both ends of motor for base mounting

Includes: qty 2 adapter plates, qty 4 adapter rings, qty 2 resilient rings, qty 16 nuts 8-32

Standard pack (kit assembly): qty 1



KIT200

FASCO

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	ORDER MULTIPLE
KIT200	Length Adapter Kit	08095	EA	1

Staked Tie Rods

Features

Per rod, includes one staked nut and one regular nut

Standard pack includes 4



KIT220

FASCO

CATALOG NO.	THREAD	ROD LENGTH (IN.)	UOM	OM
KIT220	8-32	8	EA	1
KIT221	10-32	8	EA	1

ACCESSORIES CONT'D

Nuts and Washers



1619A

Features

Henrite are rubber mounting rings with steel band, used with cradle bases and knife edge motor supports

Packaged (2) per kit

CATALOG NO.	THREAD	SIZE (IN.)	UOM	OM
1619A	10-32	3/8	PK	16

Case Studs Kit



1639A

Features

Per stud, includes two nuts and two washers

Standard pack includes 4

CATALOG NO.	THREAD	LENGTH (IN.)	UOM	OM
1639A	8-32	7	PK	4
1640A	10-32	7	PK	4

End Frame Length Adapter Kit



615059-001

Features

Use on 5" & 5-1/2" Century-extended through bolt motors to gain additional length to fit in old base

Fits 5" motors with a 90 degree bolt pattern and 5-1/2" motors with 60-120 degree and 90 degree bolt patterns

Includes: qty 1 adapter plate with mounting ring, qty 4 split rings, qty 8 nuts, qty 4 lock washers

Standard pack (kit assembly): qty 1

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
615059-001	Resilient Ring Kit	EA	1

Resilient Mounting Rings



1182A

Application

For mounting 48 Frame motors in Rheem condensing units

Features

Rubber mounting rings for cradle mounts

2 per package

CATALOG NO.	HUB RING DIAMETER (IN.)	HUB RING LOCKING HEX ID (INCL.)	UOM	OM
1182A	2-1/2	2.55	EA	1

Anti-Wind Brakes



A60058

Features

Used to stop wind milling of rooftop motors

CATALOG NO.	DIAM. (IN.)	UOM	OM
A60012	1/2	EA	1
A60058	5/8	EA	1

ACCESSORIES CONT'D

Motor Mount – Flex Bracket



DMB-3

Application

Torsion Flex Bracket holds motor securely. Fits 5-1/2" motors. Typically used for Goodman equipment.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
DMB-3	5-1/2" Motor Mount Torsion Flex Bracket	EA	1

DiversiTech® Motors Bracket



DMB-1

Application

These brackets help hold the motor securely.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
DMB-1	Fixed Lug Assembly for 5-1/2" diameter motors	EA	1

Mounting Brackets



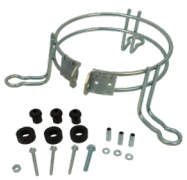
A80293

FASCO

CATALOG NO.	DIAM. (IN.)	BOLT CIRCLE (IN.)	BRAND	UOM	OM
A80293	5.5	6-7/8 to 8-1/8	Packard	EA	1
A80295*	5.5	8-1/8 to 12-1/8	Packard	EA	1

Notes: *Has extended lugs

Mounting Brackets



A60048

Packard

Application

Used to mount motor to blower housing

Features

Kit includes: steel bracket with 3 welded legs, 3 steel sleeves, & 3 sets of rubber grommets

CATALOG NO.	DIAM. (IN.)	FRAME	UOM	ORDER MULTIPLE
A60042	5	42	EA	1
A60048	5-5/8	48	EA	1

Flex Mount Bracket Adjustable Diameter



TFM556

Packard

Application

For use with 5" or 5-5/8" diameter motors

Features

Plastic insert allows you to adjust for 5" or 5-5/8" diameter

3-Leg Torsion-Flex Brackets

Designed to effectively isolate and prevent torsional vibrations from reaching blower housing and housing and causing noise

No preassembly; bracket clamps to motor shell. Plastic inserts supplied for adapting bracket to NEMA 42 frame.

CATALOG NO.	DIAM. (IN.)	UOM	OM
TFM556	5 or 5-5/8	EA	1

Universal Lug Mounting Bracket



1410A

Century®

Application

For use with 5-5/8" diameter motors

Features

Two mounting options. Small slots accepts 1/4" bolt. Large hole accepts 3/4" Rubber Grommet Kit (A60049K).

CATALOG NO.	DIAM. (IN.)	BOLT CIRCLE (IN.)	UOM	OM
1410A	5-5/8	6-3/8 to 7-5/8	EA	1

ACCESSORIES CONT'D

Unit Bearing Mounting Bracket



A11602

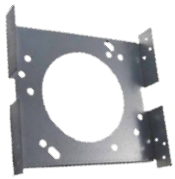
morrillmotors

CATALOG NO.	SHAFT HEIGHT (IN.)	BRACKET HEIGHT (IN.)	UOM	OM
A11601	4-1/8	2-7/32	EA	1
A11602	4-9/16	2-41/64	EA	1
A11603	5-3/8	3-29/64	EA	1
A11605	6-1/4	4-5/16	EA	1

Motor Mounting Bracket for Rheem

Features

Rear-Mount Bracket
Galvanized stamped-steel bracket mounts 5-5/8" diameter motors in Rheem-Ruud condensing units
For NEMA 48 Frame motors



A60306K

Packard

CATALOG NO.	BRAND	DIRECT REPLACEMENT FOR	UOM	OM
A60306K	Packard	Rheem AS-55306-02	EA	1

Three Leg Torsion Flex Mount Brackets

Features

3-Leg Torsion-Flex Brackets
Designed to effectively isolate and prevent torsional vibrations from reaching blower housing and causing noise
No preassembly; bracket clamps to motor shell.
Includes: 3 grommets, 1 bolt, 1 nut, 3 steel washers



TFM55

Packard

CATALOG NO.	DIAM. (IN.)	UOM	OM
TFM50	5	EA	1
TFM55	5-5/8	EA	1

Four Leg Torsion Flex Mount Bracket

Application

For use with 5-5/8" diameter motors

Features

Helps isolate and prevent torsional vibrations from reaching blower housing and causing noise



TFM554

Packard

CATALOG NO.	DIAM. (IN.)	UOM	OM
TFM554	5-5/8	EA	1

ACCESSORIES CONT'D

Fasco Bases

NOTE: The base numbering system uses the first two numbers to indicate shaft height (30 is 3.0" and 35 is 3.5") and the last three numbers represent distance between cradle arms (386 is 3.86")

Example: B35417 has a 3.5" shaft height and 4.17" cradle base



B30408

CATALOG NO.	SHAFT HEIGHT (IN.)	CRADLE BASE "B" DIM.	UOM	OM
B30408	3	4.08	EA	1
B35435	3	4.35	EA	1
B30479	3	4.79	EA	1
B30492	3	4.92	EA	1
B30595	3	5.95	EA	1
B30705	3	7.05	EA	1
B35354	3.5	3.54	EA	1
B35386	3.5	3.86	EA	1
B35408	3.5	4.08	EA	1
B35417	3.5	4.17	EA	1
B35461	3.5	4.61	EA	1
B35479	3.5	4.79	EA	1
B35492	3.5	4.92	EA	1
B35558	3.5	5.58	EA	1
B35595	3.5	5.95	EA	1

To achieve the shaft height listed, the 2 1/2" diameter rings must be used.
B dimension is the mounting dimension between mounting rings, center to center.

Motor Bracket

Features

Bracket for 48 Frame motor in York Units
5.5 mounting bracket
11 bolt circle diameter
Kit includes: bracket with 3 welded legs, rubber grommets and mounting hardware



A60459

CATALOG NO.	BRAND	DIRECT REPLACEMENT FOR	UOM	OM
A60459	Packard	York 326-31459-000 York 02626372000, York 37308073700, York 3730807300	EA	1

Direct Drive Blower Mounting Kit

Features

Used on 5-5/8" diameter motors
Includes 3 each: grommets, sleeves and sheet metal screws



KIT317

CATALOG NO.	DIMENSIONS (IN.)	BOLT CIRCLE (IN.)	UOM	OM
KIT315	5	9.8	EA	1
KIT317	5.6	9.8	EA	1

Evergreen Belly Band Mounting Kit

Features

Two Motors cover most applications
Multi-volt 115/230VAC, 50/60 Hertz
Integrated with HVAC system controls/operation
Four speed selections for heating and cooling
Optimized constant fan speed
1/2" diameter flat shaft
Automatic overload protection
5.5" diameter
Ball bearing
Continuous duty



5K003

CATALOG NO.	BOLT CIRCLE (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
5K003	10	08025	EA	1
5K004	11	08026	EA	1
5K005	13	08027	EA	1

ACCESSORIES CONT'D

Condenser Fan Rainshield

Features

Fits NEMA 42, 48 or 56 frame motors
Disc Type



A61000

Packard

CATALOG NO.	DIMENSIONS (IN.) BORE DIA.	O.D.	UOM	OM
A61000	1/2	6.88	EA	1
A61056	5/8	6.88	EA	1

Condenser Fan Rainshield Deep Dish Style

Features

Made of phenolic with internal cooling fins for increased motor efficiency



A80105

Packard

CATALOG NO.	DIMENSIONS (IN.) BORE DIA.	O.D.	UOM	OM
A80105	1/2	7	EA	1

Rubber Grommet Kit

Features

Used for 1/2 inch slots. 6 per package.



A60047K

Packard

CATALOG NO.	DESCRIPTION	UOM	OM
A60047K	Small Rubber Grommet Kit	EA	1

Rubber Grommet Kit

Features

Used for 3/4 inch slots. Sheet metal screws and sleeves included. 3 per package.



A60049K

Packard

CATALOG NO.	DESCRIPTION	UOM	OM
A60049K	Large Rubber Grommet Kit	EA	1

ACCESSORIES CONT'D

Rubber Vibration Insulators for Coleman Motors



KIT208

FASCO

Features

Used on Coleman motors
Bushing: 1/2" x 1/2"
Quantity 4

CATALOG NO.	STUD DIMENSION (IN.)	THREAD	DIRECT REPLACEMENT FOR	UOM	OM
KIT208	1/2 x 1/2	8-32	FASCO 8768-6000	EA	1

Rubber Vibration Insulators for Coleman Motors



MNT1518

FASCO

Features

Used on Coleman motors
Bushing: 1/2" x 1/2"
Quantity 1

CATALOG NO.	STUD DIMENSION (IN.)	THREAD	DIRECT REPLACEMENT FOR	UOM	OM
MNT1518	1/2 x 1/2	8-32	FASCO 8768-6000	EA	1

Rubber Vibration Insulators



A67804K

Packard

Applications

Eliminates noise and excessive vibration. Used for motors, compressors, fans, pumps, etc.

Features

Used on Coleman motors
4 per package

CATALOG NO.	DIMENSION (IN.) A-INSULATOR DIAM.	B-SCREW DIAM.	C-INSULATOR WIDTH	D-SCREW LENGTH	UOM	OM
A67804K	1	5/16	1	5/8	EA	1
A67805K	1	1/4	3/4	1/2	EA	1

Rheem Mounting Cables



A60325K

Packard

Features

4 per package

CATALOG NO.	LENGTH (IN.)	FOR MOTOR HP	UOM	OM
A60325K	3 1/4	1/6	EA	1

Conduit Box



KIT142

FASCO

Applications

For universal design motors with conduit connector holes only

Features

Mounts on one of the extended motor stud bolts

CATALOG NO.	MOTOR DIAM. (IN.)	UOM	OM
KIT142	3.3	EA	1
KIT144	4.4, 5.0, 5.6	EA	1

ACCESSORIES CONT'D

Conduit Kit

Features

3/8" Conduit Connector
Allen Stevens type, complete with mounting screws
Packaged three per kit



A60102

Packard

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
A60102	Allen Steve Type Conduit Kit	EA	1

Nuts



KIT832

FASCO

CATALOG NO.	NUT DIMENSIONS (IN)	THREAD	UOM	ORDER MULTIPLE
KIT832	11/32	8-32	PK	32

Fan Blade & Blower Wheel Puller

Applications

Assists in the removal of a fan blade or blower wheel from a motor shaft

Features

Max depth of 2.4 inches



A89000

Packard

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
A89000	Fan Blade and Blower Wheel Puller	EA	1

Pitch Gauge

Features

To aid in determining pitch of the fan blade



PG5099801

Packard

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
PG5099801	Fan Blade Pitch Gauge	EA	1

Straight Plug and Cord

Features

Used with unit bearing motors: plug and cord assembly



PLUG119

Packard

CATALOG NO.	LENGTH (IN)	UOM	ORDER MULTIPLE
PLUG119	25	EA	1

90 Degree Plug and Cord

Features

Used with unit bearing motors: plug and cord assembly



PLUG018

Packard

CATALOG NO.	LENGTH (IN)	UOM	ORDER MULTIPLE
PLUG018	25	EA	1

90 Degree Plug and Cord

Features

Length 7.56"
Cord Material: 18/2 AWM PVC 300V
UL Approved E44588
Stand Pack: Qty 1



2117

FASCO

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
2117	90 Degree Adapter Cord	EA	1

ACCESSORIES CONT'D

Mounting Kit

Features

Special end plate for 3.3" diameter D401 motor
For mounting to Comfort Air Units



KIT214

FASCO

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
KIT214	Special End Plate	EA	1

End Shield Kits

Features

Triangular bracket with grommets for 3.3" diameter motors.
4.38 BCD.



KIT225

FASCO

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
KIT225	End Shield Kit	EA	1

End Shield Kits

Features

Special end plate for 3.3" diameter motors for base mounting
Use with Kit 180 mounting rings



KIT216

FASCO

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
KIT216	End Shield Kit	EA	1

Adapter Plate

Features

Provides rectangular mounting stud pattern on 5 inch or 5 5/8" diameter motors to match Fedders stud motors
Similar to Emerson and RMR rectangular mounting stud patterns



KIT207

FASCO

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
KIT207	Rectangular mounting stud pattern	EA	1

End Shield Kits

Features

Used to mount 3.3" motors to various blower housings



KIT265

FASCO

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
KIT265	End Shield Kit	EA	1

Compartmented Storage Boxes

These boxes can be used to store your compressor terminals, nylon ties and clamps.



MB21

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
MB21	21 Compartmented Metal Box	EA	1
MB22	21 Compartmented Metal Box w/230 popular items including hi-temp and compressor	EA	1

ACCESSORIES CONT'D

24V Universal Humidifier Solenoid



UHS24

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
UHS24	24V Universal Humidifier Solenoid	Supco SUHS24	EA	1

24V Universal Humidifier Solenoid (1/4" x 1/4")



UHS99

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
UHS99	24V Universal Humidifier Solenoid 1/4" x 1/4"	—	EA	1

Easy Levelers



EL10

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
EL10	Easy Levelers (4 legs)	–	EA	1

Gasket Book



GB10

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
GB10	Gasket Book - 42 gaskets, 1/8" and 1/16"	Supco GB10	EA	1

Expanding Hose



EH50

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
EH50	Expanding Hose 50' w/ brass fittings plus shut off valve	—	EA	1

Teflon O-rings



TR10-12

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
TR10-12	Teflon O-rings, set of 3 each of all sizes 3/4", 1, 1-1/4", 1-3/4"	—	PK	12

ACCESSORIES CONT'D

Capacitor Resistor with 1/4″ Female Terminals

Features

With 1/4" female terminals
10 per package



A63106

Packard

CATALOG NO.	OHMS	WATTS	UOM	ORDER MULTIPLE
A63106	15000	2	EA	1

Capacitor Resistor

Features

10 per package



A63105

Packard

CATALOG NO.	OHMS	WATTS	UOM	ORDER MULTIPLE
A63105	15000	2	EA	1

Rubber Boots

Features

Lead protectors for motor run capacitors
5 per package



A76000

Packard

CATALOG NO.	Hole Location	UOM	ORDER MULTIPLE
A76000	1 Hole on End	EA	1
A76001	1 Hole on Top	EA	1
A76002	2 Hole on Top	EA	1
A76003	3 Hole on Side	EA	1

Capacitor Jumpers

Features

With 1/4" female terminals
10 per package



A63006

Packard

CATALOG NO.	LENGTH (IN.)	UOM	ORDER MULTIPLE
A63004	4	EA	1
A63006	6	EA	1

Capacitor Mounting Kit

Features

Bracket dimension: 2-1/8" x 1-1/4"
Cover dimension: 1-5/8"



A60010

Packard

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
A60010	Capacitor Mounting Kit	EA	1

Capacitor Mounting Kit

Features

Bracket dimension: 2-1/8" x 1-1/4"
Cover dimension: 1-5/8"



KIT6001

FASCO

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
KIT6001	Capacitor Mounting Kit	EA	1

ACCESSORIES CONT'D

Cap Guard



A60000

Features

Weather proofs capacitor connections by simply sliding on to the capacitor
Fits oval caps 2 through 17.5MFD 370V and 2 thru 12.5MFD 440V
Sheet metal screws included

CATALOG NO.	BRAND	UOM	OM
A60000	Packard	EA	1

Capacitor Brackets



A76501

Features

For motor start capacitors
5 per package

CATALOG NO.	CAPACITOR LENGTH (IN.)	UOM	OM
A76501	4-3/8	EA	1
A76502	3-3/8	EA	1
A76503	2-3/4	EA	1

Capacitor Brackets - Round



A75500

Features

For round motor run capacitors
5 per package

CATALOG NO.	DIAMETER (IN.)	UOM	OM
A75400	1-3/4	EA	1
A75500	2	EA	1
A75600	2-1/2	EA	1

Capacitor Brackets - Oval



A75200

Features

For oval motor run capacitors
5 per package

CATALOG NO.	DIMENSIONS (IN.) WIDTH X DEPTH	UOM	OM
A75100	1-5/16 x 2-5/32	EA	1
A75200	1-29/32 x 2-29/32	EA	1
A75300	1-31/32 x 3-21/32	EA	1

Capacitor End Caps - Top Lead Hole



A76612

Features

For motor start capacitors
Leads exit through bracket
5 per package

CATALOG NO.	DIAM. (IN.)	UOM	OM
A76611	1-7/16	EA	1
A76612	1-13/16	EA	1
A76613	2-1/16	EA	1
A76614	2-9/16	EA	1

Capacitor End Caps - Bottom Lead Hole



A76602

Features

For motor start capacitors
Leads exit opposite bracket
5 per package

CATALOG NO.	DIAM. (IN.)	UOM	OM
A76601	1-7/16	EA	1
A76602	1-13/16	EA	1
A76603	2-1/16	EA	1
A76604	2-9/16	EA	1

DIRECT REPLACEMENT FOR - AAON | AMANA | ARMSTRONG

Aaon - OEM - Motors

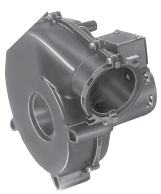
CATALOG NO.	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEAR.	DIA. (IN.)	ENCL.	MOUNT,	CAP.	DIRECT REPLACE. FOR	UOM	OM
OAN1076	460	1075	2.60	CWSE	1/2 x 4.00	6.0	Ball	5-5/8	TEAO	Belly Band	12.5MFD/ 370V	F48F37A27 F48SP6V9	EA	1
OAN1076V1	460/380-415	1075	2.8-1.8	CWSE	1/2 x 2.825	7.38	Ball	5-5/8	TEAO	Belly Band	12.5MFD/ 370V	F48K04A27	EA	1
OAN140	460	1075	2.75	CCWLE	1/2 x 4	6.36	Ball	5-5/8	Semi	Vertical Shaft Up with Belly Band	12.5M/ 370V	P99140 F48R38A27C	EA	1
OAN460	208-230	1075	5.40	CCWLE	1/2 x 3	7.36	Ball	5-5/8	Semi	Vertical Shaft Up	15M/370V	P85460 F48K44A27C	EA	1
OAN747	460	1075	2.00	CCWLE	1/2 x 3-1/4	7.11	Ball	5-5/8	Semi	Vertical Shaft Up with Belly Band	15M/370V	R17470 F48U09A27	EA	1



OAN460

Amana - OEM - Motors and Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCL.	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
A286	1/35	208/230	3125	0.6	1	CW	SP	Sleeve	Open	60	11096904 7021-9398	EA	1
A160	1/30	115	3000	1.6	1	CW	SP	Sleeve	Open	60	20044401 7021-8252 7002-2407	EA	1
A158	1/25	115	3450	0.70	1	CW	PSC	Sleeve	Open	60	D98686-7 7062-3151	EA	1
A280	1/25	115	3000	1.5	1	CW	SP	Sleeve	Open	60	D986868 7021-7794	EA	1
A287	1/25	115	3000	1.15	1	CW	SP	Sleeve	Open	60	10585405 7021-9655	EA	1
A129	1/20	115	3250	1.95	1	CW	SP	Sleeve	Open	60	7021-9064 7021-9259	EA	1



A158

Armstrong - OEM - Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCL.	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
66404	1/30	115	3300	0.53	1	CWLE	PSC	Ball	Open	60	40404-003 117521-00 7021-12439	EA	1



66404

DIRECT REPLACEMENT FOR - BROAN | BURNHAM

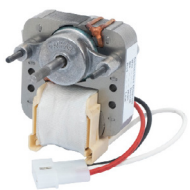
Broan - OEM - Impellars and Motors

CATALOG NO.	BORE (IN.)	DIAM. (IN.)	BORE	DIRECT REPLACEMENT FOR	UOM	OM
A65216FB	3/16	4-1/2	D Shape	99110379	EA	1



A65216FB

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROTA.	SHAFT DIM. (IN.)	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
65366	5/8	120	3000	0.50	2	CCWSE	0.185 Splined x 1-1/4	SP	Sleeve	Open	99080365	45 513	EA	1
65216	5/8	120	3000	0.51	1	CCWSE	0.181 x 1-1/2	SP	Sleeve	Open	99080090 99080216	485 491	EA	1
65094	7/8	120	3000	0.75	1	CCWSE	7/32 x 1-1/4	SP	Sleeve	Open	99080094 99080099 99080166	485 491	EA	1
65159	7/8	120	3000	0.71	1	CCWSE	1/4 x 2-5/8	SP	Sleeve	Open	99080159	485 491	EA	1



65366

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
69316	120	1100	3.40	1	CWSE	1/2 x 3-1/16	2 1/4	SP	Sleeve	Open	97009316	EA	1
69317	120	1100	4.30	1	CWSE	1/2 x 2-5/8	2 5/8	SP	Sleeve	Open	97009317 99080267	EA	1



69316

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	ENCL.	DIRECT REPLACE. FOR	NOTES	UOM	OM
40752	1/40	120	1500	1.30	1	CCWSE	1/4 x 1-7/16	2-1/8	SP	Sleeve	Open	97009752 99080096 99080345	512	EA	1
82152	1/20	120	1550	1.8	1	CWLE	1-3/4 x 5/16 x 1-3/4	3	SP	Sleeve	Open	99080152	42	EA	1



82152

Notes: **42.** Includes Cord and Plug **485.** Includes two prong plug **491.** Has a flatted shaft
512. Includes Cord and 2 Prong 90° Plug **513.** Special plug and cord attached

Burnham - OEM - Draft Inducers

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	HERTZ	OVERLOAD	INCLUDES	DIRECT REPLACEMENT FOR	UOM	OM
66056	115	3400	0.48	1	PSC	Ball	Open	60	Automatic	Gasket	6116056	EA	1



66056

DIRECT REPLACEMENT FOR - CARRIER

Carrier - OEM - Draft Inducers, Motors and Blower Wheels

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	DIRECT REPLACEMENT FOR	UOM	OM
65230	28 Watts	208-230	3000	0.80	1	CWSE	—	—	SP	Ball	HC24HE230	EA	1



65230

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	HERTZ	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66755	40	115	3300	0.86	1	CWSE	PSC	Ball	60	Automatic	309868-755	EA	1
66756	58	115	3300	0.85	1	CWSE	PSC	Ball	60	Automatic	320725-756	EA	1
66757	58	115	3300	0.85	1	CWSE	PSC	Ball	60	Automatic	320725-757	EA	1
66758	78	115	3400	1.15	1	CWSE	PSC	Ball	60	Automatic	320725-758	EA	1
667552	40	115	3300	0.79	2	CWSE	PSC	Ball	60	Automatic	326058-755	EA	1
667572	58	115	3300	0.85	2	CWSE	PSC	Ball	60	Automatic	326058-756	EA	1
667582	78	115	3400	1.02	2	CWSE	PSC	Ball	60	Automatic	326058-758	EA	1



66756

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	HZ	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66761	8.2 MHP	115	3000	0.63/0.3	2	CWSE	Shaded Pole	Ball	60	Automatic	326628-761	EA	1
66762	16 MHP	115	3000	1.06/0.28	2	CWSE	Shaded Pole	Ball	60	Automatic	326628-762	EA	1
66763	28 MHP	115	3000	1.32/0.39	2	CWSE	Shaded Pole	Ball	60	Automatic	326628-763	EA	1



66762

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
65569	25 MHP	115	3300	1.80	1	CWSE	1 x 5/16 x 1-7/8	3-3/8	SP	Ball	HC21ZE117B 318984-753	EA	1
65570	25 MHP	230	3000	0.80	1	CWSE	1 x 5/16 x 1-7/8	3-5/8	SP	Ball	HC24HE230	EA	1



65569

Notes: Includes motor, 2 speed plug, cooling fan, blower wheel, mounting bracket, screws & grommets

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
66649	1/16	208-230	3450	0.48	1	CCWSE	PSC	Ball	48GS400106 48GS400649 50DK406815 HC30GB232	EA	1



66649

DIRECT REPLACEMENT FOR - CARRIER CONT'D

Carrier - OEM - Draft Inducers, Motors and Blower Wheels

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	HZ	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66815	1/16	208-230	3450	0.48	1	PSC	Ball	Open	60	Automatic	50DK406181	EA	1
66816	1/16	460	3450	0.25	1	PSC	Ball	Open	60	Automatic	50DK406182	EA	1

Notes: **66815 -** 4 MFD/370 capacitor required **66816 -** Includes gasket



66815

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
D1184	1/16	460	3450	0.30	1	CCWSE	5/16 x 3.30	4-3/4	PSC	Ball	HC30GB460 HC30GB462 JF1H091 JF1H101	EA	1



D1184

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
82180	1/20	115	3300	1.54	1	CCWLE	5/16 x 2-1/8	3-5/8	SP	Sleeve	JA1P053 P251-2307	EA	1



82180

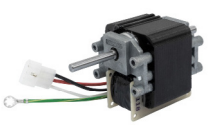
CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	HZ	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66743	1/24	115	3000	1.5	1	Shaded Pole	Sleeve	Open	60	Automatic	D9868602	EA	1



66743

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
65118	1/30	115	2800/ 2500	1.80/ 0.60	2	CCWLE	3/4 x 5/16 x 1-5/8	2-3/4	SP	Ball	HC21ZE118	EA	1
65123*	1/40	115	3000	1.50	1	CCWLE	3/4 x 5/16 x 1-1/8	2.54	SP	Ball	HC21ZE123A	EA	1

***Notes:** Stack size 1-1/2 inch



65118

DIRECT REPLACEMENT FOR - CARRIER CONT'D

Carrier - OEM - Draft Inducers, Motors and Blower Wheels

CATALOG NO.	BORE (IN.)	DIAM. (IN.)	WIDTH	DIRECT REPLACEMENT FOR	UOM	OM
A65048BW	5/16	3.82	1-5/8	LA11XA048	EA	1



A65048BW

CATALOG NO.	RPM	VOLTS	FRAME	MODEL NO.	F.L. AMPS	WEIGHT (LBS.)	FRAME LENGTH (IN.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
X235	1140	200-230/460	56Y	56T11D5209	6.6-6.0/3.0	36	10-1/2	5/8 x 2-7/8	11.92	Carrier HD52VE214 Marathon 56T11D33	EA	1



X235

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	DIRECT REPLACEMENT FOR	UOM	OM
40230	1/8	208-230	1125	0.90	1	CCWSE	1/2 x 4-3/8	3-3/4	PSC	Ball	HC35VE230	EA	1
D847	1/8	208-230	1125	0.90	1	CCWSE	1/2 x 3-1/2	3-3/4	PSC	Sleeve	HC35VE230	EA	1
82210	1/3	208-230	1625	1.80	1	CCWLE	5-5/8 x 1/2 x 5-5/8	4-1/4	PSC	Ball	HC41FB666	EA	1



40230

CATALOG NO.	HP	RPM	VOLTS	AMPS	SPEEDS	BEARINGS	HZ	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
43405	1/6	1500	208-230	0.9	1	Ball	60	CCWSE	1/2 x 1-3/4	4.25	HC33GE208 OCA1014	EA	1



43405

CATALOG NO.	VOLTS	RPM	AMPS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
82113	115	1075	11.0	CWSE	1/2 x 2-7/8	5-3/8	PSC	Ball	HC45TE113 5KCP39PGV623CS	EA	1



82113

DIRECT REPLACEMENT FOR - COLEMAN EVAN | CONSOLIDATED INC | COPELAND

Coleman Evcon - OEM - Motors and Draft Inducers

CATALOG NO.	STACK SIZE (IN.)	HP	VOLTS	RPM	AMPS	SPEEDS	ROTA.	SHAFT DIM. (IN.)	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
K629	1	1/85	115	2950	0.67	1	CW	1/4 x 1-1/8	SP	Sleeve	Open	7990-317P 7102-2187	EA	1



K629

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
65475	1/150	115	3315	0.4	1	CCWSE	SP	Ball	—	373-19801-820 373-19801-821	EA	1
A156	1/35	115	3000	1.1	1	CW	SP	Sleeve	Open	7021-10882 7021-8935 2702321P	EA	1
A088	1/25	115	3200	1.3	1	CW	SP	Sleeve	Open	7021-10267 7021-9908 D6868608 7021-5478	EA	1



65475



A156

Consolidated Ind. - OEM - Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
82570	1/33	115	3300	0.9	1	CWSE	SP	Sleeve	3.3	401570 JA1P082	EA	1



82570

Copeland - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	SPEEDS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	ENCL.	HZ	DIRECT REPLACEMENT FOR	UOM	OM
15020	35	115	1500	1.40	1	CWLE	1/4 x 1/2	3-3/8	SP	Unit	TE	60	050-0267-0	EA	1
65020	35	115	1500	1.40	1	CWLE	1/4 x 1/2	3-3/8	SP	Unit	TE	50/60	050-0267-0	EA	1
15040	50	115	1500	1.70	1	CWLE	3/8 x 1-1/2	3-5/8	SP	Unit	Semi	60	050-0244-01	EA	1
15041	50	230	1500	0.85	1	CWLE	3/8 x 1-1/2	3-5/8	SP	Unit	Semi	60	050-0244-00	EA	1



15020

CATALOG NO.	VOLTS	RPM	AMPS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	ENCL.	DIA (IN.)	HZ	DIRECT REPLACEMENT FOR	UOM	OM
40251	208-230	1550	1.10	CCWSE	1/2 x 3	4	PSC	Sleeve	Open	5-5/8	50/60	998-0251-00 050-0251-00 K55HSJNG-2974	EA	1
40265	208-230	1550	1.10	REV.	1/2 x 3	3-1/2	PSC	Sleeve	Open	5-5/8	50/60	050-0265-00 950-0265-00 K55HXPGP-5104	EA	1
40250	208-230	1625	1.50	CCWSE	1/2 x 3 Dbl Flat	4-1/4	PSC	Sleeve	Open	5-5/8	50/60	950-0250-00 050-0250-00 K55HXJZJ-3126	EA	1



40251

DIRECT REPLACEMENT FOR - COPELAND CONT'D | DELFIELD

Copeland - OEM - Motors

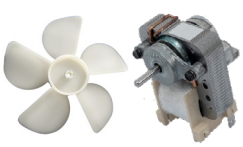


15045

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	ENCL.	HZ	DIRECT REPLACEMENT FOR	UOM	OM
15045	50	230	1500	0.85	CCWLE	5/16 x 2-1/2	3-3/4	SP	Unit	Open	60	050-0264-0	EA	1
15049*	50	208-230	1500	0.85	CWLE	3/8 x 1-1/2	3-3/4	SP	Unit	Semi	50/60	050-0244-00	EA	1
15460	50	460	1500	0.44	CWLE	3/8 x 1-1/2	3-5/8	SP	Unit	Semi	60	050-0244-02	EA	1
15461	50	460	1500	0.44	CCWLE	5/16 x 2	3-5/8	SP	Sleeve	Open	60	050-0264-03	EA	1
15116	50	115	1500	1.70	CWLE	1/4-20 x .4	4.18	SP	Unit	Open	60	0344-01 050-0344-01 950-0344-01	EA	1
15126	50	208-230	1500	0.85	CWLE	1/4-20 x .4	4.18	SP	Unit	Open	60	0344-10 050-0344-10 950-0344-10	EA	1
15146	50	460	1500	0.44	CWLE	1/4-20 x .4	4.18	SP	Unit	Open	60	0344-03 05-0344-03 950-0344-03	EA	1
65040	50	115	1500	1.70	CWLE	3/8 x 1-1/2	3 5/8	SP	Unit	Semi	50/60	050-0244-01	EA	1
65041	50	230	1500	0.85	CWLE	3/8 x 1-1/2	3 5/8	SP	Unit	Semi	50/60	050-0244-00	EA	1
65045	50	230	1500	0.85	CCWLE	5/16 x 2	4	SP	Unit	Open	50/60	050-0264-0	EA	1

***Notes:** May be used on 208 volt applications.

Delfield - OEM - Motor Kits



65514

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	TYPE	BEARINGS	ENCL.	HZ	DIRECT REPLACEMENT FOR	UOM	OM
65514	5/8	120	3000	0.44	1	CWSE	3/16 x 3/4	SP	Sleeve	Open	60	1175-10-4439	EA	1

DIRECT REPLACEMENT FOR - DUNKIRK | FEDDERS | FIRST COMPANY | FRANKLIN

Dunkirk - OEM - Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	TYPE	BEARINGS	ENCL.	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
82052	1/50	115	3000	1.00	1	SP	Sleeve	Open	60	433-00-510 98E6101	EA	1



82052

Fedders - OEM - Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCL.	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
40188	1/20	208-230	1500	0.9	1	CWSE	SP	Sleeve	Open	60	S196-00047-002 S196-00047-003	EA	1



40188

First Company - OEM - Motors and Blower Wheel

CATALOG NO.	HP	Volts	RPM	Amps	Speeds	Rot	Shaft Dim. (In.)	Length Less Shaft (In.)	Type	Bearings	Encl.	Dia. (In.)	Direct Replacement For	UOM	OM
D236	1/10-1/15-1/25	115	1550	3.50-2.40-1.80	3	DS	7-1/2 x 1/2 x 7-1/2	3 3/8	SP	Sleeve	Open	4.4	SD-110021	EA	1
D258*	1/5-1/10	208-230	1550	2.80-1.30	2	CCWLE	8 x 1/2 x 8	3-3/8	PSC	Sleeve	Open	5	M10	EA	1
80010	1/4	208-230	1625	1.65	2	CCWLE	7-1/4 x 1/2 x 7-1/4	4-1/2	PSC	Ball	Open	5-5/8	M10	EA	1
82201	1/4	208-230	1125	1.5	1	CCWSE	1/2 x 7-1/2	4-3/8	PSC	Ball	Open	5-5/8	M201B	EA	1

***Notes:** 5M 370V capacitor included and also comes with 2-1/2" O.D. rubber mounting rings



D236

CATALOG NO.	DIAM. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MATERIAL	DIRECT REPLACEMENT FOR	UOM	OM
A60200BW	7-11/16	8	CW	1/2	Galvanized Steel	W200	EA	1

Notes: Can be used with motor 82201



A60200BW

Franklin - OEM - Draft Inducers

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCL.	DIAM.	DIRECT REPLACEMENT FOR	UOM	OM
B23617	115/230	3000	0.9/0.45	1	CCW	SP	Sleeve	Open	3.3	303875 7021-10288 7021-5703	EA	1



B23617

DIRECT REPLACEMENT FOR - GENERAL ELECTRIC | GOODMAN

General Electric - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	TYPE	BEAR	ENCL.	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
65017	9	115	1550	0.55	1	CWLE	1/4 x 1/2	SP	Unit	TE	50/60	5KSM81FFL17	EA	1
65018	5	115	1550	0.34	1	CWLE	1/4 x 1/2	SP	Unit	TE	50/60	5KSM81FFL18	EA	1



65017

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	TYPE	BRG	DIA (IN.)	ENCL.	HZ	DIRECT REPLACEMENT FOR	UOM	OM
41728	230	1550	1.10	1	CWSE	1/2 x 3	PSC	Sleeve	5	ODP	60/50	5KSP29DK1728S WW94X936PSC	EA	1



41728

Goodman - OEM - Draft Inducers

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCL.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
48331*	115	3200	1.80	1	CWLE	SP	Ball	Open	C-Frame	5KSB46GF0001S B4833000	EA	1
66003	115	3250	0.92	1	CCWLE	PSC	Ball	Open	3.3	098862-1 11009001 11009003	EA	1
66071**	115	3000	2.80	1	CWLE	SP	Ball	Open	C-Frame	071M00000 22307501S 20190601	EA	1

Notes: *Includes rubber boot **Stack size 1-1/2 inch



48331

DIRECT REPLACEMENT FOR - GOODMAN CONT'D

Goodman - OEM - Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARING	ENCL.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
82483	1/50	115	3000	0.90	1	CWLE	SP	Ball	Open	3.3	B1859000 B1859000S	EA	1
A079	1/50	115	3000	1.10	1	CCW	SP	Sleeve	TE	3.3	B1859000 74-70-21964-03-01 7021-6804	EA	1
A140	1/50	115	3400	1.40	1	CW	SP	Sleeve	Open	3.3	B2833001S B2833001 7021-9000 7021-9087 FB-RFB140	EA	1
66121	1/50	230	3000	0.22	1	CCWSE	PSC	Ball	Open	3	0131M00121P 0131M00121S	EA	1
A162	1/50	208-230	3000	0.50	1	CCW	SP	Sleeve	Open	3.3	B295900 7021-8656	EA	1



A140

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	ENCL.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
66002	1/35	115	3000	1.2	1	CWLE	SP	Ball	Open	C-Frame	0131M00002P 0131M00002S	EA	1
A157	1/35	115	3000	1.3	1	CCW	SP	Sleeve	Open	C-Frame	7002-2307	EA	1
A182	1/35	115	3125	1.20	1	CCW	SP	Sleeve	Open	C-Frame	B4059000 7002-3036	EA	1
A184	1/35	115	3125	1.55	1	CCW	SP	Ball	Open	C-Frame	B4059001 7058-0229	EA	1
66005	1/30	115	3000	1.60	1	CWLE	SP	Ball	Open	C-Frame	B1859005 J238-11128	EA	1
66590	1/30	115	3000	1.50	1	CWLE	SP	Ball	Open	C-Frame	B4059000 J238-112-11195	EA	1
A181	1/30	115	3192	1.5	1	CW	SP	Ball	Open	C-Frame	20044403 7058-0136	EA	1



66002

DIRECT REPLACEMENT FOR - GOODMAN CONT'D | GREENHECK

Goodman - OEM - Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	ENCL.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
A284	1/30	208/240	3000	0.59/ 0.5	1	CW	SP	Sleeve	Open	3.3	D9886202 7021-9227	EA	1
A189	1/24	115	3000	1.5	1	CW	SP	Sleeve	Open	3.3	D9868620 7021-7302	EA	1
A290	1/20	115	3200/ 2400	0.7	2	CCW	PSC	Ball	Open	3.3	20245903 7062-5015	EA	1
A188	1/18	115	3250	1.6	1	CW	SP	Sleeve	Open	3.3	B4833000 7021-10958	EA	1



A290

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	CAP. REQ.	UOM	OM
OGD1016	1/6	208-230	1075	1.00	1	CCWLE	PSC	Sleeve	Open	B13400-251	5M/ 370V	EA	1
OGD1026	1/4	208-230	1075	1.50	1	CCWLE	PSC	Sleeve	Open	B13400-247	5M/ 370V	EA	1



OGD1016

Greenheck - OEM - Motors

CATALOG NO.	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	DIA.	ENCL.	MOUNTING	TYPE	DIRECT REPLACEMENT FOR	UOM	OM
90145	115	950	1.15	CWSE	5/16 x 2-5/8	2-3/4	Sleeve	3.3	OAO	Stud	SP	310145	EA	1
90198	115	1050	1.80	CWSE	5/16 x 2-5/8	3	Sleeve	3.3	OAO	Stud	SP	310198	EA	1



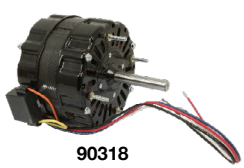
90145

CATALOG NO.	WATT	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	DIA.	ENCL	MOUNT	TYPE	DIRECT REPLACEMENT FOR	UOM	OM
90955	5	115	700	0.19	CWSE	5/16 x 2-3/4	2-1/2	Ball	3.3	TEAO	Stud	PSC	314955	EA	1
90038	3	115	675	0.15	CWSE	5/16 x 2-3/4	2-1/2	Ball	3.3	TEAO	Stud	PSC	315038	EA	1



90955

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	DIA. (IN.)	MOUNT	DIRECT REPLACEMENT FOR	UOM	OM
90318	115	1550/ 1300/ 1050	2.60	3	CCWSE	1/2 x 2-3/4	3 5/8	PSC Cap Incl.	Ball	5.12	Thru Bolt	308318	EA	1



90318

CATALOG NO.	RPM	VOLTS	FRAME	MODEL NO.	F.L. AMPS	WT (LBS.)	FRAME LENGTH (IN.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
X261	825	115	48Y	48A8O151	2.1	13	5-1/2	1/2 x 2-1/2	7.59	300008	EA	1
X260	1140	115	48Y	48A11O251	2.2	13	5-1/4	1/2 x 2-1/2	7.34	300010	EA	1



X261

CATALOG NO.	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BRG	DIA.	ENCL	MOUNTING	TYPE	DIRECT REPLACEMENT FOR	UOM	OM
90153	115	1725	4.60	CCWLE	1/2 x 2	7 5/8	Ball	5.69	ODP	Stud	Split Phase	309153	EA	1



90153

DIRECT REPLACEMENT FOR - HEATCRAFT - BOHN - LARKIN

Heatcraft - Bohn - Larkin - OEM - Motors

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
65691	5/8	120	3000	0.64	CWSE	0.181 x 1-5/16	SP	Sleeve	Open	5007S 5018S 5036F	354 472 474	EA	1



65691

CATALOG NO.	VOLTS	RPM	AMPS	ROT	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
41101B	115	1500	1.90	CCWSE	5/16 x 2-1/4	2-3/4	SP	Ball	Open	253-1194	329, 500	EA	1
41103B	208-230	1500	0.93	CCWSE	5/16 x 2-1/4	2-7/8	SP	Ball	Open	253-1195	329, 500	EA	1
41194	115	1550	1.90	CCWSE	5/16 x 2-1/2	2-5/8	SP	Sleeve	Open	253-1194	463	EA	1
41195	208-230	1550	0.89	CCWSE	5/16 x 2-1/2	2-7/8	SP	Sleeve	Open	253-1195	463	EA	1
D1101	115	1500	1.90	CCW	5/16 x 2-1/4	2 3/4	SP	Sleeve	Open	253-1194	—	EA	1
D1103	208-230	1500	1.15	CCW	5/16 x 2-1/4	3	SP	Sleeve	Open	253-1195	—	EA	1
D1124	115	1550	2.10	CW	5/16 x 3	3	SP	Sleeve	Open	5008S 5KSM59JSK143S	500	EA	1



D1101

CATALOG NO.	VOLTS	RPM	AMPS	ROT	SHAFT DIM (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
35100	115	1550	1.30	CWOSE	5/16 x 2-5/8	4-1/8	ECM	Ball	TE	253-1194	500	EA	1
35101	115	1550	1.30	CCWOSE	5/16 x 2-5/8	4-1/8	ECM	Ball	TE	5008S	500	EA	1
35201	208-230	1550	0.80	CCWOSE	5/16 x 2-5/8	4-1/8	ECM	Ball	TE	5008T	500	EA	1



35101

Notes: **329.** Motor has 4 studs on both ends **472.** Includes stand offs for other Bohn applications **354.** Impedence protected **474.** Used in Bohn commercial evaporators **463.** Identical Bolt Pattern of Larkin **500.** Includes cord and Lyall plug

DIRECT REPLACEMENT FOR - HEATCRAFT - BOHN - LARKIN | HEIL-QUAKER | HERMAN NELSON

Heatcraft - Bohn - Larkin - OEM - Motors

CATALOG NO.	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
41124B	120	1550	2.00	CWSE	5/16 x 3	3-1/2	SP	Ball	Open	5008S	329 500 551	EA	1
41126B	208-230	1550	1.10	CWSE	5/16 x 3	3-1/2	SP	Ball	Open	5008T 5034L	329 500	EA	1
45008SB	115	1550	1.80	CWSE	5/16 x 3	3	SP	Ball	Open	5008S 5034LS	499 500	EA	1
45008TB	208/ 230	1550	1.20- 1.00	CWSE	5/16 x 3	3-1/2	SP	Ball	Open	5008T 5034MS	499 500	EA	1
D1126	230	1550	1.10	CW	5/16 x 3	3-1/2	SP	Sleeve	Open	5008T 5KSM59LS2262AS	500	EA	1
97701	230	1625	0.70	CWSE	5/16 x 2.95	2.85	ECM	Ball	TE	22617701 22617901 25307701 25307901	500 499	EA	1
97801	120	1625	1.20	CWSE	5/16 x 2.95	2.85	ECM	Ball	TE	22617801 22618001 25307801 25308001	500 499	EA	1
9721	115/ 208-230	1550	1.10/ 0.50	Rev.	5/16 x 3 1/4	3-5/8	PSC	Ball	Open	7071061 25309101	189 498 500	EA	1
41125B	208-230	1550/ 1400	0.50	CCWSE	5/16 x 2 5/8	3-1/2	PSC	Ball	Open	5008T	304 500	EA	1
D1125	208-230	1550	0.40	CCW	5/16 x 2 5/8	3-3/4	PSC	Sleeve	Open	7190-0442	42 304	EA	1
49101	115/ 208-230	1550/ 1400	1.10/ 0.50	Rev.	5/16 x 3 1/8	3-5/8	PSC	Ball	Open	7071061 25309101	189 304 498 499 500	EA	1



41124B



97801



49101

Notes: **42.** Includes cord and plug **189.** Includes reversing plug **304.** Run capacitor mounted on motor shell **329.** Motor has 4 studs on both ends **498.** 50/60 Hertz **499.** Identical bolt pattern as OEM motor **500.** Includes cord and Lyall plug **551.** Low temperature oil

Heil-Quaker - OEM - Draft Inducer

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEAR.	ENCL.	HZ	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A064	1/55	115	3150	0.70	1	CW	SP	Sleeve	Open	60	Automatic	5C085 610672 608971	EA	1



A064

Herman Nelson - OEM - Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
D827	1/8	115	700	2.50	1	CCW	1/2 x 2	5-1/2	PSC	Ball	5-5/8	7-150444-02	EA	1



D827

DIRECT REPLACEMENT FOR - HILL | HUEBSCH | HUSSMANN | ICE-O-MATIC

Hill - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	HERTZ	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
65119	5	115	1550	0.34	CWLE	1/4 x 1/2	2-3/8	TE	50/60	Double Foot Pads	PP7577M	EA	1

Notes: Includes straight Lyall plug, low temperature oil

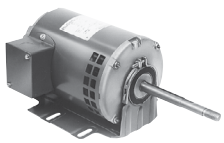


65119

Huebsch - OEM - Motors

CATALOG NO.	HP	RPM	VOLTS	FRAME	MODEL NO.	F.L. AMPS	WT (LBS.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	UOM	OM
X602	1/2	1725	115/208-230	56Z	56C17D2102	8.0/4.0-4.0	24	5/8 x 5-5/8	9.85	EA	1
X603	3/4	1725	115/208-230	56Z	56C17D5346	12.0/5.8-6.0	29	3/4 x 5-5/8	9.47	EA	1

Notes: Fixed CCW Rotation, viewing opposite shaft (or lead end) of motor.
Replacements listed may not be an exact duplicate of the original motor.



X602

Hussmann - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	ENCL.	MOUNT	DIRECT REPLACEMENT FOR	UOM	OM
65133*	9	115	1550	0.50	CWLE	1/4 x 1/2	2-1/2	SP	Unit	TE	Single Foot Pad	58698	EA	1
61103*	12	115	1550	0.62	CWLE	1/4 x 1/2	2-11/16	SP	Unit	TE	No Foot Pad	0047000 441-103 0440421 125-01-0615A	EA	1
15546	12	115	1550	0.30	CWLE	1/4-20 x .425	3.13	ECM	Unit	TE	Rear Mount	0477655 4410546	EA	1

Notes: *Includes straight Lyall plug, Low Temp. Oil



15546

Ice-O-Matic - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	MOUNTING	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
15020	35	115	1500	1.40	CWLE	1/4 x 1/2	3-3/8	TE	Double Foot Pads	60	9161078-01	EA	1
15021	35	230	1500	0.70	CWLE	1/4 x 1/2	3-3/8	TE	Double Foot Pads	60	9161078-03 309316-000	EA	1
65020	35	115	1500	1.40	CWLE	1/4 x 1/2	3-3/8	TE	Double Foot Pads	50/60	9161078-01	EA	1
65021	35	230	1500	0.70	CWLE	1/4 x 1/2	3-3/8	TE	Double Foot Pads	50/60	9161078-03 309316-000	EA	1
15041	50	230	1500	0.85	CWLE	3/8 x 1-1/2	3-5/8	Semi Encl.	Double Foot Pads	60	319357-000	EA	1
65041	50	230	1500	0.85	CWLE	3/8 x 1-1/2	3-5/8	Semi Encl.	Double Foot Pads	50/60	319357-000	EA	1



65041

DIRECT REPLACEMENT FOR - ICP

ICP - OEM - Draft Inducers



66833

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
66833	28 MHP	115	3000	1.60	1	CWSE	SP	Ball	Open	1010324 1010238P 1013833 4MH28 1010975	EA	1
66338	50 MHP	115	3000	2.40	1	CWSE	SP	Ball	TE	1012002 1013388A 1014338 1013188	EA	1
A174	1/100	115	2350	0.8	1	CW	SP	Sleeve	Open	1010239 7021-9188	EA	1
A301	1/100	115	2350	0.8	1	CW	SP	Sleeve	Open	1010239 1094073	EA	1
A151	1/90	230	2800	0.3	1	CW	SP	Sleeve	Open	1050144 1170870 4MH40 7021-10287	EA	1
A141	1/60	115	2800	1	1	CW	SP	Ball	Open	1094073 1094074 4MH33 7021-10280 7021-8741 7021-8742	EA	1
A179	1/60	115	3300	0.9	1	CW	SP	Sleeve	Open	1006168P 7021-8693	EA	1
A051	1/60	115	3000	1.6	1	CW	SP	Ball	Open	1013833 J238-1393	EA	1
A148	1/50	208-230	3000	0.50	1	CCW	SP	Sleeve	Open	1054268P 7021-7617 7021-9237 HQ1054268FA	EA	1
66254	1/50	230	3000	0.30	1	CCWLE	PSC	Ball	Open	1110008 1085571 1085571P 7021-10048 7021-10580 119254-00	EA	1
66529	1/35	115	3000	1.50	1	CCWSE	SP	Ball	—	100011645 10011645 10011945 1014433 1014529	EA	1
A172	1/35	115	3000	1.60	1	CW	SP	Ball	—	1010975 1010975P	EA	1
A178	1/30	115	3400	1.8	1	CW	SP	Ball	Open	1012002 1013188	EA	1

DIRECT REPLACEMENT FOR - ICP CONT'D

ICP - OEM - Draft Inducers



A170

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
82148	1/30	208-230	3000	0.16	1	CCWSE	PSC	Ball	Open	1054268P 1054268 HQ1054268FA	EA	1
A134	1/25	115	3060	1.50	1	CW	SP	Sleeve	Open	1010238P 1010324 1708-607 1708-607P R7-RFB134 7021-7700 7021-8735 7021-8736 7021-9335	EA	1
A176	1/25	115	3100	2.2	1	CW	SP	Ball	—	1011899 7002-2946	EA	1
66350	1/25	115	3350	0.92	1	CCWSE	PSC	Ball	Open	1000814 1001371 1001609 1002543 1007360 1011350 1150474 HQ1011350	EA	1
A170	1/25	115	3400	2.30	1	CCW	SP	Ball	Open	1010312 1010526 1010928 1011095 1011097 1011409 1164280	EA	1
A145	1/25	115	3450	0.7	1	CCW	PSC	Ball	Open	1008695 4MH47 7021-10299 7062-4061	EA	1



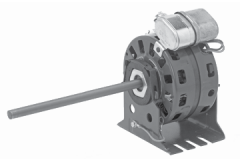
A169

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
A171	1/25	115	3450	0.70	1	CCW	PSC	Ball	Open	1010491 1010527P 1011096 1011410	EA	1
A169	1/25	230	2800	0.75	1	CW	SP	Sleeve	Open	1010008 1085571 1110008 7021-10048 7021-10580	EA	1
A307	1/24	115	3450	0.7	1	CW	PSC	Sleeve	Open	7062-5165 1149097 7062-3794 1008416P	EA	1
A067	1/20	115	3000	2.6	1	CW	SP	Ball	Open	1014338 119225-00	EA	1
A173	1/18	115	3450	0.80	1	CCW	PSC	Ball	Open	1011350 HQ1011350 HQ1011350FA R7-RFB350	EA	1

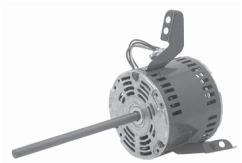
DIRECT REPLACEMENT FOR - IEC | IMI | JOHNSON FURNACE

IEC - OEM - Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	TYPE	SPEEDS	ROT	SHAFT DIM. (IN.)	BRG	DIA. (IN.)	A DIM.	DIRECT REPLACEMENT FOR	UOM	OM
D1048	1/20	277	1075	0.5	PSC	3	CW	1/2 x 7-1/4	Sleeve	5	3-7/8	5KCP29FK8132S S89205	EA	1
D1059	1/6	115-127	1450	2.3	PSC	3	DS	8-3/4 x 1/2 x 9	Sleeve	5	3-1/3	5KCP29DK8384S S89208	EA	1



D1048



D1059

Notes: A Dim. equals depth of the motor housing

IMI Cornelius - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	MOUNT	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
15050	50	115	1500	1.70	CWLE	5/16 x 3	3-7/8	Open	—	60	ESPOL50EM1B1 134350000	EA	1
15041	50	230	1500	0.85	CWLE	3/8 x 1-1/2	3-5/8	Semi	Double Foot Pads	60	319357-000	EA	1
65041	50	230	1500	0.85	CWLE	3/8 x 1-1/2	3-5/8	Semi	Double Foot Pads	50/60	319357-000	EA	1
15021	35	230	1500	0.70	CWLE	1/4 x 1/2	3-3/8	TE	Double Foot Pads	60	9161078-03 309316-000	EA	1
65021	35	230	1500	0.70	CWLE	1/4 x 1/2	3-3/8	TE	Double Foot Pads	50/60	9161078-03 309316-000	EA	1



65041

Johnson Furnace - OEM - Draft Inducers and Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTA.	TYPE	BEARINGS	ENCL.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
A081	1/40	230	3000	0.5	1	CCW	SP	Ball	—	3.3	36HWC18A 36HWC241 36HW 48HW	EA	1



A081

DIRECT REPLACEMENT FOR - KRACK | L.L. BUILDING | LENNOX

Krack - OEM - Motors

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	DIA. (IN.)	MOUNT	DIRECT REPLACEMENT FOR	UOM	OM
41189	115/ 208-230	1350/ 1550	1.60/ 0.80	1	CWSE	5/16 x 1-5/8	3-1/16	SP	Ball	3.3	Lug	11528 11529	EA	1
OKR1503	200-230/ 460	850	4.40-4.00/ 2.00	1	Rev.	5/8 x 3 -1/4	10-1/4	3 phase	Ball	6-1/2	Belly Band	151437 11503	EA	1



41189

L.L. Building - OEM - Motors

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	ENCL.	DIA. (IN.)	CAP. INCL.	DIRECT REPLACEMENT FOR	UOM	OM
99320	120	900	3.40	1	CWSE	1/2 x 2.02	2.27	SP	Open	5.12	—	V909320	EA	1
99371	120	1050	2.80	1	CWSE	1/2 x 2.30	3.08	PSC	Open	5.12	8MFD / 250VAC	V909371 V909336	EA	1
99321	120	1050	3.30	1	CWSE	1/2 x 2.30	3.33	PSC	Open	5.12	10MFD / 250VAC	V909321 V909337	EA	1
99319	120	1050	3.30	1	CWSE	1/2 x 2.30	3.33	PSC	Open	5.12	10MFD / 250VAC	V909319	EA	1



99320

Lennox - OEM - Draft Inducers and Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BRG	ENCL.	HZ	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A138	1/70	120	3000	0.7	1	CCW	SP	Sleeve	Open	60	Auto	7021-8657 7021-8825	EA	1
A219	1/65	120	3000	0.7	1	CCW	SP	Sleeve	Open	60	Auto	88J3901 7021-9262	EA	1
A320	1/60	115	3000	0.8	1	CCW	SP	Sleeve	Open	60	Auto	27K6101 10115401	EA	1
66401	1/60	120	2800	1.30	1	CWLE	SP	Ball	Open	60	Auto	88K8401 J238-087-8171 43K4101 46K4101 67M5401 67M5401	EA	1
A135	1/60	120	3000	0.7	1	CCW	SP	Sleeve	Open	60	Auto	33J4101 4MH29 7021-10276 7021-8812	EA	1



A320

DIRECT REPLACEMENT FOR - LENNOX CONT'D

Lennox - OEM - Draft Inducers and Motors



A200

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BRG	ENCL.	HZ	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
66501	1/30	115	3000	1.20	1	CCWSE	SP	Ball	Open	60	Auto	31L5501 101202-01 102359-01 24W95 313L5501 68M26	EA	1
A200	1/30	115	3000	1.35	1	CCW	SP	Sleeve	Open	60	Auto	313L5501 7002-2975	EA	1
A155	1/30	115	3000	1.40	1	CCW	SP	Ball	Open	60	Auto	7021-10046 40425-002	EA	1
A210	1/30	115	3000	1.7	2	CCW	SP	Ball	Open	60	Auto	18M6701 27M1301	EA	1
A201	1/30	208-230	3000	0.65	1	CCW	SP	Ball	Open	60	Auto	41144-001 41144-002 7021-10055 7021-10743	EA	1
A207	1/28	115	3000	1.75	1	CCW	SP	Ball	Open	60	Auto	60M7901 7058-0217	EA	1
A208	1/28	115	3000	1.75	1	CCW	SP	Ball	Open	60	Auto	60M8101 7058-0322	EA	1



A213

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BRG	ENCL.	HZ	OVERLOAD	DIRECT REPLACEMENT FOR	UOM	OM
A206	1/25	115	3000	1.5	1	CW	SP	Sleeve	Open	60	Auto	20J8091 7021-8473	EA	1
A213	1/25	115	3200	2.1	2	CCW	SP	Ball	Open	60	Auto	18L0401 7021-10376	EA	1
66300	1/25	115	3300	1.5	1	CWSE	SP	Sleeve	Open	60	—	7021-8473 20J89	EA	1
A209	1/20	115	3200/2800	0.8	2	CCW	PSC	Ball	Open	60	Auto	38M5001 7062-5441	EA	1
A163	1/20	115	3400	1.80	1	CCW	SP	Ball	Open	60	Auto	7021-9450 67K0401 67K0401P FB-RFB547 36717D1 36717D3 36717D4	EA	1
A204	1/20	115	3400	1.8	1	CCW	SP	Ball	Open	60	Auto	83L4101 7021-11406	EA	1

DIRECT REPLACEMENT FOR - LENNOX CONT'D | LOMANCO

Lennox - OEM - Draft Inducers and Motors

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BRG	ENCL.	HZ	OVERLOAD	CAP. REQ.	DIRECT REPLACEMENT FOR	UOM	OM
A205	120	3000	0.7	1	CCW	SP	Sleeve	Open	60	Auto	—	19J0401 7021-8372 7021-9001 T6-2118	EA	1
A217	230	3000	0.83	1	CCW	SP	Ball	Open	60	Auto	—	25M5501 7021-11231	EA	1
A211	115	3400	2.35	1	CCW	SP	Ball	Open	60	Auto	—	81M1601 7021-11634	EA	1
A324	230	3200	0.44	1	CW	PSC	Ball	Open	60	Auto	Incl	28G6601 7062-1794	EA	1
A330	208-230	3200	0.55	1	CW	PSC	Ball	Open	60	Auto	Incl.	69M3301 97J8201	EA	1
A331	460	3200	0.38/0.33	1	CW	PSC	Ball	Open	60	Auto	—	69M3201 97J8101	EA	1



A331

Lennox - OEM - Motor & Torsion Flex Bracket

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
48937K	1/5	115	1050	6.50	3	CCWLE	5-1/2 x 1/2	5	SP	Sleeve	89C37 89C3701PR	EA	1



48937K

Lomanco - OEM - Motors and Fan Blades

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	DIA. (IN.)	ENCL.	MOUNT	DIRECT REPLACEMENT FOR	UOM	OM
70059	115	1100	3.40	1	CWSE	1/2 x 2	2-1/4	SP	Sleeve	5	Open	Lug	AO416B2059 AO510B2389 AO510B2497	EA	1



70059

CATALOG NO.	DIAM. (IN.)	BLADES	HUB LOCATION	BORE	PITCH (°)	ROTATION	NOTE	UOM	OM
FB99100	12	5	Discharge	1/2	33	CW	Used with 70059	EA	1



FB99100

DIRECT REPLACEMENT FOR - LOREN COOK | MANITOWOC

Loren Cook - OEM - Motors

CATALOG NO.	WATT	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	DIA.	ENCL	MOUNT	DIRECT REPLACEMENT FOR	UOM	OM
90254	5	1550	0.25	2	CWSE	5/16 x 2-3/8	2-3/4	PSC	Sleeve	3.3	OAO	Stud	615254	EA	1
90255	15	1550	0.40	2	CWSE	5/16 x 2-3/8	2-3/4	PSC	Sleeve	3.3	OAO	Stud	615255	EA	1
90220	1/114	1500	0.75	2	CWSE	3/8 x 2-3/4	2-3/8	SP	Sleeve	4.4	—	Thru Bolt	220/240	EA	1
90420	1/23	1500	1.50	1	CWSE	3/8 x 2-3/4	2-5/8	SP	Sleeve	4.4	—	Thru Bolt	420	EA	1
90320	1/16	1550	2.20	2	CWSE	3/8 x 2-1/2	2-5/8	SP	Sleeve	4.4	—	Thru Bolt	320/340	EA	1
90520	1/16	1200	1.50	1	CWSE	3/8 x 2-1/4	3	PSC Cap Incl.	Sleeve	5.12	—	Thru Bolt	520	EA	1
90620	1/11	1500	4.60	2	CWSE	1/2 x 6-1/4	3	SP	Sleeve	4.4	—	Lug Mount	620/640	EA	1
90E2A	1/8	1600	1.70	1	CWSE	1/2 x 3	3-1/2	PSC	Ball	5.63	OAO	Stud	C06E2A	EA	1
90720	1/4	1625	3.90	2	CWSE	1/2 x 6-1/4	3-3/8	PSC Cap Incl.	Sleeve	5.12	—	Lug Mount	720/740	EA	1



90255

Manitowoc - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL	MOUNTING	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
15020	35	115	1500	1.40	CWLE	1/4 x 1/2	3-3/8	TE	Double Foot Pads	60	002401591 002412373	EA	1
65020	35	115	1500	1.40	CWLE	1/4 x 1/2	3-3/8	TE	Double Foot Pads	50/60	002401591 002412373	EA	1



65020

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL	MOUNT	HZ	DIRECT REPLACEMENT FOR	UOM	OM
15041	50	230	1500	0.85	CWLE	3/8 x 1-1/2	3-5/8	Semi	Double Foot Pads	60	002412353	EA	1
65041	50	230	1500	0.85	CWLE	3/8 x 1-1/2	3-5/8	Semi	Double Foot Pads	50/60	002412353	EA	1



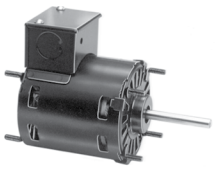
15041

DIRECT REPLACEMENT FOR - MCQUAY | NORDYNE

McQuay - OEM - Motors

CATALOG NO.	VOLTS	RPM	AMPS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
D1140	115	1500	2.20-2.00 -1.70	Double Shaft	5-5/8 x 3/8 x 5-5/8	4-3/4	PSC	Sleeve	3.3	879-382564B-00	EA	1
D1142	115/ 230	1500	1.70-0.90	CW	5/16 x 2-1/2	3-1/2	SP	Sleeve	3.3	879-382-562-ZB-00	EA	1

Notes: D1142 has special 3.15" bolt circle



D1142

Nordyne - OEM - Draft Inducers and Motors

CATALOG NO.	HP	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
65404	1/100	7/8	120	3000	0.69	1	SP	Ball	903404	EA	1



65404

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
A131	1/50	115	3000	1.1	1	CW	SP	Sleeve	3.3	4MH26 6212850 6217000 7021-10159	EA	1
A132	1/50	115	3000	1.1	1	CW	SP	Sleeve	3.3	4MH27 6212850 7021-10274 7021-10493	EA	1
A126	1/45	115	3000	1.8	1	CW	SP	Ball	C-Frame	6219500, 7002-3158	EA	1
A121	1/45	240	3000	0.5	1	CW	SP	Sleeve	3.3	6217930 7021-10381	EA	1



A126

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	ENCL	HZ	BEARING	DIRECT REPLACEMENT FOR	UOM	OM
66567	1/33	115	3000	0.43	1	CCWSE	PSC	Open	60	Ball	622567	EA	1



66567

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
A122	1/17	115	3000	1.75	1	CW	SP	Sleeve	3.3	6219490 7021-11227	EA	1
A124	1/15	115	3000	1.75	1	CW	SP	Sleeve	3.3	6219290 7021-11379	EA	1



A122

DIRECT REPLACEMENT FOR - NUTONE

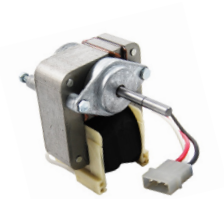
Nutone - OEM - Draft Inducers and Motors



65100

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	ENCL	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
82423K	1/2	120	2650	0.60	1	CWSE	7/32 x 1-1/2	1-5/8	SP	Sleeve	Open	89423-000	42, 106	EA	1
65100	1/2	120	3000	0.6	1	CCWSE	7/32 x 1-5/8	1-5/8	SP	Sleeve	Open	C65878	42, 105	EA	1
65106	3/4	115	3000	0.70	1	CCWSE	7/32 x 2 3/8	1-3/4	SP	Sleeve	Open	C68627	485	EA	1
65112	5/8	120	3000	0.76	1	CCWSE	7/32 x 1-3/4	1-5/8	SP	Sleeve	Open	—	104, 105	EA	1
65709	5/8	120	3000	0.8	1	CCWSE	7/32 x 2-3/8	1-3/4	SP	Sleeve	Open	C53709	108, 485	EA	1

Notes: **42.** Includes cord and plug **104.** Same as 65100 except mounting screws are on the shaft end
105. Includes A65100FB impeller **106.** Assembled with bracket as illustrated **108.** Has a one shot overload
485. Includes two prong plug



65101

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	ENCL	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
65104	3/4	120	3000	0.74	1	CCWSE	7/32 x 1-3/4	1-7/8	SP	Sleeve	Open	C66582	107	EA	1
65894K	3/4	120	3000	0.90	1	CCWSE	7/32 x 2-3/8	1-7/8	SP	Sleeve	Open	82229 K5894	42, 106	EA	1
65103	7/8	120	3000	0.71	1	CCWSE	7/32 x 1-1/4	2	SP	Sleeve	Open	C63675	485	EA	1
65101	7/8	120	3000	0.86	2	CWSE	7/32 x 1-5/16	2	SP	Sleeve	Open	C52367	110	EA	1
65105	7/8	120	3000	0.88	2	CCWSE	7/32 x 1-7/16	2	SP	Sleeve	Open	C27987	110	EA	1
65272	1	120	3000	1	1	CCWSE	7/32 x 1-1/2	2-1/8	SP	Sleeve	Open	C23272	485	EA	1



A65900

CATALOG NO.	BORE (IN.)	DIAM. (IN.)	WIDTH (IN.)	BORE	DIRECT REPLACEMENT FOR	UOM	OM
A65900	1/4	5-3/4	2	D Shape	59000A000	EA	1
A65100FB	7/32	4-9/16	—	D Shape	68920	EA	1

Notes: **41.** 1-1/8" Hubs **42.** Includes cord and plug **482.** Two prong plug and cord attached
529. Complete assembly, motor, mounting flange and blower wheel

DIRECT REPLACEMENT FOR - OASIS | PENN VENTILATOR | PENNVENT | REZNOR

Oasis - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTA.	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	ENCL.	HZ	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
10037	5	115	1550	0.34	CWLE	1/4 x 1/2	2-3/8	SP	TE	60	Double Foot Pads	027354-026 027354-037	EA	1



10037

Penn Ventilator - OEM - Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	DIA. (IN.)	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
D0343	1/40	115	1550/1050	1.40/0.60	CCWLE	1/3 x 5-3/4	2-1/4	SP	3.3	Open	56343-0 JA2M414-T	EA	1
OPV747	1/7-1/11 -1/25	115	1550/1300/ 1050	2.50/2.10 /1.60	CCWLE	1/2 x 2-1/2	4-1/4	PSC	5	Open	63747-0 DE2F7085-T	EA	1
OPV748	1/6-1/12 -1/20	115	1550/1300/ 1050	2.10/1.90 /1.40	CCWLE	1/2 x 2-3/5	4-1/4	PSC	5	Open	63748-0 DE2F7088-T	EA	1
D0746	1/12	115	1550/1300	1.50/0.90	CCWLE	1/3 x 3-1/3	3-5/6	PSC	3.3	Open	63746-0 JE2H057-T	EA	1



OPV747

PennVent - OEM - Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
D0346	1/14	115	1550	3.6/2.5	2	CWSE	3/8 x 5-3/8	4.74	Sleeve	Bracket	46346 JE2K007	EA	1



D0346

Reznor - OEM - Motors and Blower Wheels

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG	ENCL.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
66505	1/10	115/ 208/ 230	3000	1.40/ 0.80	1	Rev.	5/16 x 3-1/4	4-1/4	PSC	Ball	Open	3.3	CW175-40069 CCW505-43424 CCW175-40070 7162-0293 7162-0348 7162-0294 CCW77162-0311 CCW175-43846 CW7162-0224 CW36860	EA	1
40066	1/6	115	1075	2.40	1	Rev.	1/2 x 3-3/8	4 1/2	PSC	Ball	TE	5-5/8	55682	EA	1



40066

DIRECT REPLACEMENT FOR - RHEEM

Rheem - OEM - Transformers, Draft Inducers and Motors

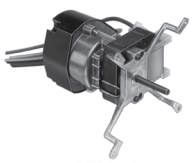
CATALOG NO.	PRIMARY VOLTAGE	VA RATING	SECONDARY RATING	MOUNTING OPTION	CONNECTION	DIRECT REPLACEMENT FOR	UOM	OM
PF12406	120	40VA	24	Foot	Wire Lead	46-24124-06	EA	1
PF85602	120	50VA	24	Foot	Wire Lead	46-102856-02	EA	1



PF12406

CATALOG NO.	PRIMARY VOLTAGE	SECONDARY RATING	OUTPUT OPTION	MOUNTING OPTION	CONNECTION	DIRECT REPLACEMENT FOR	UOM	OM
PF90501	208/240	40VA	24	Foot	1/4" QC Term.	46-101905-01	EA	1

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	TYPE	BRG.	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
21964K	3/4	208-230	3000	0.25	1	CWSE	1/4 x 1-1/2	SP	Sleeve	Open	51-21964-11	EA	1
K628	3/4	208-230	3000	0.25	1	CWSE	1/4 x 1-1/2	SP	Sleeve	Open	51-21964-01	EA	1



K628

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
66781	1/50	115	3000	0.60	1	CWLE	PSC	Ball	Open	70-101087-81 70-21496-83 70-24157-03 7021-11559	EA	1
A090	1/50	115	3000	1.10	1	CW	SP	Sleeve	Open	74-70-21496-01 7021-5239 JAIM102	EA	1



66781

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	ENCL.	TYPE	BEARINGS	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
A242	1/50	115	3400	1.36	1	CW	Open	SP	Sleeve	3.3	7021-7150 70-22436-01	EA	1
A247	1/40	115	3250/ 3800	0.95	2	CW	Open	PSC	Sleeve	3.3	7062-5519	EA	1
66847	1/30	120	3000	1.70	1	CCWLE	Open	SP	Ball	C Frame	117104-01 117847-07 70-22838-82 70-24157-03	EA	1
A066	1/30	120	3000	1.27	1	CW	Open	SP	Ball	3.3	117847-07 70-24157-03	EA	1
A086	1/25	115	3200	1.3	1	CW	Open	SP	Sleeve	3.3	7021-5990 7021-5853	EA	1



A242

DIRECT REPLACEMENT FOR - RHEEM CONT'D

Rheem - OEM - Transformers, Draft Inducers and Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	ENCL.	TYPE	BRG.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
82641	1/25	208-230	3200	0.25	1	CWSE	Open	PSC	Ball	3.3	70-23641-81 70-23563-02 70-23586-01 70-23586-81	EA	1
A241	1/25	208-230	3200	0.62	1	CW	Open	SP	Sleeve	3.3	70-23641-81	EA	1
A246	1/20	115	3400/2400	0.85	2	CW	Open	PSC	Ball	3.3	70-24206-01 7062-3925	EA	1
A136	1/20	115	3450	0.75	1	CW	Open	PSC	Sleeve	3.3	7062-3861	EA	1
A244	1/20	208-230	3300	0.85	1	CCW	Open	SP	Ball	3.3	7021-6967 70-42241-01	EA	1
A245	1/15	208-230	3000	.95/.85	1	CW	Open	SP	Ball	3.3	7021-7490 70-42278-02	EA	1



82641

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
80825	1/8	208-230	825	1.00	1	Rev.	1/2 x 6-1/2	4	PSC	Ball	5-5/8	21276-02 21276-01 512076-01	EA	1
60825	1/6	208-230	825	1.1-10	1	Rev.	1/2 x 6-1/2	4-1/4	PSC	Ball	5-5/8	51-20760-11 51-20763-01 51-20763-02	EA	1



80825

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIM.(IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
63382	1/5	208-230	1075	1.4	Rev.	1/2 x 4-3/8	3-3/4	PSC	Ball	5-5/8	51-21853-82 KA55HXMPT-6557 51-20672-01 51-20673-01 51-20674-01 51-20675-01 51-20679-01 51-20680-01 51-20681-01 51-20682-01 51-21826-01	EA	1



63382

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

DIRECT REPLACEMENT FOR - RHEEM CONT'D

Rheem - OEM - Transformers, Draft Inducers and Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG.	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
D743	1/5	208-230	1075	1.20	Rev.	1/2 x 6	3-1/2	PSC	Sleeve	5-5/8	95-3154	EA	1
D2840	1/5	208/230	1075	1.30	CW	1/2 x 4-1/8	3-3/4	PSC	Sleeve	5-5/8	51-21853-82	EA	1
D742	1/4	208-230	1075	2.10	Rev.	1/2 x 6	4	PSC	Sleeve	5-5/8	—	EA	1
D2850	1-3/4	208-230/ 460 (60Hz) 200/ 380-415 (50Hz)	1125/ 950	4.60/ 2.30	CW	1/2 x 3.45	6-1/2	PSC	Ball	5-5/8	5KCP39SFL153DS MOT05717 X70671180017 X70670706010 MOT03771	EA	1
D2851	1-3/4	208-230/ 460 (60Hz) 200/ 380-415 (50Hz)	1125/ 950	4.60/ 2.30	CW	1/2 x 3.45 Keyed	6-1/2	PSC	Ball	5-5/8	5KCP39SFL153DS MOT09188 MOT09192 X7067165301 X70671656010	EA	1



D2850

Rheem - OEM - Transformers, Draft Inducers and Motors

CATALOG NO.	RPM	VOLTS	MODEL NO.	CAP. REQ.	F.L. AMPS	WT (LBS.)	FRAME LENGTH (IN.)	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	DIRECT REPLACEMENT FOR	NOTES	UOM	OM
X033	1075/4	115	048A11O1674	5MFD/ 370V	6.1	16	5	1/2 x 5	5	Rheem Time-Savers, Emerson K55HXMDA-4122 Rheem / Ruud 51-23012-41	31	EA	1



X033

Notes:
31. 5/8″ thru-bolts, shaft end

DIRECT REPLACEMENT FOR - SCOTSMAN | SKYMARK | STERLING | SUB ZERO

Scotsman - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	ENCL.	MOUNTING	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
15001	25	115	1500	1.10	CWLE	1/4 x 1/2	3-3/8	TE	Double Foot Pads	60	18-7200-01	EA	1
15040	50	115	1500	1.70	CWLE	3/8 x 1-1/2	3-5/8	Semi	Double Foot Pads	60	18-5105-11	EA	1
15041	50	230	1500	0.85	CWLE	3/8 x 1-1/2	3-5/8	Semi	Double Foot Pads	60	18-5105-02	EA	1
65040	50	115	1500	1.70	CWLE	3/8 x 1-1/2	3 5/8	Semi	Double Foot Pads	50/60	18-5105-11	EA	1
65041	50	230	1500	0.85	CWLE	3/8 x 1-1/2	3 5/8	Semi	Double Foot Pads	50/60	18-5105-02	EA	1



65041

Skymark - OEM - Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
A251	1/35	208-230	3000	1.10	1	CCW	SP	Sleeve	Open	MTR136PK 7021-9136	EA	1



A251

Sterling - OEM - Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	BEARINGS	MOUNT	DIRECT REPLACEMENT FOR	UOM	OM
90766	1/20	115	1650	1.9	1	CWSE	5/16 x 3	2.68	Sleeve	Stud	J31-04766	EA	1
90871	1/20	120	1000	1.4	1	CWSE	3/8 x 3-1/2	2.58	Sleeve	Stud	J31-01871	EA	1
90872	1/12	115	1000	2.2	1	CWSE	3/8 x 3-1/2	3.08	Sleeve	Stud	J31-01872	EA	1
90091	1/10	120	1000	2.6	1	CWSE	3/8 x 3	2.58	Sleeve	Stud	J31-04091	EA	1



90766

Sub Zero - OEM - Motors

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	MATERIAL	HZ	MOUNTING	DIRECT REPLACEMENT FOR	UOM	OM
65740	2.3	115	1300	0.2	CWLE	1/4 x 1/2	2.48	Alum.	50/60	Double Foot Pads	4200740	EA	1

Notes: Uses pin terminals for quick and easy connection



65740

DIRECT REPLACEMENT FOR - TAPPAN | TECUMSEH | TRADEWINDS

Tappan - OEM - Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
A073	1/40	115/ 230	3000	0.7/0.35	1	CCW	SP	Ball	3.3	82932 11429-32 HQ6D1023UN 8251560133 4MH13	EA	1



A073

Tecumseh - OEM - Draft Inducers

CATALOG NO.	WATTS	VOLTS	RPM	AMPS	ROTATION	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR.	ENCL.	HZ	DIRECT REPLACEMENT FOR	UOM	OM
15020	35	115	1500	1.40	CWLE	1/4 x 1/2	3-3/8	SP	Unit	TE	60	810M035A29	EA	1
65020	35	115	1500	1.40	CWLE	1/4 x 1/2	3-3/8	SP	Unit	TE	50/60	810M035A29	EA	1
15021	35	230	1500	0.70	CWLE	1/4 x 1/2	3-3/8	SP	Unit	TE	60	810M035A21 810M035A28	EA	1
65021	35	230	1500	0.70	CWLE	1/4 x 1/2	3-3/8	SP	Unit	TE	50/60	810M035A21 810M035A28	EA	1
15045	50	230	1500	0.85	CCWLE	5/16 x 2-1/2	3-3/4	SP	Unit	Open	60	810M050A62	EA	1
65045	50	230	1500	0.85	CCWLE	5/16 x 2 1/2	4	SP	Unit	Open	50/60	810M050A62	EA	1



15020

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR	DIA. (IN.)	ENCL.	HZ	DIRECT REPLACEMENT FOR	UOM	OM
OTC6004	1/20	230	1500	1.11	CCWSE	5/16 x 2-1/2	3-1/16	SP	Sleeve	5	Open	50/60	810S037B01	EA	1
OTC6001	1/15	230	1500	1.30	CCWLE	5/16 x 2-3/4	3-1/16	SP	Sleeve	5	Open	50/60	810S050A99	EA	1



OTC6004

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTA.	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEAR	DIA. (IN.)	ENCL.	HZ	DIRECT REPLACEMENT FOR	UOM	OM
OTC1862	1/4	230	1625	1.90	CWLE	1/2 x 2-3/4	4-3/8	PSC	Ball	5-5/8	Open	50/60	TFM1862 8330 KA55HXKGD8330	EA	1
OTC1864	1/4	460	1625	0.95	CWLE	1/2 x 2-3/4	4-3/8	PSC	Ball	5-5/8	Open	50/60	TFM1864 8331 KA55HGE8331	EA	1



OTC1864

Tradewinds -OEM - Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROTA.	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
82324	1/25	115	1550	2.10	CWLE	1-7/8 x 5/16 x 1-7/8	3	SP	Sleeve	3.3	19-09-215 324	EA	1

Note: 1-1/8" hubs



82324

DIRECT REPLACEMENT FOR - TRANE

Trane - OEM - Draft Inducers and Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
A270	1/15	208-230	3350/2800	0.42/0.5	2	CCW	PSC	Ball	50/60	X38040369010 7062-5033	EA	1
A272	1/12	208-230	3500	0.65	2	CW	PSC	Ball	50/60	X38040309-01 7062-3971	EA	1
A273	1/8	208-230	3500	0.62	2	CW	PCS	Ball	50/60	X38040310-01 7062-3972	EA	1



A270

Trane - OEM - Draft Inducers and Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
A193	1/35	208-240	3480	0.59/0.5	1	CCW	SP	Ball	60	X38040050010 7021-8591	EA	1
A360	1/25	115	2700	1.0	2	CW	SP	Ball	60	D341663P01 7002-2532 D341095P01 7002-3274	EA	1
A196	1/25	115	3200	1.35	1	CW	SP	Sleeve	60	X38040313060 X38040313027 D342094P02	EA	1
A274	1/24	208-230	3500	0.28	1	CW	PSC	Ball	50/60	X38040311-01 7062-3973	EA	1
A368	1/20	115	3200	0.8	2	CW	PSC	Sleeve	60	D340623P01 7062-3782	EA	1
A130	1/20	115	3450	0.7	1	CW	PSC	Sleeve	60	X38040313037 D330757P03 D330757P035 21D340365P03	EA	1
A271	1/18	208-230	3500	0.62	2	CW	PSC	Ball	50/60	X38040308-01 7062-3969	EA	1
A195	1/16	115	3400	1.75	1	CW	SP	Ball	—	X38040313070 D342094P03 D330757P03	EA	1



A271

DIRECT REPLACEMENT FOR - TRANE CONT'D

Trane - OEM - Draft Inducers and Motors

CATALOG NO.	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
66787	120	3100	1.3	1	CCWLE	SP	Ball	BLW473 21C138126 210330673 21D330673 210340125 787P01	EA	1



66787

Note: Includes special plug

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
A146	1/100	115	3000	1.0-0.35	2	CW	SP	Sleeve	7021-7986 X3804276047 7021-8925 7002-2531	EA	1



A146

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
A370	1/100	208-230	2920	0.18	2	CCW	PSC	Ball	C664099P01 7062-3918	EA	1
A194	1/80	115	3000/1950	1.0/0.5	2	CW	SP	Sleeve	X38020420017 7021-9561 D330900P01 7021-9511	EA	1



A370

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
A198	1/45	115	3000	1.75	1	CW	SP	Ball	D342077P01 7058-0259	EA	1
A260	1/45	115	3250	1.0	1	CW	SP	Ball	D342077P03 7058-0261	EA	1



A198

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
A369	1/45	208-230	2800	0.34	2	CCW	PSC	Ball	60	C663946P01 7062-3915	EA	1
A361	1/42	115	3000	1.6	1	CW	SP	Ball	60	D330787P01 7002-2558	EA	1



A361

DIRECT REPLACEMENT FOR - TRANE CONT'D

Trane - OEM - Draft Inducers and Motors


A197

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIRECT REPLACEMENT FOR	UOM	OM
A197	1/70	33-110	1500/ 4700	1.0	VAR	CW	3 Phase	Ball	X38010571010 D342097P01 7092-0238	EA	1
A069	1/70	208-230	3000	0.5	1	CCW	SP	Sleeve	38040252 X3804025202 7021-10259 X38040252017	EA	1
A276	1/55	115	3000	1.0	1	CW	SP	Sleeve	D330757P01 7021-9011	EA	1
A143	1/50	115	3000	0.95	1	CW	SP	Sleeve	210330673 R7-RFB143 210340125 7021-8428 X38040305017 D330809P01	EA	1


82057

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	HZ	DIRECT REPLACEMENT FOR	UOM	OM
A362	1/42	115	3000	1.6	1	CW	SP	Ball	60	D341663P05 7002-3273	EA	1
82057	1/40	115	3000	1.00	1	CCWSE	SP	Ball	60	X38040253057 7021-8569	EA	1
A192	1/40	115	3000	1.00	1	CCW	SP	Ball	60	7021-8569 X38040253057	EA	1
A150	1/35	208-230	3000	0.50	1	CCW	SP	Sleeve	60	C661452P01 21C729631P1 X38080029010 BLW-451	EA	1
A269	1/35	208-230	2500/ 3000	0.58/0.6	1	CCW	SP	Ball	50/60	X38040363010 7021-11054	EA	1
A373	1/35	208-230	3000	0.6	1	CCW	SP	Ball	60	C665662P01 7021-9396	EA	1


D895

CATALOG NO.	HP	VOLTS	RPM	AMPS	ROT	SHAFT DIM. (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BRG.	DIA. (IN.)	CAP. REQ.	DIRECT REPLACEMENT FOR	UOM	OM
D895	1/8	208-230	1650	0.80	CW	1/2 x 1-1/2	3-1/4	PSC	Sleeve	5-5/8	—	5KCP39BGR426S MOT6363	EA	1
OTR4513	1/8	208-240	1550	0.80-0.90	CCWLE	1/2 x 3-1/8	3-3/8	PSC	Sleeve	5	Incl.	5KSP29DK1728S MOT-3438	EA	1
41728	1/8	230	1550	1.10	CWSE	1/2 x 3	3-1/8	PSC	Sleeve	5	Incl	WW94X236SP WW94X936PSC MOT-3438	EA	1
D1050A	1/8	230	1550	1.10	CW	1/2 x 3	3-1/4	PSC	Sleeve	5	Incl	WW94X236SP WW94X936PSC	EA	1

DIRECT REPLACEMENT FOR - VENTLINE | WHIRLPOOL | WILLIAMSON | YORK

Ventline - OEM - Motors

CATALOG NO.	STACK SIZE (IN.)	VOLTS	RPM	AMPS	SPEEDS	ROT	SHAFT DIM. (IN.)	TYPE	BEAR.	ENCL.	HERTZ	DIRECT REPLACEMENT FOR	UOM	OM
65110K	1/2	120	3000	0.41	1	CWSE	Splined	SP	Sleeve	Open	60	J238-050-5330	EA	1

Notes: Includes 6 1/2" fan blade. Used on ventline found in many mobile homes



65110K

Whirlpool - OEM - Motors

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	SHAFT DIMENSION (IN.)	LENGTH LESS SHAFT (IN.)	TYPE	BEARINGS	DIA. (IN.)	UOM	OM
82516PK	1/15	115	1550	2.50	3	CCWLE	3-1/4 x 5/16 x 3-1/4	3-1/4	SP	Sleeve	3.3	EA	1



82516PK

Williamson - OEM - Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROTATION	TYPE	BEARINGS	DIA. (IN.)	DIRECT REPLACEMENT FOR	UOM	OM
A080	1/45	115	3000	1.1	1	CW	SP	Sleeve	3.3	D6996403 D6996404 7021-10263	EA	1



A080

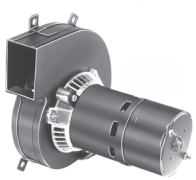
York - OEM - Draft Inducers

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BRG	ENCL.	HZ	DIRECT REPLACEMENT FOR	UOM	OM
82702	1/50	115	3000	1.2	—	CCWSE	SP		Open	60	373-10337-702 7021-8612	EA	1



82702

CATALOG NO.	H.P.	VOLTS	RPM	AMPS	SPEEDS	ROT.	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
A144	1/40	208-230	3000	0.5	1	CW	SP	Sleeve	Open	7021-6770 024-24115-014	EA	1
A221	1/40	208-230	3000	0.55	1	CCW	SP	Sleeve	Open	026-30614-700 026-31221-700 026-32067-700	EA	1



A144

DIRECT REPLACEMENT FOR - YORK CONT'D

York- OEM - Draft Inducers and Blower Wheels

CATALOG NO.	H.P.	VOLTS	RPM	AMPS	SPEEDS	ROT.	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
A154	1/30	115	3000	1.2	1	CW	SP	Sleeve	Open	024-27519-000 7021-10300 7021-9428	EA	1
82999	1/30	208-230	3200	0.65	1	CWSE	SP	Sleeve	Open	026-33999-001 7021-10096 7021-9656	EA	1
A223	1/30	208-230	3200	0.64	1	CW	SP	Sleeve	Open	026-33999-001 7021-10096 7021-9656	EA	1
A229	1/25	115	3000	1.75	1	CW	SP	Ball	—	024-32052-000 024-32085-000 7058-0267	EA	1
A228	1/25	115	3000	2.0	1	CW	SP	Ball	—	024-31957-000, 024-32085-000 7002-3285 7002-2941	EA	1
A137	1/25	115	3450	0.70	1	CW	PSC	Sleeve	Open	024-25007-000 024-25007-700 024-25057-000	EA	1
A165	1/25	115	3450	0.70	1	CW	PSC	Ball	Open	024-25960-000 7062-3958	EA	1
A227	1/25	115	3450	0.7	1	CW	PSC	Sleeve	Open	024-27641-000 373-20717-001	EA	1



A229

CATALOG NO.	HP	VOLTS	RPM	AMPS	SPEEDS	ROT	TYPE	BRG	ENCL.	DIRECT REPLACEMENT FOR	UOM	OM
A168	1/20	115	3450	0.7	1	CW	PSC	Ball	Open	20000101 7062-1881 7062-3136	EA	1
A230	1/20	115	3450	0.8	2	CW	PSC	Sleeve	Open	024-31953-000 7021-5094	EA	1
A225	1/15	115	3200	2.25	1	CW	SP	Ball	Open	024-34558-000 17503 7021-11577 7021-11830	EA	1
A234	1/12	208-230	3200	0.5	1	CW	PSC	Ball	Open	026-39532-000 7062-5155 7062-5267	EA	1



A225

CATALOG NO.	DIA. (IN.)	WIDTH (IN.)	ROTATION	BORE (IN.)	MAX RPM	DIRECT REPLACEMENT FOR	UOM	OM
BW16626	3.82	2.05	CW	3/8	3600	026-32626-700	EA	1
BW16623	4	1	CCW	1/4	3600	026-32623-700 S1-02632623700	EA	1

Notes: Stainless steel



BW16626

CATALOG NO.	DIAM.	DIRECT REPLACEMENT FOR	UOM	OM
A60459	11 Bolt Circle	326-31459-000 02626372000 37308073700 3730807300	EA	1



A60459

SIEMENS - CONTROLS

OpenAir® GCA Series Spring Return

160 lb-in Electronic Damper Actuators

Designed for control of building HVAC dampers, the OpenAir GCA Series Direct-coupled, Spring Return Electronic Actuators are available in 0 to 10 Vdc or 2 to 10 Vdc modulating, floating and two-position (on/off) control models.



GCA161.1P

SIEMENS

Features

- 24 Vac/dc compatible
- Visible position indication
- Self-centering shaft coupling
- Bidirectional fail-safe spring return
- Rugged all metal housing
- Accepts shaft diameters up to 1" (25 mm)
- Quiet, low-power operation
- Brushless DC motor technology with stall protection
- Assembled in the U.S.A.
- Manual override
- Precabled
- All modulating types contain built-in feedback

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
GCA161.1P	Spring Return, 160 lb-in, 24Vac/dc, 0-10Vdc Control, 90s Run, Feedback, Plenum	Belimo AF Series	EA	1
GCA161.1U	Spring Return 160 lb-in (18Nm), 24Vac/dc, 0-10 Vdc Control, 90sec Run, Feedback	Belimo AF Series	EA	1

OpenAir® GMA Series Spring Return

62 lb-in, Rotary, Electronic Damper Actuators

The OpenAir GMA Series Direct-coupled, Spring Return Electronic Damper Actuators provide modulating, two position and floating control of building HVAC dampers.



GMA121.1U

SIEMENS

Features

- 24 Vac/dc compatible
- Integral 1/2-inch conduit connector
- Small actuator footprint with 62 lb.-in. of torque
- Bi-directional fail-safe spring return
- Unique self-centering shaft coupling
- Floating control models available with feedback potentiometer
- Manual override
- Mechanical range adjustment capability
- Easily visible position indicator
- Brushless DC motor technology
- Precabled
- UL60730, cUL (C22.2 No. 24-93), and CE listed
- All modulating types contain built-in feedback
- Assembled in the U.S.A

Options

- Dual independently adjustable auxiliary switch
- Adjustable offset and span
- Signal inversion

CATALOG NO.	DESCRIPTION	DIRECT REPLACEMENT FOR	UOM	OM
GMA121.1U	Spring Return, 62 lb-in (7 Nm), 24 Vac/dc, 2-position Control, 90 sec Run	Belimo AF Series	EA	1
GMA161.1P	Spring Return, 62 lb-in 24 Vac/dc, 0-10 Vdc Control, 90 sec Run, Feedback, Plenum	Belimo LN/NF Series	EA	1

Application

The OpenAir GMA Series Damper Actuators are ideal for constant or variable air volume installations for the control of return air, mixed air, exhaust, and face and bypass dampers that require up to 62 lb.-in. of torque. The actuators are designed for applications where the damper is required to return to a fail-safe position when there is a power failure. Models are available with either an appliance cable for wiring in conduit or a plenum-rated cable.

SIEMENS - CONTROLS

OpenAir® GDE Series Electric Damper Actuator

Non-spring Return, 24 Vac Floating Control, Rotary

The OpenAir GDE Series Direct-coupled Non-Spring Return Rotary Electronic Actuator is designed for 0 to 10 Vdc or 2-position/floating control of building HVAC dampers



GDE131.1P

SIEMENS

Features

- Compact design
- Easy-to-see position indicator
- Self-adapting capability for maximum flexibility in damper positioning
- Assembled in the U.S.A.
- Quiet operation
- Rated NEMA 2
- Energy efficient
- UL, cUL, CE listed
- Manual override
- Modulating actuators contain built-in feedback
- N Versions designed for under floor installation (pluggable cable connections)

CATALOG NO.	DESCRIPTION	UOM	OM
GDE131.1P	Non-spring Return, 44 lb-in (5Nm), 24 Vac, Floating Control, 90sec Run, Plenum	EA	1
GDE161.1P	Non-spring Return, 44 lb-in (5Nm), 24 Vac, 0-10 Vdc Control, 90sec Run, Plenum	EA	1

Application

The OpenAir GDE Series Damper Actuators are used in Constant or Variable Air Volume installations for the control requiring up to 44 lb.-in. (5 Nm) torque.

OpenAir® GGD Electronic Damper Actuator

Designed for UL Listed Fire/Smoke and Smoke Control Dampers

The OpenAir direct-coupled, fast-acting, two-position, spring return electronic actuators are available as 24 Vac, 115 Vac, and 230 Vac models. They are intended for use on UL listed smoke control dampers or combination fire/smoke rated dampers.



GGD221.1U

SIEMENS

Features

- High temperature rated drive system.
- Reversible fail-safe spring return.
- All metal housing.
- Teflon® insulated lead wires.
- Mechanical range adjustment.
- Multiple shaft couplings available; will accommodate up to 1.05-inch shafts.
- Fifteen second nominal open time; 15-second nominal spring return time.
- Fixed dual end switches models available: 5° and 85°

CATALOG NO.	DESCRIPTION	UOM	OM
GGD221.1U	Spring Return, 142 lb-in, 120Vac, 2-pos Control, 15sec Run Time, Fire/Smoke	EA	1

Application

This actuator is used for the control of dampers requiring up to 142 lb-in (16 Nm) driving torque. It is intended for control of UL listed smoke control dampers or combination fire/smoke HVAC dampers. This actuator is designed to meet the 1999 revisions to the UL 555S and AMCA 500-D specifications. Minimum stall torque 350 lb-in.

SIEMENS - CONTROLS

OpenAir® GND Series UL Smoke Electronic Damper Actuators

Spring Return, 24 Vac, 53Lb, Modulating Control

Intended for use on UL listed smoke control dampers and combination fire/smoke rated dampers, the OpenAir GND Series Direct Coupled, Fast-Acting, Two-position, Spring Electronic Actuators are available in 24 Vac/dc, 120 Vac, and 230 Vac models.



GND221.1U

SIEMENS

Features

Manual override
24 Vac/dc, 120 Vac and 230 Vac models available
Reversible fail-safe spring return
All metal housing
Pre-cabled Teflon® insulated lead wires
Fifteen-second operation at rated torque, temperature and voltage

CATALOG NO.	DESCRIPTION	VOLTAGE	UOM	OM
GND221.1U	Spring Return, UL Smoke, Fire/Smoke, 53 lb-in, 120Vac, 2-pos Control, 15s Run	Damper Actuators SR, UL Smoke	EA	1

Application

The GND Series Spring Return Electronic Actuator is used for the control of dampers requiring up to 53 lb-in (6 Nm) driving torque. It is intended for control of UL listed smoke control dampers and combination fire/smoke HVAC dampers. This actuator is designed to meet the 2002 revisions to the UL 555/555S and the AMCA Standard 520 specifications.

Variable Frequency Drive



BT300-003X2-01X

SIEMENS

Features

Motor Switch Ride Through
Thin Film Capacitors
View/Monitor nine parameters at one time
Smallest Type 12 footprint on the market

CATALOG NO.	VOLTAGE	DESCRIPTION	HP	KW	UOM	OM
BT300-003X2-01X	208 Vac to 240 Vac (3-Phase)	4	3	2.2	EA	1
BT300-005X2-01X		5	5	4	EA	1
BT300-00752-01X		5	7.5	5.5	EA	1
BT300-010X2-01X		5	10	7.5	EA	1
BT300-015X2-01X		6	15	11	EA	1
BT300-00154-01X	380 Vac to 500 Vac (3-Phase)	4	1.5	1.1	EA	1
BT300-003X4-01X		4	3	2.2	EA	1
BT300-005X4-01X		4	5	4	EA	1
BT300-00754-01X		4	7.5	5.5	EA	1
BT300-010X4-01X		5	10	7.5	EA	1
BT300-015X4-01X		5	15	11	EA	1
BT300-020X4-01X		5	20	15	EA	1
BT300-025X4-01X		6	25	18.5	EA	1

SIEMENS - CONTROLS

599 Series 2-Way Ball Valves



599-10078

SIEMENS

The 599 Series 2-Way Ball Valves are coupled with OpenAir™ actuators to provide equal percentage flow control. The Ball Valves are 1/4-turn rotary control valves.

Features

200 psi close-off with ANSI Class IV leakage for all line sizes and actuators.
Available with chrome-plated brass ball and brass stem or stainless steel ball and stem.
Blow-out proof stem withstands high pressure.
Universal mounting plate.
Actuator and plate can be rotated (90 degree increments).
Standoffs provide a thermal barrier between the actuator and the mounting plate.
Operating handle for manual operation.

CATALOG NO.	DESCRIPTION	UOM	OM
599-10078	Ball Valve Bracket Kit	EA	1
599-10302S	2-Way 1/2", 1 Cv ball valve, stainless steel ball & stem, 200psi close-off, NPT	EA	1



171A-10300

SIEMENS

CATALOG NO.	DESCRIPTION	UOM	OM
171A-10300	2W 1/2", 0.4Cv ball valve assy, chrome-plat brass ball & brass stem, float NSR	EA	1
171C-10301S	2W 1/2", 0.63Cv ball valve assy, stainless steel ball and stem, 0-10V NSR	EA	1
171C-10302S	2W 1/2", 1Cv ball valve assembly, stainless steel ball and stem, 0-10V NSR	EA	1
171C-10303	2W 1/2", 1.6Cv ball valve assy, chrm-plat brass ball & brass stem, 0-10V NSR	EA	1
171C-10304S	2W 1/2", 2.5Cv ball valve assy, stainless steel ball and stem, 0-10V NSR	EA	1
171C-10308	2W 3/4", 6.3Cv ball valve assy, chrome-plat brass ball, brass stem, 0-10V NSR	EA	1

Electric to Pneumatic Transducer and Enclosures



545-113

SIEMENS

The AO-P transducer converts an electronic signal into a linear pneumatic signal for the accurate positioning of valve and damper actuators typically used in heating and air conditioning systems. The transducer is available in two different mounting styles: Remote Mount with its own integral enclosure and conduit connection; or Panel Mount for mounting in control cabinet applications. The transducer includes provisions for manual override, and does not require calibration.

Features

Insensitive to vibration and mounting position to allow mounting directly on equipment and give stable performance
Hand-Auto switch and override dial allow for manual control of output pressure for troubleshooting and emergencies
Optional electrical connections to remotely monitor
High capacity, non-bleed device
Hand-Auto switch position and output pressure
Accurate and repeatable output pressure signal
Easy to install, no setup or calibration is required
The unit can be mounted directly on the wall or equipment without an additional enclosure to reduce cost
Factory installed 0 to 30 psi (0 to 207 kPa) gauge is included

CATALOG NO.	DESCRIPTION	UOM	OM
545-113	Electronic-to-Pneumatic Transducer, Panel Mount, Hand-Auto Sw, Override Dial	EA	1

SIEMENS - CONTROLS

Series 1000 Room Temperature Sensors

These sensors work with the Terminal Equipment Controller (TEC) and LONMARK® compliant Terminal Equipment Controller (LTEC). The sensors use a 10K ohm thermistor to detect temperature. The effective sensing range is 55°F to 95°F (13°C to 35°C).

CATALOG NO.	DESCRIPTION	UOM	OM
540-680FA	Room Temp Sensor, Sensing w/ Override, Setpoint, Fahrenheit Display, Beige	EA	1
540-680FB	Room Temp Sensor, Sensing w/ Override, Setpt, Fahrenheit Display, White	EA	1



540-680FA

SIEMENS

Series QAA2200 Room Temperature Sensors

Series QAA2200 Room Temperature and Series QFA3200 Room Humidity + Temperature sensors are engineered to enable accurate and efficient control of room comfort. A wide variety of output signals is available for compatibly with nearly any control system. The patented housing design seamlessly blends into any décor and features strategically placed ventilation slots to maximize airflow and optimize accuracy.

Features

Universal signal formats for compatibility with any HVAC control system
Compact, low profile design seamlessly blends into any decor
Units with display feature a configurable OLED readout
Strategically placed ventilation slots optimize airflow for fast response and superior control
Includes installation hardware for mounting on 2in x 4in electrical box or directly to drywall

CATALOG NO.	DESCRIPTION	UOM	OM
QAA2280.FWSC	Room Temp Sensor, Full Feature, Siemens Logo, Tool Port, TEC Controllers	EA	1



QAA2280.FWSC

SIEMENS

TH 188 Unit Mounted Thermostats

The TH 188 Unit Mounted Thermostat is a remote bulb, gradual acting pneumatic instrument that maintains a pre-selected temperature by positioning pneumatic devices that control a heating or cooling medium.

Features

Liquid filled sensing element
Direct acting (DA), reverse acting (RA), and heating-cooling models (HC)
Mounting bracket provided

CATALOG NO.	DESCRIPTION	UOM	OM
188-0030	Thermostat, Pneumatic, Unit Mounted, DA/RA, Heat/Cool, Liquid Filled Bulb	EA	1



188-0030

SIEMENS

SIEMENS - CONTROLS

Liquid Immersion Temperature Sensors Component Kit

The Component Kit is designed for installation into a 2-1/2-inch, 4-inch, or 6-inch well (well not included). The sensor in the kit provides a temperature input to a controller.

CATALOG NO.	DESCRIPTION	UOM	OM
AQE2000.005	Immersion Well, 2.5"	EA	1
AQE2000.010	Immersion Well, 4" Kit	EA	1
AQE2012	Immersion Well, PT 1000 OHM, (385)	EA	1



AQE2000.005

SIEMENS

Accessories and Spare Parts for Air Damper Actuators

CATALOG NO.	DESCRIPTION	UOM	OM
ASC77.2U	OpenAir External Auxiliary Switch.ttt	EA	1
ASK71.11	Foot/Frame Mount Kit, Rotary to Linear Crank Arm GEB and GMA OpenAir Actuators	EA	1
ASK71.2U	Frame Mount Kit	EA	1
ASK71.5	Rotary to Linear Kit can be used with OpenAir™ GDE and GLB Damper actuators.	EA	1
ASK71.9	Crank Arm, Universal	EA	1
ASK74.1U	Shaft Adapter, Special	EA	1
ASK75.1U	Weathershield Kit, OpenAir GCA, GBB, GIB Series Damper Actuators	EA	1
ASK75.3U	Weathershield Kit, OpenAir GEB and GMA Series Damper Actuators	EA	1



ASK71.9

SIEMENS

Accessories & Service Kits Misc.

CATALOG NO.	DESCRIPTION	UOM	OM
ASY97	Conduit Connector, Product Groups SSB61U and SSB81U	EA	1



ASY97

SIEMENS

RL 243 SW Switching Relay

The Powers 243 SW Switching Relay is a two-position, pilot-operated auxiliary device used for switching a common part from one pneumatic circuit to another.

Features

Two-position switching relay Pilot-operated used for switching one circuit to another
Mounting bracket either vertical or horizontal

CATALOG NO.	DESCRIPTION	UOM	OM
243-0001	Thermostat, Pneumatic, Unit Mounted, DA/RA, Heat/Cool, Liquid Filled Bulb	EA	1



243-0001

SIEMENS

SIEMENS - CONTROLS

Thermostats Wall Mounting Plate

This Wall Mounting Plate is for use with the QPA63 Series and RAA, RAB, RCC, RCU, RDF, RDX and RDU product lines to adapt to 2" x 4" or 4" x 4" electrical wallboxes.

CATALOG NO.	DESCRIPTION	UOM	OM
ARG70	Wall Mounting Plate for QPA63 Series, QAA, RAA, RAB, RCC, RCU, RDF, RDX, RDU	EA	1



ARG70

SIEMENS

Series 2200 Temperature and Series 3200 Combination RH&T Room Units, TEC

These room units allow users to view and adjust points in the controller using the room unit buttons and digital display.

CATALOG NO.	DESCRIPTION	UOM	OM
AQA2200-INTL	Standard Controls - Legacy Wall Box Adapter, 2x4 Wall Box Adapter Plate	EA	1



AQA2200-INTL

SIEMENS

Q-Series Relative Humidity and Temperature Sensors Replacement Tip

The Q-Series Relative Humidity and Temperature Sensors monitor and transmit changes in humidity and temperature to building control systems.

CATALOG NO.	DESCRIPTION	UOM	OM
AQF3150	Replacement Sensor Tip 2 percent RH Duct	EA	1



AQF3150

SIEMENS

Duct Point Sensor Mounting Flange Kit

CATALOG NO.	DESCRIPTION	UOM	OM
AQM2000	Mounting Kit For Duct Point Sensor	EA	1



AQM2000

SIEMENS

SIEMENS - CONTROLS

General Duty Safety Switches

240 Volt Fusible

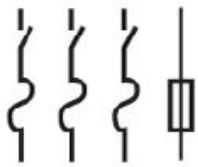
Features

60A - 600A



GF322NA

SIEMENS

CATALOG NO.	AMP RATING	SYSTEM	UOM	OM
3-Pole, 3-Fuse, and Solid Neutral [4]				
GF322NA	60		EA	1
GF322NRA	60		EA	1

Notes:

1) Dual horsepower ratings: Std.- applies when non-time delay fuses are installed. Max.- applies when time-delay fuses are installed.
2) These switches are UL-listed for application on grounded B-phase systems.
3) Suitable for use on 3-phase motor loads.
4) Service entrance labeled.
5) Has provision for ECHA type hub.
6) 5 switches per standard package.
7) 10 switches per standard package.
8) Height reduced switch (45.25 rather than 56 inches in height) for use with 500MCM or smaller conductors.
9) Not suitable for service entrance.
10) Indicates oversized enclosure.
11) Internal shields for 30A to 200A switches to meet 2020 NEC 230.62 touch safe requirements for service entrance equipment can be purchased separately. See accessory section for Item IDs.

SIEMENS - CONTROLS

Heavy Duty Starters

Solid State Overload with Auto/Manual Reset, Class 14



14HUG32AA

SIEMENS

Features

- Rugged Industrial Design
- Half Sizes for Cost and Space Savings
- Dual Voltage, Dual Frequency Coils
- Solid State Overload Protection
- Wide Range of Accessories
- Easy Coil Access
- Overload Test Feature
- Straight Thru Wiring
- Gravity Dropout
- Large Silver Cadmium Contacts
- UL listed file #E14900 (class 14, 22, 30, 40 & 43)
- CSA certified file #LR 6535 (class 14, 22, 30, 40 & 43)

CATALOG NO.	ENCLOSURE		ENCLOSURE	UOM	OM
14HUG32AA	Open Type Standard Auxiliary Contacts	**14HUG32BB**	NEMA 1 General Purpose	EA	1
14JUH32AA	Open Type Standard Auxiliary Contacts	**14JUH32BB**	NEMA 1 General Purpose	EA	1

Contactors for Switching Motors

3RT contactors 3-pole – Size S6-S12 and NEMA size 4-6



3RT10546AF36



3RT10566AF36

SIEMENS

Features

- AC/DC Coils with built in surge suppressor
- Coil Types (40Hz to 60Hz, DC):
- Conventional Coil
- Box terminals ordered separately
- Solid-state operated coil with wider range and 24 V DC PLC input
- Solid-state operated coil with Remaining Lifetime Indication (RLT)

		AMP RATINGS		SINGLE-PHASE HP RATINGS		THREE-PHASE HP RATINGS				AUXILIARY CONTACTS		UOM	OM
CATALOG NO.	FRAME SIZE	AC3	AC1	115V	230V	200V	230V	460V	575V	NO	NC		
3RT10546AF36	S6	115	160	–	25	40	50	100	125	2	2	EA	1
3RT10566AF36	S6	185	215	–	30	60	75	150	200	2	2	EA	1

SIEMENS - CONTROLS

Circuit Breakers

Type QP with INSTA-WIRE

CATALOG NO.	CONTINUOUS CURRENT RATING @ 40° C	UOM	OM
1-Pole Plug-In (120/240V AC)			
Q120	20	EA	1
Q130	30	EA	1
Q140	40	EA	1
Q160	60	EA	1
2-Pole Plug-In (Common-Trip 120/240V AC)			
Q215	15	EA	1
Q220	20	EA	1
Q225	25	EA	1
Q230	30	EA	1
Q235	35	EA	1
Q240	40	EA	1
Q245	**45**	EA	1
Q250	**50**	EA	1
Q260	**60**	EA	1
Q270	**70**	EA	1
Q280	**80**	EA	1
Q290	**90**	EA	1
Q2100	**100**	EA	1
Q2110	**110**	EA	1

CATALOG NO.	CONTINUOUS CURRENT RATING @ 40° C	UOM	OM
3-Pole Plug-In (Common-Trip 240V AC)			
Q320	20	EA	1
Q330	30	EA	1
Q340	40	EA	1
Q350	**50**	EA	1
Q360	**60**	EA	1
Q3100	**100**	EA	1



1-Pole



2-Pole



3-Pole

SIEMENS

NOTE: Item numbers in **RED** indicate **Made in the U.S.A.**

SIEMENS - CONTROLS

Siemens Low Voltage Residential Specialty Load Centers
Small Circuit (2-10)



W0204ML1060U

SIEMENS

Sub Brand: Load Centers
Type: 1
Application: Residential
Voltage Rating: 120/240V
Amperage rating: 60A
Phase: 1PH
Load regulation: 60A
Wiring configuration: 3w
Bus Rating: 60A
Interrupt Rating: 100000AIC.
OUTDOOR EQ LC 2S 4C ML 60A DIY

CATALOG NO.	DESCRIPTION	UOM	OM
W0204ML1060U	Siemens Low Voltage Residential Specialty Load Centers: Small Circuit (2-10) OUTDOOR EQ LC 2S 4C ML 60A DIY	EA	1

Siemens Low Voltage Residential Specialty Load Centers
Small Circuit (2-10)



W0408ML1125U

SIEMENS

Sub Brand: Load Centers
Type: 1
Application: Residential
Voltage Rating: 120/240V
Amperage rating: 125A
Phase: 1PH
Load regulation: 125A
Wiring configuration: 3w
Bus Rating: 125A
Interrupt Rating: 100000AIC.
OUTDOOR EQ LC 4S 8C ML 125A DIY

CATALOG NO.	DESCRIPTION	UOM	OM
W0408ML1125U	Siemens Low Voltage Residential Specialty Load Centers: Small Circuit (2-10) OUTDOOR EQ LC 4S 8C ML 125A DIY	EA	1

Siemens Energy Management Residential Specialty Load Centers
Small Circuit (2-10)



W0816ML1125CU

SIEMENS

Sub Brand: Load Centers
Type: 1
Application: Residential
Voltage Rating: 120/240V
Amperage rating: 125A
Phase: 1PH
Load regulation: 125A
Wiring configuration: 3w
Bus Rating: 125A
Interrupt Rating: 100000AIC.
OUTDOOR EQ LC 8S 16C ML 125A CU

CATALOG NO.	DESCRIPTION	UOM	OM
W0816ML1125CU	Siemens Low Voltage Residential Specialty Load Centers: Small Circuit (2-10) OUTDOOR EQ LC 8S 16C ML 125A CU	EA	1

SIEMENS - CONTROLS

Panel Mount Circuit Breaker

Used For 2 Pole Breaker

Features

2 Space
60A
3 Pole

CATALOG NO.	DESCRIPTION	UOM	OM
I0204ML1125CU	Mounting Base	EA	1



I0204ML1125CU

SIEMENS

Panel Mount Circuit Breaker

Converts a Plug-In to a Lug-Lug Feed-Through Application

Features

4 Space
200A
3 Pole

CATALOG NO.	DESCRIPTION	UOM	OM
I0303ML3100CU	Panel Mount Base with tin plated copper bus stabs for 1, 2 or 3 Pole	EA	1



I0303ML3100CU

SIEMENS

2 Pole Circuit Breaker

Amperage 20A
Voltage 240V
Poles 2
Phase 1
Mounting Type Plug-On
Approval UL Listed and CSA Certified

CATALOG NO.	DESCRIPTION	UOM	OM
QF220A	Plug-On 2 Pole Circuit Breaker	EA	1



QF220A

SIEMENS

TOOLS













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FLARING TOOLS

SPIN® Tools

SPIN® Flaring and Swaging bits deliver the best flares and swages in seconds! Gives you consistent sizes on flares and swages, every time. Using an innovative technology, SPIN® tools are designed to quickly flare or swage virtually any copper or aluminum tube. Perfect for mini-splits and ductless A/C copper and aluminum tubes, it keeps the tubing thickness for high pressure refrigerant fluids such as R410A, R22, etc. Available in sets from 4 up to 6 pieces for HVAC/R applications; and 3 pieces for plumbing applications.



F1034

Spin TOOLS

FLARING

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
F4000	4 pc Flaring Set - 1/4", 3/8", 1/2", 5/8"	PK	1
F5000	5 pc Flaring Set - 1/4", 3/8", 1/2", 5/8", 3/4"	PK	1
F6000	6 pc Flaring Set - 1/4", 3/8", 1/2", 5/8", 3/4", 7/8"	PK	1
F1014	Flaring Tool, 1/4", Individual	EA	1
F1516	Flaring Tool, 5/16", Individual	EA	1
F1038	Flaring Tool, 3/8", Individual	EA	1
F1012	Flaring Tool, 1/2", Individual	EA	1
F1058	Flaring Tool, 5/8", Individual	EA	1
F1034	Flaring Tool, 3/4", Individual	EA	1
F1078	Flaring Tool, 7/8", Individual	EA	1

SWAGING

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
S4000	4 pc Swaging Set - 1/4", 3/8", 1/2", 5/8"	PK	1
S5000	5 pc Swaging Set - 1/4", 3/8", 1/2", 5/8", 3/4"	PK	1
S6000	6 pc Swaging Set - 1/4", 3/8", 1/2", 5/8", 3/4", 7/8"	PK	1
S1014	Swaging Tool, 1/4", Individual	EA	1
S1516	Swaging Tool, 5/16", Individual	EA	1
S1038	Swaging Tool, 3/8", Individual	EA	1
S1012	Swaging Tool, 1/2", Individual	EA	1
S1058	Swaging Tool, 5/8", Individual	EA	1
S1034	Swaging Tool, 3/4", Individual	EA	1
S1078	Swaging Tool, 7/8", Individual	EA	1

PLUMBING

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
S3000	3 pc Plumbing Set - 1/2", 3/4", 1"	EA	1

Orbital Flare

The hilmor Orbital Flare was designed to produce quality flares – again and again. A tube-stop arrow allows precise positioning and placement so you can keep that nickel in your pocket. Plus, a clutch mechanism stops the flare to eliminate cracking the tube.



1838952



hilmar

Features & Benefits

Precise Flares, Every Time: An off-center mounted cone spins on an axis to effectively produce quality flares.
No Cracked Tubes: A clutch mechanism stops the flaring when the job is done.
Simple Setup: A clothespin-inspired, spring-loaded block grips the tube securely.
Easy to Position: A tube-stop arrow slides to set correct height and positioning while ball detents allow for easy flaring cone alignment.
Extra Confidence: A leak-proof blank-off valve isolates the pump from the system for accurate vacuum readings and easy oil change without losing a vacuum.

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1838952	Orbital Flare - 45°	3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	8-1/2" x 4-5/8" x 5-1/4"	3.8 lbs.	EA	1

Orbital Flare Kit with Tubing Cutter and Deburring Tool

The hilmor Orbital Flare Kit comes with everything you need to produce quality flares – again and again. The kit includes hilmor's Large Diameter Tubing Cutter (item #1885384) for easy kink-free cuts, a Pocket Size Deburring Tool (item #1891258) to smooth things over and, of course, our industry-leading Orbital Flare (item #1838952).



1937685

hilmar

Features & Benefits

Storage: Kit included for convenient storage.
Precise Flares, Every Time: An off-center mounted cone spins on an axis to effectively produce quality flares.
No Cracked Tubes: A clutch mechanism stops the flaring when the job is done.
Accurate Cutting: A unique, four-roller tracking system keeps the tube from threading.
Professional Deburring: Conveniently deburr tubes and fittings 1/4" nominal and larger.

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1937685	Orbital Flare with Large Diameter Tubing Cutter and Pocket Size Deburring Tool	3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	9" x 12-1/2" x 2-1/2"	5.8 lbs.	EA	1

FLARING TOOLS CONT'D

Large Basic Flare



1838955

The hilmor Large Basic Flare has all the advantages of hilmor flaring tools with the bulked-up size to handle 3/4" to 1-1/8" tubes. And it can fit into spaces other flaring and swaging tools can't.

Features & Benefits

Durable: The cast steel yoke and hardened flaring bar are made to be knocked around.
Control: Steel wing nuts make it easy to hold pipe secure.
Quality Flares: An extra-long handle provides more leverage and self-centers for a consistent quality flare.

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1838955	Large Basic Orbital Flare - 45°	3/4", 7/8", 1-1/8"	7" x 6" x 5-1/4"	3.7 lbs.	EA	1

Basic Flare



1838956

The hilmor flaring tools are the no-muss, no-fuss way to flare. Our Basic Flare handles 1/8" to 3/4" tubes.

Features & Benefits

Durable: The cast steel yoke and hardened flaring bar are made to be knocked around.
Control: Steel wing nuts make it easy to hold pipe secure.
Quality Flares: An extra-long handle provides more leverage and self-centers for a consistent quality flare.

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1838956	Basic Orbital Flare - 45°	1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	8-3/4" x 5-1/4" x 4-1/4"	2.4 lbs.	EA	1

Quick-Engage Flare and Swage Kit



1838947



Extra appendages are hard to come by these days. Instead, opt for the all-new hilmor Quick-Engage Flare and Swage. Simple setup, precise positioning and a secure hold allow you to quickly conquer and move on to the next job.

Features & Benefits

Less Work: Allows for faster flares and swages because it requires fewer rotations.
Simple Setup: A clothespin-inspired, spring-loaded block grips the tube securely.
Easy to Position: A tube-stop arrow slides to set correct height and positioning, while ball detents allow for easy flaring cone alignment.

Product Specifications

1 Bar - 45°, 1 Quick-Engage Yoke, 1 Flare Cone 3/16" to 3/4", 5 Swage Heads

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1838947	Quick-Engage Flare and Swage Kit	3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	8-1/2" x 4-5/8" x 7-1/2"	3.5 lbs.	EA	1

Large Flare/Swage



1838948

When you need a precise, quality flare or swage, the hilmor Large Flare/Swage delivers. Its compact design allows it to fit where others can't. And, with a long handle for additional leverage, it can help give you a leg up on any job.

Features & Benefits

Durable: The cast steel yoke and hardened flaring bar are made to be knocked around.
Control: Steel wing nuts make it easy to hold pipe secure.
Small Space Capable: A compact design allows it to be used even in cramped spaces.
Quality Flares: An extra-long handle provides more leverage and self-centers for a consistent quality flare.

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1838948	Large Flare/Swage - 45°	3/4", 7/8", 1-1/8"	7" x 6" x 6"	6.4 lbs.	EA	1

Basic Flare/Swage Kit



1937684

The hilmor Basic Flare/Swage Kit has the no-muss, no-fuss tools to flare AND swage tubes in a variety of sizes. The small Basic Flare bar handles 1/8" to 7/16" tubes, while the large Basic Flare bar helps you take on 1/2" to 3/4" tubes. Swage head attachments for sizes 1/8" to 3/4" make an entirely new tool for tube working.

Features & Benefits

Durable: The cast steel yoke and hardened flaring bars are made to be knocked around.
Control: Steel wing nuts make it easy to securely hold tube.
Small Space Capable: A compact design allows it to be used even in cramped spaces.
Quality Flares: An extra-long handle provides more leverage and self-centers for a consistent quality flare.

Product Specifications

2 Bars - 45°, 1 Basic Flare/Swage Yoke, 1 Flaring Head, 5 Swage Heads

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1937684	Basic Flare/Swage Kit	1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4"	9" x 12-1/2" x 2-1/2"	5.0 lbs.	EA	1

SWAGING TOOLS

Compact Swage Tool Kit



1839015



The hilmor Compact Swage Tool is taking swaging to the next level. It has the power to swage 2-1/8" tubing and the control to swage 1/4" tubing without a crack. With its small, pistol-shape design, it can fit in the smallest of spaces. This patented design can reduce on-the-job fatigue with its easy setup and one-handed operation made possible by an innovative hydraulic mechanism and release button. It's even equipped for multiple sizes.

Features & Benefits

Picture-Perfect Swaging: Simply select the correct head, place it on the tool and make a quality swage.
Less Effort, More Control: The power to swage 7/8" tubing and the control to swage 3/8" without splitting the tube.
Small Space Capable: A compact design allows it to be used even in cramped spaces.
One-handed Operation: The lever mechanism and release button allow for one-handed swaging without the fatigue.

Product Specifications

3/8", 1/2", 5/8", 3/4", 7/8" Expander Heads, Deburrer, Compact Swage Tool

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839015	Compact Swage Tool Kit	3/8", 1/2", 5/8", 3/4", 7/8"	9" x 1-3/4" x 5"	8.5 lbs.	EA	1

Expander Heads & Replacement Parts		
Item Numbers	Descriptions	Sizes
1964042	CSEH14 Expander Head	1/4"
1839016	CSEH516 Expander Head	5/16"
1839017	CSEH38 Expander Head	3/8"
1839018	CSEH12 Expander Head	1/2"
1839019	CSEH58 Expander Head	5/8"
1839020	CSEH34 Expander Head	3/4"
1839021	CSEH78 Expander Head	7/8"

Item Numbers	Descriptions	Sizes
1839022	CSEH118 Expander Head	1-1/8"
1839023	CSEH138 Expander Head	1-3/8"
1839024	CSEH158 Expander Head	1-5/8"
1964043	CSEH218 Expander Head	2-1/8"
1839025	CSB Compact Swage Body Kit	N/A
1891258	Pocket Size Deburring Tool	N/A
Recommended Replacement Hydraulic Fluid		HV-15

Deluxe Compact Swage Tool Kit



1964041

Thoughtfully designed to fit into the smallest of spaces, the hilmor Compact Swage Tool can knock out the picture-perfect swage in just one shot. An patented hydraulic mechanism and release button let you take care of any job single-handedly.

Features & Benefits

Picture-perfect Swaging: Simply select the correct head, place it on the tool and make a quality swage.
One-handed Operation: The lever mechanism and release button allow for one-handed swaging without the fatigue.

Product Specifications

1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8", 1-5/8" Expander Heads, Pocket Size Deburring Tool, Compact Swage Tool

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1964041	Deluxe Compact Swage Tool Kit	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8", 1-5/8"	9" x 1-3/4" x 5"	8.5 lbs.	EA	1

Additional Expander Heads		
Item Numbers	Descriptions	Sizes
1964043	CSEH516 Expander Head	2-1/8"

Punch Swage Set



1839008

Get the sizes you need, right when you need them, with the hilmor 5-piece Punch Swage Set. Punches are available in a set with 1/4", 5/16", 3/8", 1/2" and 5/8".

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS	WEIGHT	UOM	ORDER MUL.
1839008	Punch Swage Set	1/4", 5/16", 3/8", 1/2", 5/8"	1/4" - Dia: 1/2"; H: 3" 5/16" - Dia: 2/3"; H: 3" 3/8" - Dia: 2/3"; H: 3" 1/2" - Dia: 7/8"; H: 3-3/4" 5/8" - Dia: 7/8"; H: 3-3/4"	3 oz.	EA	1

Multi-Swage Punch



1839009

One punch. Multiple tube sizes. The hilmor Multi-Swage Punch is designed to fit 1/4" to 5/8" tubes. Made of steel and chrome-coated for a durable design with less friction against the tube.

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS	WEIGHT	UOM	ORDER MUL.
1839009	Multi-Swage Punch	1/4" to 5/8" (1/4", 5/16", 3/8", 1/2", 5/8")	Dia: 7/8"; H: 5-1/4"	6 oz.	EA	1

TUBE BENDING

Compact Bender Kits



1926598

Small in size. Big on advantages. The hilmor Compact Bender will help you get the job done right – from start to finish. Small-space capabilities, one-handed operation and precise bends – you get it all. A universal crossbar and color-coded mandrels provide simple setup and easy size identification. An advanced mandrel design and quick-release mechanism allow for an easy tube release. You can count on precise bends of 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8" tubing up to 90°.

Features & Benefits

Simple Setup: Universal crossbar and color-coded mandrels make identifying and changing sizes quick and easy.

One-handed Operation: A ratcheting mechanism and innovative release lever allow for bending with one hand.

Small Space Capable: A compact design allows it to fit where others can't.

Product Specifications

1839032 Compact Bender Kit
Body and crossbar for 1/4" to 7/8", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8" mandrels.

1926598 Compact Bender Kit with Reverse Bending Attachment
Body and crossbar for 1/4" to 7/8", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" mandrels and Reverse Bending Attachment

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839032	Compact Bender Kits	1/4", 5/16"	16-3/8" x 12-1/4" x 3-1/4"	8.8 lbs.	EA	1
1926598	Compact Bender Kit with Reverse Bending Attachment	1/4", 5/16"	16-3/8" x 12-1/4" x 3-1/4"	10.8 lbs.	EA	1

Replacement Parts

Item Numbers	Descriptions	Sizes
1839035	Compact Bender Mandrel	1/4"
1839036	Compact Bender Mandrel	5/16"
1839037	Compact Bender Mandrel	3/8"
1839038	Compact Bender Mandrel	1/2"

Replacement Parts cont'd

Item Numbers	Descriptions	Sizes
1839039	Compact Bender Mandrel	5/8"
1839040	Compact Bender Mandrel	3/4"
1839041	Compact Bender Mandrel	7/8"

Tri-Tube Benders



1839026



1839027

From start to final bend, the hilmor Tri-Tube Benders have you covered.

Features & Benefits

Precise Angles: Calibrated markings for making accurate bends up to 180°.

Comfortable Grip: Non-slip grip.

Lighten Your Load: Constructed out of lightweight die-cast aluminum.

Indexing Handle: Compact design for tight access (1839026 only).

Product Specifications

Tube Materials: Soft Tubing Only - Copper, Steel, Aluminum, Brass

CATALOG NO.	DESCRIPTION	TUBE SIZE (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839026	Tri-Tube Bender	3/16", 1/4", 5/16", 3/8"	2-1/2" x 6" x 12-1/2"	1.8 lbs.	EA	1
1839027	Tri-Tube Bender	3/16", 1/4", 3/8", 1/2"	3-1/2" x 7-1/2" x 7"	2.5 lbs.	EA	1

Spring Benders



1839031

Getting an accurate bend by hand isn't always easy. But, our Spring Benders can help simplify things. Four different benders are included to fit 1/4", 3/8", 1/2" and 5/8" tubing. Simply slip the Spring Bender over soft copper or aluminum tubing, and count on the spring to keep the tube from kinking.

Product Specifications

Tube Materials: Soft Tubing Only - Copper, Steel, Aluminum, Brass

CATALOG NO.	DESCRIPTION	TUBE SIZES (O.D.)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839031	Spring Benders	1/4", 3/8", 1/2", 5/8"	1/4" - 11-1/3" 3/8" - 11-1/3"" 1/2" - 11-1/3" 5/8" - 11-1/3"	5 oz.	EA	1

TUBE CUTTING

Small Diameter Tubing Cutters

When you're in a tight space, this tool can definitely cut it. hilmor's ruggedly durable Small Diameter Tubing Cutters offer precision cuts with minimal burrs.

Features & Benefits

Rugged and Durable: An ergonomic, cast-zinc body and shock-resistant steel wheel reduce burrs while increasing life and durability.
Small Space Capable: Compact design allows this tool to fit where others can't.
Maximum Protection: A full-stop threading system offers maximum protection for cutting wheels.
Precision Flare Cutting: A flare-cutting groove allows for precision removal of material. Item 1885383 only.
Spare Blade Storage: A bonus blade comes with the tool and can be stored easily in the handle. Items 1885382 & 1885383 only.



1885381 1885382 1885383

hilmor

CATALOG NO.	DESCRIPTION	DIAMETERS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885381	Small Diameter Tubing Cutter	1/8" - 5/8"	1-3/8" x 3/4" x 1-3/4"	4 oz.	EA	1
1885382	Small Diameter Tubing Cutter	1/8" - 1"	1-3/4" x 3/4" x 2-3/8"	6 oz.	EA	1
1885383	Small Diameter Tubing Cutter	1/8" - 1"	2" x 1" x 3"	8 oz.	EA	1

Large Diameter Tubing Cutters

This cutter can talk the talk without walking the walk. hilmor's Large Diameter Tubing Cutters feature a four-roller tracking system to keep the tube from threading. All the while, a shock-resistant steel wheel cuts through the tube like a knife through butter.

Features & Benefits

Rugged and Durable: An ergonomic, cast-zinc body and shock-resistant steel wheel reduce burrs while increasing life and durability.
Precision Flare Cutting: A flare-cutting groove allows for precision removal of material. Item 1885383 only.
Maximum Protection: A full-stop threading system offers maximum protection for cutting wheels.
Spare Blade Storage: A bonus blade comes with the tool and can be stored easily in the handle.
Accurate Cutting: A unique, four-roller tracking system keeps the tube from threading.
Professional Deburring: Conveniently deburr tubes with a replaceable machinist's reamer.



1885385



1885384

hilmor

CATALOG NO.	DESCRIPTION	DIAMETERS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885384	Large Diameter Plastic Tubing Cutter	1/8" - 1-3/8"	2-3/4" x 1-3/4" x 6-1/4"	1.4 lbs.	EA	1
1885385	Large Diameter Tubing Cutter	1/8" - 1-3/4"	3" x 1-3/4" x 7-7/8"	1.7 lbs.	EA	1

Plastic Tubing Cutter

We've cut out the unnecessary complexity so you can cut plastic. hilmor's Plastic Tubing Cutter gets the job done with ease. Simple design and intuitive features allow you to get a handle on any cut.

Features & Benefits

Rugged and Durable: An ergonomic, cast-aluminum body and stainless steel blade increase life and durability.
Comfortable Grip: A rubberized handle makes it easier to use in wet and dirty environments.
Easy to Open and Close: A conveniently positioned locking latch allows for true one-handed operation.



1885388



hilmor

CATALOG NO.	DESCRIPTION	DIAMETER	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885388	Plastic Tubing Cutter	1-5/16" MAX OD	11" x 5-1/2" x 1-2/5"	13 oz.	EA	1
1885390	Plastic Tubing Cutter Rep Blade	NA	NA	NA	EA	1

TUBE CUTTING CONT'D

Ratcheting Plastic Tubing Cutters



1885393



1885395

1885393 Features & Benefits

Rugged and Durable: An ergonomic, cast-aluminum body and stainless steel blade increase life and durability.

Comfortable Grip: A rubberized handle makes it easier to use in wet and dirty environments.

Easy to Open and Close: A conveniently placed release button allows for true one-handed operation, while a locking tab secures the blade in place.

1885395 Features & Benefits

Rugged and Durable: An ergonomic, cast-aluminum body and high-carbon steel blade increase life and durability.

Comfortable Grip: Simply pull both handles apart to quickly start the next cut.

CATALOG NO.	DESCRIPTION	DIAMETER	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885393	Ratcheting Plastic Tubing Cutter	1-5/8" MAX OD	9" x 1-1/8" x 4-1/8"	1.0 lbs.	EA	1
1885395	Ratcheting Plastic Tubing Cutter	2-3/8" MAX OD	13-1/8" x 1-1/3" x 6"	2.5 lbs.	EA	1

Kut-All Plastic Tube and Hose Cutter



PK-2

Tough, durable nylon. Blade closes into its own handle for safe handling. Replaceable high carbon, teflon coated steel blades. Ideal for cutting up to 1-1/8" I.D. plastic tubing, reinforced plastic tubing, rigid plastic pipe, and rubber hose.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PK-2	Kut-All Plastic Tube and Hose Cutter	EA	1

One-Handed PVC/Hose Cutter



6-T1191

The ratchet system holds the blade in place while you adjust your grip to increase the pressure. The high carbon steel blade maintains sharpness and resists chipping. These cutters can be used for cutting PVC, CPVC, Polyethylene, PEX, and ABS tubing. The cutters have a quick-blade reset and can be used as a one handed operation. With the handle locking strap for safe storage, the easy replacing blade feature, and the ergonomically designed handle, these cutters are a perfect addition to any tool box.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-T1191	Capacity: 1/8" to 1-5/8"; Length: 8-1/4" (210mm)	EA	1

ACCESSORIES

Small Tubing Cutter Wheels



1885386



1885387

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
1885386	Small Tubing Cutter Wheels - 2 Pack (Fits 1885381, 1885382)	PK	1
1885387	Tubing Cutter Wheels - 2 Pack (Fits 1885383, 1885384, 1885385)	PK	1
21024TCD	Replacement Deburrer for 1885384, 1885385	EA	1

MANIFOLDS

4-Valve Aluminum Manifold

We know that manifolds are your lifeline. So, when we decided to retool the features and design, we were meticulous down to the last detail.

Features & Benefits

Extra Confidence:	Built to last with a forged aluminum body. Designed to be leak-resistant with replaceable stainless steel valve seats, SAE-style O-rings and a securely seated, large sight glass.
Quick on the Job:	Get faster vacuum pulls with a true 3/8" bore throughout the valve.
Comfortable Grip:	A rubberized handle makes it easier to use in wet and dirty environments.
Glows in the Dark:	Light-activated paint illuminates, so you won't be left in the dark.
Built-in Pressure Reminder:	A pressure reminder allows you to set the pressure ring and reference it later.

Product Specifications

Accuracy:	Class 1 - 1% Accuracy (full scale)
Gauge Connection Type:	1/8" NPT Male Fitting
Valve Type:	Double O-ring Piston Style
Valve Seat (Orifice):	Replaceable Stainless Steel (SAE-style straight thread with O-ring)
Sight Glass:	Bonded steel with SAE-style straight thread with O-ring
Vacuum Port:	3/8" full bore (quantity 1)
Charge Ports:	1/4" (quantity 3)



1839130



1839131

hilmar

CATALOG NO.	DESCRIPTION	REFRIGERANTS	DIMENSIONS (LXWXH) W/O HOOK	WEIGHT	TEMP.	PRESSURE RANGE LOW	PRESSURE RANGE HIGH	UOM	ORDER MUL.
1839109	4-Valve Aluminum Manifold w/60" Hoses and Ball Valve Adapters	R410A	8-7/8" x 4" x 7-1/8"	7.1 lbs.	F/C	-30" HG/ 300/500 psi	0/800 psi	EA	1
1839128	4-Valve Aluminum Manifold w/60" Hoses and Ball Valve Adapters	HP22-407C-410A (Heat Pump)	8-7/8" x 4" x 7-1/8"	7.1 lbs.	NA	0/800 psi	0/800 psi	EA	1
1839130	4-Valve Aluminum Manifold w/60" Hoses and Ball Valve Adapters	R22-404A-410A	8-7/8" x 4" x 7-1/8"	7.1 lbs.	F	-30" HG/ 300/500 ps	0/800 psi	EA	1
1839111	4-Valve Aluminum Manifold w/o Hoses	R410A	8-7/8" x 4" x 7-1/8"	3.4 lbs.	F/C	-30" HG/ 300/500 psi	0/800 psi	EA	1
1839129	4-Valve Aluminum Manifold w/o Hoses	HP22-407C-410A (Heat Pump)	8-7/8" x 4" x 7-1/8"	3.4 lbs.	NA	0/800 psi	0/800 psi	EA	1
1839132	4-Valve Aluminum Manifold w/o Hoses	R22-404A-410A	8-7/8" x 4" x 7-1/8"	3.4 lbs.	F	-30" HG/ 300/500 psi	0/800 psi	EA	1
1839110	4-Valve Aluminum Manifold w/60" Hoses, Dual Readout Thermometer and Ball Valve Adapters	R410A	8-7/8" x 4" x 7-1/8"	7.3 lbs.	F/C	-30" HG/ 300/500 psi	0/800 psi	EA	1
1839131	4-Valve Aluminum Manifold w/60" Hoses, Dual Readout Thermometer and Ball Valve Adapters	R22-404A-410A	8-7/8" x 4" x 7-1/8"	7.3 lbs.	F	-30" HG/ 300/500 psi	0/800 psi	EA	1

MANIFOLDS CONT'D

2-Valve Aluminum Manifold

The rough-and-tumble durability of our 4-Valve with the simplicity of a 2-Valve design.



1839134

hilmor

Features & Benefits

Extra Confidence: Built to last with a forged aluminum body. Designed to be leak-resistant with replaceable stainless steel valve seats, SAE-style O-rings and a securely seated, large sight glass.
Comfortable Grip: A rubberized handle makes it easier to use in wet and dirty environments.
Easy to Read: Improved graphics and high-contrast colors deliver precise readings at a glance
Glows in the Dark: Light-activated paint illuminates, so you won't be left in the dark
Built-in Pressure Reminder: A pressure reminder allows you to set the pressure ring and reference it later.

Product Specifications

Accuracy: Class 1 - 1% Accuracy (full scale)
Gauge Connection Type: 1/8" NPT Male Fitting
Valve Type: Double O-ring Piston Style
Valve Seat (Orifice): Replaceable Stainless Steel (SAE-style straight thread with O-ring)
Sight Glass: Bonded steel with SAE-style straight thread with O-ring
Charge Ports: 1/4" (quantity 3)

CATALOG NO.	DESCRIPTION	REFRIGERANTS	DIMENSIONS (LXWXH) W/O HOOK	WEIGHT	TEMP.	PRESSURE RANGE LOW	PRESSURE RANGE HIGH	UOM	ORDER MUL.
1839126	2-Valve Aluminum Manifold	R22-134A-404A	8-7/8" x 1-3/4" x 7-1/8"	7.1 lbs.	F	-30" HG/120/350 psi	0/500 psi	EA	1
1839134	2-Valve Aluminum Manifold	R22-404A-410A	8-7/8" x 1-3/4" x 7-1/8"	7.1 lbs.	F	-30" HG/120/500 psi	0/800 psi	EA	1

2-Valve Basic Manifold

The hilmor 2-Valve Basic Manifold with 60" Hoses provides all the features you've come to expect from a standard manifold, and then some. It has a durable design, improved accessibility and smart functionality.
The 3-1/8" gauges have been optimized for greater readability with improved graphics, high-contrast color and glow-in-the-dark functionality. Sold with hilmor 60" hoses.



1932650

hilmor

Features & Benefits

Easy to Read: Improved graphics and high-contrast colors deliver precise readings at a glance.
Glows in the Dark: Light-activated paint illuminates, so you won't be left in the dark.
Comfortable Grip: A rubberized handle makes it easier to use in wet and dirty environments.

Product Specifications

Accuracy: Class 1 - 1% Accuracy (full scale)
Gauge Connection Type: 1/8" NPT Male Fitting
Valve Type: Double O-ring Piston Style
Charge Ports: 1/4" (quantity 3)
Hoses Included: 1839153 Hose 60" - Set of 3

CATALOG NO.	DESCRIPTION	REFRIGERANTS	DIMENSIONS (L X W X H) W/O HOOK	WEIGHT	TEMP.	PRESSURE RANGE LOW	PRESSURE RANGE HIGH	UOM	ORDER MUL.
1839114	2-Valve Basic Manifold with 60" Hoses	R410A	7-1/4" x 3" x 6"	3.9 lbs.	F/C	-30" HG/ 300/500 psi	0/800 psi	EA	1
1932650	2-Valve Basic Manifold with 60" Hoses	R22-404A-410A	7-1/4" x 3" x 6"	3.9 lbs.	F	-30" HG/ 300/500 psi	0/800 psi	EA	1
1932651	2-Valve Basic Manifold with 60" Hoses	R454B-R32-R410A	7-1/4" x 3" x 6"	3.9 lbs.	F	-30" HG/ 360/550 psi	0/800 psi	EA	1

Manifold Replacement Parts

CATALOG NO.	DESCRIPTION	LOCATION	UOM	ORDER MUL.
1932944	Analog Manifold Hook	1	EA	1
1932949	Manifold Valve Handle - Blue	2	EA	1
1932951	Manifold Valve Handle - Yellow	3	EA	1
1932950	Manifold Valve Handle - Red	4	EA	1
1932945	2-Valve Seat Assembly (2-1/4")	5	EA	1
1932946	4-Valve Seat Assembly (3-1/4", 1-3/8")	6	EA	1



hilmor

MANIFOLD GAUGES

Manifold Gauge

DiversiTech's MG-1 Manifold Gauge provides the technician with a precision diagnostic and monitoring analog gauge set complete with hoses.
The Manifold Gauge and Hose Set includes:

- 2 valve brass manifold
- 5' long high pressure hose set
- For use with the following refrigerants:
  - R-410A
  - R-22
  - R-407C
- Detailed gauge readings in PSI and °F



MG-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MG-1	Manifold Gauge and Hose Set	EA	1
MG-RGB	Replacement Gauge - Blue	EA	1
MG-RGR	Replacement Gauge – red	EA	1

Leak Test Gauge

This Gas gauge test is ideal for teasing all new installations of or leaks and passing inspection code. The special sensitive diaphragm gauges for more accurate low pressure readings.



TG-30

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
TG-05	Leak Test Gauge – 3/4" FPT., 15 psi	EA	1
TG-30-12	Leak Test Gauge – 1/2" FPT. Conn., 30 psi	EA	1
TG-30	Leak Test Gauge – 3/4" FPT. Conn., 30 psi	EA	1
TG-30-1	Leak Test Gauge – 1" FPT. Conn., 30 psi	EA	1

Regulators

Rehvac nitrogen and CO_2 regulators feature a machined brass piston with internal bleed-down safety. This design makes the Rehvac regulator long lasting and reliable.



CT-475M

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CA-252C	Rehvac Adjustable Regulator, 0-250psi	EA	1
CT-475M	Regulator, N/CO2 – 0-475 psi	EA	1

Gauges

Rehvac replacement gauges are reliable and easy to read.



GA-06

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
GA-06	Rehvac 600 psi Low Pressure Replacement Gauge	EA	1
GA-30	Rehvac 3000 psi High Pressure Replacement Gauge	EA	1

Analog Gauges

You need accurate readings, and you need them at a glance. hilmor gauges were made for just that. Simply choose the gauge you need, and put it to work.

Features & Benefits

Easy to Read: Improved graphics and high-contrast colors deliver precise readings at a glance.
Rugged and Durable: High-impact protective boots and steel construction mean dropping it won't ruin your day.

Product Specifications

Accuracy: Class 1 - 1% Accuracy (full scale)
Size: 3-1/8" (80mm) Gauge
Fitting: 1/8" NPT Male connection
Included Parts: Protective boot and dial indicator ring





hilmor

CATALOG NO.	DESCRIPTION	REFRIGERANTS	DIMENSIONS (DEPTH, DIAMETER)	WEIGHT	TEMP.	PRESSURE RANGE	UOM	ORDER MUL.
1839082	Analog Gauge - Low Side (Blue)	R410A	1-3/4", 3-5/8"	6 oz.	F/C	-30 HG/ 300/500 psi	EA	1
1839083	Analog Gauge - High Side (Red)	R410A	1-3/4", 3-5/8"	6 oz.	F/C	0/800 psi	EA	1
1839084	Analog Gauge - Low Side (Blue)	R454B-R32-R410A	1-3/4", 3-5/8"	6 oz.	F	-30 HG/ 360/550 psi	EA	1
1839085	Analog Gauge - High Side (Red)	R454B-R32-R410A	1-3/4", 3-5/8"	6 oz.	F	0/800 psi	EA	1
1839088	Analog Gauge - Low Side (Blue)	R22-134A-410A	1-3/4", 3-5/8"	6 oz.	F	-30 HG/ 120/350 psi	EA	1
1839089	Analog Gauge - High Side (Red)	R22-134A-410A	1-3/4", 3-5/8"	6 oz.	F	0/500 psi	EA	1
1839090	Analog Gauge - Low Side (Blue)	HP22-407C-410A	1-3/4", 3-5/8"	6 oz.	F	0/800 psi	EA	1
1839091	Analog Gauge - High Side (Red)	HP22-407C-410A	1-3/4", 3-5/8"	6 oz.	F	0/800 psi	EA	1
1839092	Analog Gauge - Low Side (Blue)	R22-404A-410A	1-3/4", 3-5/8"	6 oz.	F	-30 HG/ 300/500 psi	EA	1
1839093	Analog Gauge - High Side (Red)	R22-404A-410A	1-3/4", 3-5/8"	6 oz.	F	0/800 psi	EA	1

MANIFOLD GAUGES CONT'D

Analog Gauge Replacement Parts

CATALOG NO.	DESCRIPTION	LOCATION	UOM	ORDER MUL.
1932986	Analog Gauge Lens	1	EA	1
1932947	Low Side Analog Gauge Boot w/Ring	2	EA	1
1932948	High Side Analog Gauge Boot w/Ring	3	EA	1



HOSES

Hoses

Rehvac hoses are designed specifically for air, nitrogen, or CO_2 service. Featuring a 600 psi working pressure and a 2200 psi burst pressure, Rehvac hoses are abrasion resistant and long lasting.



CW-30

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CW-15	Rehvac 15" Whip Hose	EA	1
CW-30	Rehvac 30" Whip Hose	EA	1

Refrigeration Hoses

The hilmor 36" and 60" hoses are designed with smart features including an extra abrasion-resistant layer for tough environments.



1839159

hilmor

Features & Benefits

Superior Protection: An extra abrasion-resistant layer for the tough environments of HVAC/R.

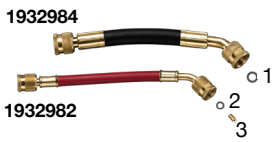
Handles High Pressure: Rated for 800 PSI working pressure to work with high-pressure refrigerants.

Product Specifications

Max. Allowable Working Pressure: 800 PSI
Burst Pressure: 4000 PSI
Operating Temp.: -20°F to 180°F
End Connection: Straight by 45 degree

CATALOG NO.	DESCRIPTION	WEIGHT	DIAMETER	UOM	ORDER MUL.
1839156	36" Hose - Blue	6 oz.	1/4"	EA	1
1839158	36" Hose - Set of 3	6 oz.	1/4"	EA	1
1839159	36" Hose - VAC	6 oz.	3/8"	EA	1
1839150	60" Hose - Red	8 oz.	1/4"	EA	1
1839151	60" Hose - Blue	8 oz.	1/4"	EA	1
1839152	60" Hose - Yellow	8 oz.	1/4"	EA	1
1839153	60" Hose - Set of 3	8 oz.	1/4"	EA	1
1839154	60" Hose - VAC	8 oz.	3/8"	EA	1
1839160	60" Hose - VAC (1/4", 3/8" Ends)	8 oz.	3/8"	EA	1

Refrigeration Hose Replacement Parts



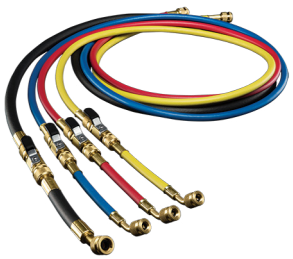
hilmor

CATALOG NO.	DESCRIPTION	LOCATION	UOM	ORDER MUL.
1932984	Hose Gaskets (3/8", Pack of 10)	1	EA	1
1932982	Hose Gaskets (1/4", Pack of 12)	2	EA	1
1932985	Hose Threaded Depressors, Pack of 6	3	EA	1

BALL VALVE HOSES

Refrigeration Hoses with Ball Valve Extensions

Rated for 800 PSI working pressure to work with high-pressure refrigerants. Includes an easy-turn valve for added control of refrigerant loss.



1839143

hilmor

Features & Benefits

Superior Protection: An extra abrasion-resistant layer for the tough environments of HVAC/R.
Handles High Pressure: Rated for 800 PSI working pressure to work with high-pressure refrigerants.

Product Specifications

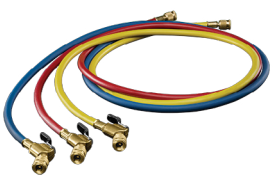
Max. Allowable Working Pressure: 800 PSI
Burst Pressure: 4000 PSI
Operating Temp.: -20°F to 180°F
Hoses End Connection: Straight by Straight Ball Valve Extension
Connection: Straight by 45°

CATALOG NO.	DESCRIPTION	DIAMETER	WEIGHT	UOM	ORDER MUL.
1839140	60" Hose w/Ball Valve Ext - Red	1/4"	15 oz.	EA	1
1839141	60" Hose w/Ball Valve Ext - Blue	1/4"	15 oz.	EA	1
1839142	60" Hose w/Ball Valve Ext - Yellow	1/4"	15 oz.	EA	1
1839143	60" Hose w/Ball Valve Ext - Set of 4	1/4" & 3/8"	3.8 lbs.	EA	1

CATALOG NO.	DESCRIPTION	DIAMETER	WEIGHT	UOM	ORDER MUL.
1839144	60" Hose w/Ball Valve Ext - VAC	3/8"	1.3 lbs.	EA	1
1935930	72" Hose w/Ball Valve Ext - Set of 3	1/4"	3.0 lbs.	EA	1
1936001	72" Hose w/Ball Valve Ext - VAC	3/8"	1.5 lbs.	EA	1
1936002	72" Hose w/Ball Valve Ext - Set of 4	1/4" & 3/8"	4.5 lbs.	EA	1

Refrigeration Hoses with Ball Valve Ends

Our retooled hoses includes an easy turn valve for added control of refrigerant loss. Features an extra abrasion-resistant layer for superior protection in tough conditions. All of our hoses are rated for 800 PSI working pressure to work with the newest high-pressure refrigerants.



1935917

hilmor

Features & Benefits

Minimize Refrigerant Loss: Easy-turn valve for added control of refrigerant loss.
Handles High Pressure: Rated for 800 PSI working pressure to work with high-pressure refrigerants.
Small Space Capable: A compact design allows it to be used even in cramped spaces.

Product Specifications

Max. Allowable Working Pressure: 800 PSI
Burst Pressure: 4000 PSI
Operating Temp.: -20°F to 180°F
Hoses End Connection: Straight by 45 degrees

CATALOG NO.	DESCRIPTION	DIAMETER	WEIGHT	UOM	ORDER MUL.
1935917	48" Hose w/Ball Valve Ext - Set of 3	1/4"	1.8 lbs.	EA	1
1935918	48" Hose w/Ball Valve Ext - Vacuum	3/8"	1.8 lbs.	EA	1
1935924	60" Hose w/Ball Valve Ext - Set of 3	1/4"	1.8 lbs.	EA	1
1935925	60" Hose w/Ball Valve Ext - Set of 4	1/4" & 3/8"	1.8 lbs.	EA	1
1935926	60" Hose w/Ball Valve Ext - Ball Valve	3/8"	1.8/1.0 lbs.	EA	1

HOSE ADAPTERS

Ball Valve Extensions

We all know that controlling refrigerant loss on the jobsite is a big deal. And the hilmor Ball Valve Extension is here to help. It is designed with an extra 6" of hose for additional length.



1839148, 1839149

hilmor

Features & Benefits

Superior Protection: An extra abrasion-resistant layer for the tough environments of HVAC/R.
Handles High Pressure: Rated for 800 PSI working pressure to work with high-pressure refrigerants.

Product Specifications

Max. Allowable Working Pressure: 800 PSI
Burst Pressure: 4000 PSI
Operating Temp.: -20°F to 180°F
End Connection: Straight by 45 degree

CATALOG NO.	DESCRIPTION	LENGTH	WEIGHT	DIAMETER	UOM	ORDER MUL.
1839148	Ball Valve Ext - Set of 3	8"	4 oz.	1/4"	EA	1
1839149	Ball Valve Ext - VAC	8"	4 oz.	3/8"	EA	1

HOSE ADAPTERS CONT'D

Ball Valve Ends



1935915

hilmor

We all know that controlling refrigerant loss on the jobsite is a big deal.
And the hilmor Ball Valve Adapter is here to help.

Features & Benefits

Minimize Refrigerant Loss: Easy-turn valve for added control of refrigerant loss.
Extra Layer: An extra abrasion-resistant layer for the tough environments of HVAC/R.
Handles High Pressure: Rated for 800 PSI working pressure to work with high-pressure refrigerants.

Product Specifications

Max. Allowable Working Pressure: 800 PSI
Burst Pressure: 4000 PSI
Operating Temp.: -20°F to 180°F
End Connection: Straight by 45 degree

CATALOG NO.	DESCRIPTION	LENGTH	WIDTH	HEIGHT	WEIGHT	DIAMETER	UOM	ORDER MUL.
1935915	Ball Valve Ends - Set of 3	9.5"	1"	4.25"	0.8 lbs.	1/4"	EA	1

VALVE CORE REMOVAL

Valve Core Removal Tool



1947967 1947968

hilmor

Valve Core Removal Tools are designed to make work more efficient, but there's nothing efficient about losing tools or equipment. The hilmor Valve Core Removal Tool has a built-in rare earth magnet on the back of the plunger for convenient jobsite storage. After removing the core for evacuation or change-out, the plunger and valve core can be stored on the side of the unit. The tool comes in both 1/4" and 5/16" sizes. The hilmor Valve Core Removal Tool uses a spring gripper, as opposed to an O-ring to grab valve cores, increasing the life of the tool.

Features & Benefits

Jobsite Storage: Built-in rare-earth magnet for convenient plunger storage, minimizing lost parts on the job.
Superior Versatility: Vacuum tested to 20 microns and tested to 800 PSI working pressure.
Reliable Core Gripper: Securely and confidently remove valve cores for unrestricted flow.
Vacuum Gauge Port: 1/4" side flare to easily connect a vacuum gauge.

Product Specifications

Max. Allowable Working Pressure: 800 PSI
Burst Pressure: 4000 PSI
Operating Temp.: -20°F to 180°F

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	CONNECTION SIZE	UOM	ORDER MUL.
1947967	Valve Core Removal Tool	2-1/2" x 5-3/4" x 7-7/8"	8 oz.	1/4"	EA	1
1947968	Valve Core Removal Tool	2-1/2" x 5-3/4" x 7-7/8"	8 oz.	5/16"	EA	1

Valve Core Removal Tool



301



VCRT-1

Designed to remove and replace valve cores without losing the refrigerant charge. Connects to any 1/4" male flare fitting. Saves time, saves refrigerant.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
301	Valve Core Removal Tool	EA	1
VCRT-1	Valve Core Removal Tool	EA	1

GENERAL TOOLS

Hydrogauge



6-HG15

Economical Pressure measurements.
- Replaces ordinary U-tube manometers
- Measures gas pressure easily and efficiently
- Direct reading, no plus or minus readings to add together as in old fashioned U-tubes
- Fills like a glass of water, no more air bubbles
- Strong magnet for mounting
- Heavy-duty construction
- Made of industrial grade, flexible PVC plastic
- Lightweight; Easy to use
- 6-HG15 water column height: 15"
- Plastic: 30" to 36" of industrial grade flexible plastic
- Hose fitting: All brass

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-HG15	Hydrogauge Manometer	EA	1

007 Control Checker



TC-007

A lifetime tool for monitoring and checking safety controls and operating controls. One unit for all voltages 24-460 VAC or DC without switching dials or meters. Compact, 4 oz, reliable. Saves troubleshooting. For normally closed controls, 007 connects in parallel with safety control. When the safety control opens in response to a problem in the system, 007 red LED turns on and remains on until reset manually. With intermittent problem, the LED remains on indicating the control is open. For operating controls, 007 verifies the status of all types indicating if there is power to the holding coil, the NC contact is open or closed, the thermostat contacts are open or closed, there is power to the contactor or starting holding coil, the overloads are open or closed, or there is a bad connection either on control or power side. NOTE: May use with lockout relays. Features battery check and reset switch. Includes 9-volt battery. 007 may be used over and over.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
TC-007	007 Control Checker	EA	1

U.S. Pat. No. 4,092,625.

Refractometer

The Refractometer can measure the freezing point of coolants, glycol and the Charge Condition of Batteries.



6-REF401

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-REF401	Refractometer	EA	1

Gas Pressure Test Kit



6-GPK035

Rugged, Heavy Duty Field Use.
- Measure Natural gas (methane) or LP gas pressure across appliance manifolds.
- Test gas stoves, furnaces, dryers and other gas appliances. Can also be used for other non-corrosive gases.
- Large 2" sensitive diaphragm gauge is calibrated in inches of water column, also shows ounces per square inch
- Magnified lens
- Easier to use than a manometer
- Range: 0 to 35 inches of water column (in. H_2O) 0 to 20 ounces per square inch (oz./in^2)

Includes: 2" sensitive diaphragm gauge; 3' of rubber tubing; brass fitting for quick connection to the appliance manifold 3/8" NPT; molded hard case.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-GPK035	Gas Pressure Test Kit	EA	1

Tattle-Tale Control Monitor



TT-24

Identifies open controls in seconds. A single use monitoring device for determining which, safety control has opened in response to a malfunction. Saves wasted hours tracing a safety control shutdown, even if intermittent. A quick, inexpensive way to visually spot where the problem is. Simply install in parallel with each safety control. When a control opens, the red indicator flag pops up. You will know immediately which area of the system is experiencing problems. Disposable, safe, simple to use, and pocket sized. Monitors safety controls, fuses, overload relays, motor protectors, freeze controls, limit controls, safety switches, fusible links, or steam control. CAUTION: Not to be used with lockout relays, use TC-007.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
TT-120	Tattle-Tale Control Monitor - 120 Volt AC or DC, pack of 3	PK	1
TT-24	Tattle-Tale Control Monitor - 24 Volt AC or DC, pack of 3	PK	1
TT-240	Tattle-Tale Control Monitor - 240 Volt AC or DC, pack of 3	PK	1

Tolerance on all voltages shown is ± 20%. U.S. Pat. No. 4,250,480.

Deluxe Hi-Tension Hacksaw



540-278HX0002



540-278BM0024

Hackframe featuring handle and end pieces made of die cast aluminum. Lightweight yet rigid and highly tensioned (up to 25,000 psi) for cleaner, surer cut. Permanent blade pins feature versatile angling (up to 55°) for flush cutting. Blade can be inserted in handle to be used as compass saw. Frame will fit most standard tool boxes.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-278HX0002	Hacksaw Frame with Blade	EA	1
540-278BM0024	Replacement Blades for Hacksaw Frame 12" x 24T	EA	10

GENERAL TOOLS CONT'D.

Liquid Charger



LC500

Liquid low side charging adapter. For use with all CFC, HCFC and HFC refrigerants on 1/2 ton and larger units. 1/4" female SAE flare inlet , 1/4" male SAE flare outlet.

Features & Benefits
Less Work: Eliminates the need to heat the refrigerant.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
LC500	Liquid Charger	4.4" x 1" x 1"	0.65 lbs.	EA	1

T-50 Series Staples and Staple Guns



540-T50MOC

The #1 selling staple gun in the world! Used extensively by building contractors, home do-it-yourselfers and specialty trade applications for tacking insulation, ceiling tile, window screening, cornerite, and 1001 other jobs ranging from light to heavy duty work. The T-50 Outward Clinch Staple Gun is ideal for fiberglass ductwork.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-506	3/8" Leg Staples for T50 Staple Guns (1,250)	EA	4
540-508	1/2" Leg Staples for T50 Staple Guns (1,250)	EA	4
540-509	9/16" Leg Staples for T50 Staple Guns (1,250)	EA	4
540-T50M	T50M Heavy Duty Staple Gun Tacker	EA	1
540-T50MOC	T50MOC Outward Clinch Staple Gun	EA	1

Bi-Metal Reciprocating Saw Blades



Premium high speed steel with a flexible alloy back. Bi-metal blades fit all reciprocating saws with 1/2" shank.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-R8CCRF	Cast Iron-Ceramic Tile Carbide Grit 8" Long	EA	1
540-RB125W	12" x 6T Wood and Nail 3/4" x 12" x .050	EA	5
540-RB414M	4" x 14T Short Metal Cutting 3/4" x 4" x .035	EA	5
540-RB418M	4" x 18T Short Metal Cutting 5/8" x 4" x .035	EA	5
540-RB610H-DM	6" x 10T HD Metal Cutting 3/4" x 6" x .035	EA	5
540-RB614H-DM	6" x 14T HD Metal Cutting 3/4" x 6" x .035	EA	5
540-RB618H-DM	6" x 18T HD Metal Cutting 3/4" x 6" x .035	EA	5
540-RB624H-DM	6" x 24T HD Metal Cutting 3/4" x 6" x .035	EA	5
540-RB636DW	Drywall Cutting with V Head 5/8" x 6" x .035	EA	5
540-RB636W	6" x 6T Wood and Nail Slope 3/4" x 6" x .050	EA	5
540-RB656WS	6" x 6T Wood and Nail Scroll 3/4" x 6" x .050	EA	5
540-RB810H-DM	8" x 10T HD Metal Cutting 3/4" x 8" x .035	EA	5
540-RB814H-DM	8" x 14T HD Metal Cutting 3/4" x 8" x .035	EA	5
540-RB956W	9" x 6T Wood and Nail 3/4" x 9" x .050	EA	5

Cable Tie Tensioning Tool



1891190

The hilmor Cable Tie Tensioning Tool can relieve the stress of the job. It seamlessly tightens heavy and lightweight cable, and cuts excess material with its easy-to-use lever.

Features & Benefits
Versatility: Works with both light and heavy-duty nylon cable ties.
Clean Cut: Easy-to-use cutting lever allows for flush cutting of excess material.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891190	Cable Tie Tensioning Tool	7-5/8" x 3-7/8" x 5/8"	10 oz.	EA	1

4-Piece Hook and Pick Set



MHP-4

For separating wires, removing small fuses, "O" rings, retrieving washers and loose parts too small to pick up with your fingers. Bright-dipped, anodized hex-shaped aluminum handles with powerful magnet on end. Handy screw-in hook, pick, point and scribe. High carbon polished needle steel. All in a compact zip-lock vinyl pouch that fits in your shirt pocket! Set includes four screw-in tips plus handle.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MHP-4	4-Piece Hook and Pick Set	EA	1

Test Leads



FTL3

Alligator clips are covered by pure vinyl boots for flexibility at any temperature without cracking.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ACK4	2 Red and 2 Black Boots w/4 Alligator Clips	EA	1
FTL3	Pair, Red and Black – 36"	EA	1
FTL3D	Pair, Red and Black – Super Heavy Duty – 36"	EA	1

Multi Color Test Leads



CT800

Easy to use multi-colored test leads. 5 colors (white, red, black, yellow, green) with 2 connections each for easy testing on the job. Wire is 18 gauge, 18" long.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CT800	Multi Color Test Leads	EA	1

Test Cord (Female)



6-CT700F

Heavy duty red and black boots are on this cord. The cord has large clips, 3 wires, and is 24 in. With this cord, you can get power in remote areas without an 110V outlet. The voltage is 3 to 20V and has 125 AMPs. The wire gauge is 16 and the weight is .36 lb.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-CT700F	Test Cord (Female)	EA	1

GENERAL TOOLS CONT'D.

Magjumper

Magjumper from DiversiTech is a magnetic jumper for low voltage troubleshooting. It features a 20" length with magnetic tips that won't pop off like alligator clips sometimes can. It stays flexible even in cold weather and is perfect for recessed terminals. Magjumper is ideal for use on control boards, zone panels, thermostats, hydronics and automation controllers.



CT800

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MAG-1	Magjumper Terminal Kit	EA	1

Test Leads

These are replacement leads.



5031

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5031	Low Voltage test Leads; eight 22" long, color-coded leads with fully insulated alligator chips	EA	1
5041	Small Hook Type Low Voltage Test Leads; retractable hooks, 36" thermoplastic 22 gauge wire, nylon body/plunger, red/black	EA	1
5042	Large Hook Type Low Voltage Test Leads; retractable hooks, 36" PVC insulated 20 gauge wire, nylon body/plunger, red/black	EA	1
5046	Flexible Test Leads; steel alligator clips with vinyl red and black insulators; 36" 20 gauge wire; extremely flexible	EA	1

Clips

The clips are alligator clips and have vinyl red and black insulators.



5033

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5033	Steel Alligator Clips for use with test probes (.075"-.080"); 1-31/32" long; jaws open 5/16" max., pack of 2 red, 2 black, 4 clips	PK	1
5035	Copper Alligator Clips; 1-31/32" long; jaws open 5/16" max.; crimper slotted screw connection, pack of 2 red, 2 black, 4 clips	PK	1
5036	Steel Test Clips; 20A, 2-7/16" long; jaws open 5/8" max.; crimper slotted screw connection, pack of 1 red, 1 black, 2 clips	PK	1

Blind Rivet Tools

Heavy duty hand rivet tool that offers long handles to increase leverage and to secure the rivet in the nosepiece while the tool is in use. Powerful riveting capacity with 4 standard nosepieces to set 3/32", 1/8", 5/32", and 3/16" blind rivets.



5107

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5107	Heavy-duty tool; 4 interchangeable nose pieces to accommodate 3/32", 1/8", 5/32", 3/16" steel or aluminum rivets	EA	1

Cable Markers

Cable markers come in books of 450 markers with matching terminal markers. Markers are mounted on dispenser cards in the book. Cable markers are suitable for above and below ground applications. Books are made of vinyl impregnated cloth that resists moderate amounts of dirt, oil and heat. The blank Write-On Markers (WM1014) are made of durable vinyl film that resists water, oils, and fungus. They can also withstand extremes in temperature.



WM1002

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
WM1002	Alpha-Numeric Cable Marker Book; contains 10 each: A-Z, 0-15, +, -, /	EA	36
WM1003	Numeric Cable Marker Book; contains 10 each: 1-45	EA	36
WM1009	Line and Terminal Cable Marker Book; contains 45 each: 1, 2, 3, A, B, C; contains 30 each: T1, T2, T3, L1, L2, L3	EA	24
WM1014	180 Blank Write-On Markers, 1/2" x 1-1/2"	EA	12

Grease Fittings

Case hardened steel fittings plated with yellow dip chromate and built-in ball checks. Assortment available in clear plastic box.



6311



6322

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6311	Grease Fittings: 1/4"-28 Tapered Thread; straight, pack of 8	PK	1
6312	Grease Fittings: 1/8" Pipe Thread; straight, pack of 5	PK	1
6321	Grease Fittings: 1/4"-28 Tapered Thread; 90°, pack of 3	PK	1
6322	Grease Fittings: 1/8" Pipe Thread; 90°, pack of 3	PK	1
6310X	Assortment includes: 6311, 6312, 6321, 6322	PK	1

BRUSHES

Chip Brushes

100% pure bristle, wood handle. Poly sleeve over bristles. Inexpensive (use once and throw away). Excellent for applying duct adhesive.



B-501

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-501	Chip Brush – 1"	EA	36
B-502	Chip Brush – 1-1/2"	EA	36
B-503	Chip Brush – 2"	EA	24
B-504	Chip Brush – 2-1/2"	EA	12
B-505	Chip Brush – 3"	EA	12

Tin Handle Acid Brushes

Manufactured with electrolyte tin plate and filled with 100% pure stiff horsehair, tied with a steel staple. This combination gives lasting qualities when used with heat and acids or other cleaning agents.



B-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-1	Tin Handle Acid Brush 3/8"	EA	144
B-2	Tin Handle Acid Brush 1/2"	EA	144

BRUSHES CONT'D

Welder's Brush

Stainless steel bristles used for cleaning all metals. Great for cleaning aluminum prior to soldering.



B-4

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-4	Welder's Brush	EA	12

Fin Whisk

A plastic handled whisk for cleaning condenser and evaporator fins.



B-26

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-26	Fin Wisk Brush	EA	12

2-in-1 Copper Tube Cleaning Brush

Easy to hold combination tool that really works. One end cleans the fitting. The other cleans the tube.



B-998

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-998	2-in-1 Copper Tube Cleaning Brush – 3/4" ID (7/8" OD)	EA	1

Carbon Steel Curved Handle Scratch Brush

Carbon Steel Curved Handle Scratch Brushes are used for general purpose cleaning.



B-10

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-10	Carbon Steel Curved Handle Scratch Brush	EA	1

Refrigerator Coil Brush

Clean refrigerator coils, fan blades and areas under and behind appliances. 27-1/2" in length with 11-3/4" brush length. Bristles are 3/4" on the end tapering to 1-1/2" toward the handle.



B-27

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-27	Refrigerator Coil Brush	EA	1

Condenser/Heat Exchanger Brushes

Ideal for cleaning mineral deposits from inside metal tubes. Especially recommended for use with power tools, although handle for manual use is available.



B-622

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-622	Condenser/Heat Exchanger Brush – 3/4" Brass 12-24 Female	EA	1

Parts Cleaning Brush

The heavy duty black polypropylene bristles are secured in a strong plastic handle.



542-25015

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
542-25015	Parts Cleaning Brush	EA	12

Duct Cleaning Brush

These brushes are made of black fiber bristles twisted in wire. They are 1-1/8" diameter by 7" brush x 48" overall length. These are idea for cleaning hard to reach areas in duct work.



542-76220

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
542-76220	Duct Cleaning Brush	EA	1

BRUSHES CONT'D

Copper Tube Fitting Brushes

Highest quality brushes to clean fittings faster, easier and more safely. Made with strong, resilient, rustproof stainless steel bristles secured in a 4-ply wire with easy-to-grip plastic handle. Economy models feature same quality stainless steel, but secured in 2-ply wire.



B-927

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-124	Copper Tube Fitting Brush – Economy 1/4" O.D., 9/32" Brush Dia.	EA	6
B-125	Copper Tube Fitting Brush – Economy 3/8" O.D., 13/32" Brush Dia.	EA	6
B-126	Copper Tube Fitting Brush – Economy 1/2" O.D., 17/32" Brush Dia.	EA	6
B-127	Copper Tube Fitting Brush – Economy 5/8" O.D., 11/16" Brush Dia.	EA	6
B-128	Copper Tube Fitting Brush – Economy 3/4" O.D., 13/16" Brush Dia.	EA	6
B-129	Copper Tube Fitting Brush – Economy 7/8" O.D., 15/16" Brush Dia.	EA	6
B-131	Copper Tube Fitting Brush – Economy 1-1/8" O.D., 1-1/4" Brush Dia.	EA	6
B-132	Copper Tube Fitting Brush – Economy 1-3/8" O.D., 1-1/2" Brush Dia.	EA	6
B-924	Copper Tube Fitting Brush – Economy 1/4" O.D., 9/32" Brush Dia.	EA	1
B-925	Copper Tube Fitting Brush – Economy 3/8" O.D., 13/32" Brush Dia.	EA	1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-926	Copper Tube Fitting Brush – Economy 1/2" O.D., 17/32" Brush Dia.	EA	1
B-927	Copper Tube Fitting Brush – Economy 5/8" O.D., 11/16" Brush Dia.	EA	1
B-928	Copper Tube Fitting Brush – Economy 3/4" O.D., 13/16" Brush Dia.	EA	1
B-929	Copper Tube Fitting Brush – 7/8" O.D., 15/16" Brush Dia.	EA	1
B-930	Copper Tube Fitting Brush – 1" O.D., 1-1/8" Brush Dia.	EA	1
B-931	Copper Tube Fitting Brush – 1-1/8" O.D., 1-1/4" Brush Dia.	EA	1
B-932	Copper Tube Fitting Brush – 1-3/8" O.D., 1-1/2" Brush Dia.	EA	1
B-934	Copper Tube Fitting Brush – 1-5/" O.D., 1-3/4" Brush Dia.	EA	1
B-935	Copper Tube Fitting Brush – 2-1/8" O.D., 2-1/4" Brush Dia.	EA	1

COMPRESSOR TOTE

Compressor Tote

Makes light work of a heavy job. Powder coated, strong steel construction. Recommended for use with all compressors up to 5 tons. Compatible with high efficiency compressors. Pick up a compressor from its box. Carry a compressor up a ladder. Now with black protective finish.



ACT-6

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ACT-6	Compressor Tote	EA	6

FIN TOOLS

Fin Straightening Tools

A condensor should work as efficiently as you. These tools make it easy to remove debris and straighten fins.



CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	UOM	ORDER MUL.
T-100	Fin Tool Kit	8, 9, 10, 11, 12, 14 FPI	5-3/4" x 2" x 1-1/2"	EA	1
T-101	Fin Tool Kit	13, 15, 16, 17, 18, 20 FPI	5-3/4" x 2" x 1-1/4"	EA	1
T-300	Fin Tool	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20 FPI	12-1/4" x 4" x 1-1/2"	EA	1
T-400	Fin Tools - Set of 6	8 & 10, 9 &15, 11 & 13, 12 & 14, 16 & 17, 18 & 20 FPI	7-1/2" x 2-3/4" x 1-1/4"	EA	1
T-412	Fin Comb	12 and 14 FPI	8-3/4" x 2-1/4" x 1/2"	EA	1
T-417	Fin Comb	16 and 17 FPI	8-3/4" x 2-1/4" x 1/2"	EA	1
T-418	Fin Comb	18 and 20 FPI	8-1/2" x 2-1/4" x 1/2"	EA	1

Fin Whisk

A plastic handled whisk for cleaning condenser and evaporator fins.



B-26

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
B-26	Brush, Fin Whisk	PK	12

INSPECTION MIRRORS

Inspection Mirrors

Leaks can't hide anymore with hilmor Inspection Mirrors. With handles that extend, the telescoping inspection mirrors truly do go above and beyond.



hilmor M-1 M-2 M-3 M-5

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
M-1	1-1/4" Circular Telescoping Mirror, Handle Extends 6-1/4" to 18-1/4"	10" x 1/4" x 2-1/2"	3.2 oz.	EA	1
M-2	2-1/4" Circular Telescoping Mirror, Handle Extends 10" to 14"	12-1/2" x 1/4" x 3-1/4"	2.2 oz.	EA	1
M-3	2-1/8" x 3-1/2" Rectangular Telescoping Mirror, Handle Extends 11-1/4" to 15-1/4"	14-1/2" x 1/2" x 4"	3.8 oz.	EA	1
M-5	1" x 2" Oval Telescoping Mirror, Handle Extends 8" to 21"	9-3/4" x 3/4" x 2-1/4"	3.2 oz.	EA	1

PURGE TOOLS

Nitrogen Purge Tool

The Nitrogen Purge Tool is a quick and easy way to purge copper pipes with nitrogen. Then, with a turn of the dial, quickly switch to a very low flow of nitrogen to properly braze the copper. It has a durable aluminum design so you can just throw it into your tool bag when you are done.



DP-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DP-1	Nitrogen Purge Tool	EA	1

Nitrogen Purge Tool

The hilmor Nitrogen Purge Tool is rugged and durable - a lot like you.

Features & Benefits

Regulates Nitrogen Flow: Designed to regulate flow with 50 PSI inlet pressure. Maximum pressure of 200 PSI.
Quick Change Dial: No flow indicator valve needed. Purge setting = 25-35 scfh @ 50 PSI, Braze setting = 3-6 scfh @ 50 PSI.



HMNPT01

hilmor

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
HMNPT01	Nitrogen Purge Tool	2" x 3" x 2"	1 lb.	EA	1

REAMERS

Deburring Tool

Whether they're inside or outside, copper or plastic, hilmor Deburring Tool can smooth things over. Our Pocket Size Deburring Tool lets you put your silky-smooth signature on even the smallest pieces of tubing.



1891258

hilmor

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891258	Deburring Tool	5-1/2" x 3/8" x 3/8"	7 oz.	EA	1

Deburrer, 1/4 in. - 5/8 in.

Whether they're inside or outside, copper or plastic, hilmor Deburring Tools can smooth things over. With steel blades, the standard Deburrer works flawlessly on OD tubing from 1/4" to 1-5/8".



1839052

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X D)	WEIGHT	UOM	ORDER MUL.
1839052	Deburring Tool	5" x 9" x 2.38"	0.14 lb	EA	1

Swivel Head Deburring Tool

This Swivel Head Deburring Tool has the professional quality and the performance of a higher price deburring tool without the price tag. This product has two interchangeable blades.



6-T482

CATALOG NO.	DESCRIPTION	HANDLE LENGTH	UOM	ORDER MUL.
6-T482	Swivel Head Deburring Tool	5-1/8" (130mm)	EA	1

Deburring Tool

The rotary style blade is perfect for removing burrs from holes and edges. Large ergonomic handle reduces user fatigue. Ships complete with two heavy duty blades - extra blade stores inside the handle. For copper, steel, aluminum, zinc, cast iron, brass and plastic tubing.



210-F

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
210-F	Rotary Deburring Tool	1.05" x 2.4" x 8.4"	0.95 lb.	EA	1

Inner/Outer Reamer

Reams both inside and outside edges of tube at a 60° included angle with hardened cutting blades. Deburrs both clockwise and counterclockwise. For 3/16" to 1-1/2" (5 mm to 38 mm) O.D. copper, aluminum and brass tubing.



208-F

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
208-F	Inner/Outer Reamer	1" x 1" x 1"	1 lb.	EA	1
208-FSS	SS Inner/ Outer Reamer	3.15" x 2.25" x 2.2"	0.63 lb.	EA	1

THERMOMETERS

Digital Thermometer

Temperature range from -40°F to 230°F.



541-300

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
541-300	Digital Thermometer	EA	1

Deluxe Digital Pocket Thermometer

Deluxe Digital Pocket Thermometers are water and drop resistant and have a rugged construction. There is an auto power off and an F/C Switch. The probe is 2.5 in. and the range is from -40 degrees F to 300 degrees F or -40 degrees C to 150 degrees C. This thermometer comes with a protective cover with clip.



6-HDT304K

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-HDT304K	Deluxe Digital Pocket Thermometer	EA	1

Horizontal Refrigerator/ Freezer Analog Thermometer

With this analog thermometer, you can use it either hanging or free standing. The easy to ready display can be seen with a horizontal reading. Both F and C scales are reflected on the thermometer and the range is -40° to 80°F (-40° to 27°C).



6-FT80H

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-FT80H	Horizontal Refrigerator/Freezer Analog Thermometer	EA	1

Analog Pocket Thermometer with Magnifying Lens

- Range 6-320: -40° to 160°F
- Range 6-321: -0° to 220°F
- Rugged stainless steel probe

Includes: Protective sheath with pocket clip.



6-321

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-321	Analog Pocket Thermometer: Range - 0 deg. to 220 deg. F	EA	1

Refrigerator/Freezer Analog Thermometer

This analog thermometer is stainless steel and can be used either hanging or free standing. The easy to read round dial is in F only. There are temperature indicators with a range -20° to 80°F (-29° to 27°C).



6-FT80R

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-FT80R	Refrigerator/Freezer Analog Thermometer	EA	1

Dual Readout Thermometer

Features & Benefits

Makes Calculations Easier: The industry's only manifold-compatible compact thermometer with two readings to help simplify the calculation of superheat and subcool.

Superior Versatility: Use it on any gauge set, or remove it and use it independently.

Reads Temperatures Quickly: Two easy-to-use, K-style tube-clamp thermocouples get you to the temperature reading quickly.



1839106

Product Specifications

Two Thermocouples: 1839108 TCC Thermocouple Clamp Included
Batteries: AA x 1 (included)
Battery Life: 151 hours
Connection Type: K
Temperature: -76°F to 999.9°F
Resolution: .10° F/C
Accuracy: +-2.0 C°/+-3.6°F
Operating Temperature Range: 0°C to +50°C (LCD)



hilmar

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839106	Dual Readout Thermometer	1-3/4" x 1-5/8" x 3-7/8"	11 oz.	EA	1

THERMOMETERS CONT'D

Thermocouple Clamp

Get right to it on up to 1-1/8" tubing with hilmor's Thermocouple Clamp. A K-style connection offers a secure fit and is easy to use with other devices. It is a perfect pairing for the hilmor Dual Readout Thermometer. When the job is done, it is easy to stow it away. Simply wrap the thermocouple wire around the handle, and secure the plug into the clamp.



1839108

Features & Benefits

Fast, Precise Readings: Gets right to the temperature reading up to 1-1/8" tubing.
Secure Connection: K-style connection provides a tight fit and easy use with other devices.
Secure Storage: Stow it away simply by wrapping the thermocouple wire around the clamp and securing the plug.

Product Specifications

Connection Type: K
Accuracy: +-2.0°C/+-3.6°F
Operating Temperature (plastic): -40°F to 250°F

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839108	Thermocouple Clamp	5-1/4" x 7/8" x 3-1/4"	3 oz.	EA	1

GASSES

Map-Pro and Propane

Map-Pro and Propane Gas are tanks that can be used to weld products.



525-MT1 525-PT1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
525-MT1	Map-Pro Gas - 14 oz.	EA	12
525-PT1	Propane Gas - 14.1 oz.	EA	12

TORCHES

Portable Hand Torch

Self igniting hand torch eliminates the need for a flint lighter. Lightweight and portable, this flame tool can be operated with Propane or Map-Pro (Propylene). Features trigger lock with instant safety release, full size comfort grip and 360° swivel tip. Operates in any position, even upside down. Includes swirl combustion tip end.



525-TORCH

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
525-TORCH	Portable Hand Torch	EA	1

Spark-Key Torch Ignitor

A safe, easy and reliable way to ignite a torch. No batteries needed, works with all gas torches, lights first time and every time, and good for over 100,000 strikes.



580500

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
580500	Spark-Key Torch Ignitor	EA	1

REPLACMENT - RECOVERY CYLINDERS

Refrigerant Recovery Cylinders

Rehvac aluminum nitrogen cylinders from DiversiTech are commonly used in the HVAC industry for line cleaning and purging, pressure testing and braze purging. Made in the USA.



02053 02100

CATALOG NO.	DESCRIPTION	DOT CLASS	3/4" NPT PLUG	FLOAT SWITCH	WATER CAP.	TARE WT.	UOM	ORDER MULTIPLE
02033	30 lb.	4BA400	YES	NO	26.2 lbs.	17 lbs.	EA	1
02053	50 lb.	4BA400	YES	NO	47.7 lbs.	28 lbs.	EA	1
02100	100 lb.	4BW400	NO	NO	123 lbs.	48 lbs.	EA	1
02255	250 lb.	4BW260	YES	NO	239 lbs.	85 lbs.	EA	1

Caution: Never overfill cylinders. Maximum refrigerant capacity is limited to 80% of the water capacity of the cylinder in lbs. (see table above). DOT requires cylinders to be retested every five years. Some recovery equipment uses weight scales to cut off refrigerant fill at 80% of capacity. Be sure cylinder tare weight is correct for this type of equipment.

DOT Classification Example: 4BA400: 400 psi working pressure; 800 psi test pressure (double the working pressure); 1,600 psi minimum burst pressure (double the test pressure). Pressure relief/safety valve is set to release at between 75-100% of the test pressure. For example, in the 4BA400 tanks which have a 800 psi test pressure, the relief valve opens at between 600 psi and 800 psi.

REPLACMENT - RECOVERY CYLINDERS CONT'D

Nitrogen Cylinders

Rehvac aluminum nitrogen cylinders from DiversiTech are commonly used in the HVAC industry for line cleaning and purging, pressure testing and braze purging. Made in the USA.



N20-SD

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
N20-SD	Rehvac Nitrogen Cylinder 57 cu ft	EA	1

CO_2 Cylinders

Rehvac aluminum CO_2 cylinders from DiversiTech are commonly used in the HVAC industry for condensate line cleaning.



C10

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
C10	Rehvac 10# Aluminum Cylinder	EA	1
C1-2-6	Rehvac 1.2# Cylinder	EA	1
C20	Rehvac 20# Aluminum Cylinder	EA	1
C2-5	Rehvac 2.5# Cylinder	EA	1
C5	Rehvac 5# Aluminum Cylinder	EA	1

SNIPS

Aviation Snips



1891135

hilmor

Cut sheet metal, duct, stainless steel. Oh, and time. hilmor Aviation Snips feature color-coded handles that make finding the right tool quick and easy. Plus, they have a comfortable grip and durable blades.

Features & Benefits

Rugged and Durable: High-carbon steel blades and a reinforced chrome silicon spring increase life and durability.
Quick Identification: Color-coded handle inserts and splines make identification simple.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.

CATALOG NO.	DESCRIPTION	CAPACITY CRS	CAPACITY SS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891133	Left Cut Aviation Snip	18ga	22ga	10-3/8" x 3-1/2" x 7/8"	1.1 lbs.	EA	1
1891134	Right Cut Aviation Snip	18ga	22ga	10-3/8" x 3-1/2" x 7/8"	1.1 lbs.	EA	1
1891135	Straight Cut Aviation Snip	18ga	22ga	10-3/8" x 3-1/2" x 7/8"	1.1 lbs.	EA	1
1891172	Left/Right/Straight Cut Aviation Snip	18ga	22ga	10-3/8" x 9-1/2" x 9-1/2"	3.3 lbs.	EA	1
1891136	Bulldog Aviation Snip	16ga	20ga	9-1/2" x 3-1/2" x 7/8"	1.0 lbs.	EA	1
1891137	Left Cut Offset Aviation Snip	18ga	22ga	10-1/4" x 3-1/4" x 1"	1.1 lbs.	EA	1
1891138	Right Cut Offset Aviation Snip	18ga	22ga	10-1/4" x 3-1/4" x 1"	1.1 lbs.	EA	1

Aluminum Handle Snips



1891173

hilmor

If longer, cleaner cuts are your thing, this pair of snips is for you. It's lightweight, aluminum composition makes this tool easy to handle and comfortable in your hands.

Features & Benefits

Rugged and Durable: Lightweight aluminum construction and replaceable blades increase life and durability.
Less Work: A 3-1/2" cut length requires fewer cuts to complete the job.
Added Versatility: Use either right or left hand to easily make cuts.

CATALOG NO.	DESCRIPTION	CAPACITY - CRS	CAPACITY - SS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891173	Aluminum Handle Snips	24ga	28ga	13" x 4" x 1/2"	1.2 lbs.	EA	1
1891174	Replacement Blade	NA	NA	NA	NA	EA	1

SNIPS CONT'D

V-Notcher



1891180

This tool puts the V-notch in HVAC/R. It's perfect for making clean 30° V-shaped cuts in sheet metal without distorting or crimping the material.

Features & Benefits

Rugged and Durable: High-carbon steel blades and a reinforced chrome silicon spring increase life and durability.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
V-Notcher: Cuts V-shaped notch in sheet metal.

CATALOG NO.	DESCRIPTION	CAPACITY - CRS	CAPACITY - SS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891180	V-Notcher	18ga	22ga	9-1/4" x 3" x 7/8"	1.2 lbs.	EA	1

Snap Lock Punch



1891182

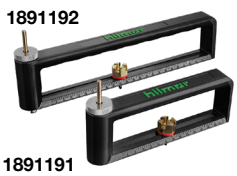
You've heard the saying. A screw is temporary, but the Snap Lock Punch is forever. This tool can join sheet metal, duct or pipe in a snap for a hold that lasts a lifetime.

Features & Benefits

Rugged and Durable: Stainless steel blades and a reinforced chrome silicon spring increase life and durability.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
Snap Lock Punch: For joining sheet metal, duct and pipe.

CATALOG NO.	DESCRIPTION	CAPACITY - CRS	CAPACITY - SS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891182	Snap Lock Punch	18ga	22ga	8-7/8" x 3" x 7/8"	1.1 lbs.	EA	1

Hole Cutters



1891192
1891191

Power and precision. Cut holes in sheet metal like a knife through butter, and make them precise with metric and standard scales. Handles 2" to 20" holes.

Features & Benefits

Rugged and Durable: Includes a lightweight aluminum frame, with a milled bit for life and durability.
Added Versatility: Get two-in-one capabilities with both inch and metric scales.
Perfect Fit: Fits into any corded or cordless drill with a 1/4" or larger chuck.

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891191	Hole Cutter	2" to 12"	7" x 3" x 1"	1.1 lbs.	EA	1
1891192	Hole Cutter	2" to 20"	11" x 3" x 1"	1.5 lbs.	EA	1
1891193	Hole Cutter Replacement Bit	NA	NA	NA	EA	1

Duct Slitting Tool



1890990

Don't let its unassuming design fool you. The Duct Slitting Tool can pierce, slit or scribe with the best of them.

Features & Benefits

Comfortable Grip: Over-molded handle reduces hand fatigue and won't slip or twist.
Extra Versatility: Designed to scribe lines or pierce and enlarge holes in sheet metal.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1890990	Duct Slitting Tool	9-3/8" x 1-1/4" x 1-1/4"	6 oz.	EA	1

Duct Knife



1891331

It's time to cut ties with your old knife. The hilmor Duct Knife's hardened stainless steel blade can cut through duct board with silky, smooth precision.

Features & Benefits

Rugged and Durable: A hardened stainless steel blade increases life and durability.
Comfortable Grip: Over-molded handle reduces hand fatigue and won't slip or twist.
Added Versatility: Serrated and standard cutting edges made to cut duct board and flexible duct.
Simple Storage: A puncture-resistant nylon sheath with a belt loop allows for quick and easy storage.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891331	Duct Knife	11-5/8" x 5/8" x 1-3/8"	10 oz.	EA	1

BENDING AND BRAKING

Pocket Brake



HPB1701

The hilmor Pocket Brake is a portable sheet metal scoring tool that permits quick and precise, on the job, sheet metal fabrication.

Features & Benefits

Flexibility & Speed: Save time by performing onsite sheet metal fabrication.
Jobsite Fabrication: Ambidextrous design with twin metal scoring wheels provides a stable and accurate sheet metal scoring tool.
Ergonomic Design: Ergonomic design permits ambidextrous use.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
HPB1701	Pocket Brake	4.33" x 2.90" x 2.85"	2 lbs.	EA	1

Hand Seamers



1891183
1891184
1891185

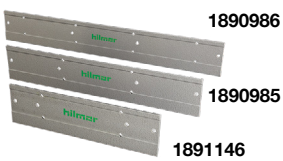
They can bend sheet metal. Flatten it. And flat-out get the job done. 1/4" depth marks ensure an accurate bend, and a reinforced spring stands the test of time.

Features & Benefits

Rugged and Durable: Stainless steel blades and a reinforced chrome silicon spring increase life and durability.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
Quick Identification: 1/4" depth marks on the blades allow for quick bends.
Seamer: For bending and flattening sheet metal.

CATALOG NO.	DESCRIPTION	SIZES	CAPACITY - CRS	CAPACITY - SS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891185	Hand Seamers	3"	18ga	22ga	9-3/4" x 3-1/8" x 7/8"	1.5 lbs.	EA	1
1891183	Hand Seamers	3" Offset	18ga	22ga	8-1/4" x 5" x 3-1/4"	1.4 lbs.	EA	1
1891184	Hand Seamers	6"	18ga	22ga	10" x 6" x 3-1/2"	2.2 lbs.	EA	1

Folding Tools



1890986
1890985
1891146

This tool can fold without folding on the job. From end caps to folds for drive cleats, hilmor Folding Tools can handle it all. Strength meets precision with sight holes for depth alignment.

Features & Benefits

Folding Tool: Built for both 3/8" (10mm) and1" (25mm) folds.
Accurate Folding: Equipped with sight holes for proper depth alignment.

CATALOG NO.	DESCRIPTION	CAPACITY - CRS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891146	12" Folding Tool	18ga	12" x 3-1/4" x 1/5"	1.4 lbs.	EA	1
1890982	18" Advanced Folding Tool	18ga	18" x 3-1/4" x 1/5"	2.1 lbs.	EA	1
1890985	18" Folding Tool	18ga	18" x 3-1/4" x 1/5"	2.1 lbs.	EA	1
1890986	24" Folding Tool	18ga	24" x 3-1/4" x 1/5"	2.8 lbs.	EA	1

Duct Stretcher



1890987

Two ducts. One hand. Bring it all together with the hilmor Duct Tool. Large gaps are no match. Its sleek aluminum body maintains a low profile to get into tight spaces.

Features & Benefits

Rugged and Durable: An all-aluminum body increases life and durability.
Small Space Capable: Features a low profile for use in tight spaces.
Added Versatility: Additional spacing holes allow wheels to be adjusted for use on large gaps.
Comfortable Grip: A cushion grip for reduced hand fatigue.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1890987	Duct Stretcher	16" x 1/4" x 1-1/2"	11 oz.	EA	1
1890988	Rep Wheels - 2PK	NA	NA	EA	1

CRIMPING

Hand Crimpers

A crimping tool that won't cramp your style. Or your hand. hilmor Hand Crimpers come standard with contoured rubber grips that fit comfortably in your hands. Happy crimping!



1891186

1891187

Features & Benefits

Rugged and Durable: High-carbon steel blades and a reinforced chrome silicon spring increase life and durability.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
Hand Crimper: For crimping round metal pipe.

CATALOG NO.	DESCRIPTION	CAPACITY - CRS	CAPACITY - SS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891186	3 Blade Crimper	18ga	22ga	9-3/4" x 3" x 7/8"	1.0 lbs.	EA	1
1891187	5 Blade Crimper	18ga	22ga	9-3/4" x 3" x 7/8"	1.2 lbs.	EA	1

Cable Tie Tensioning Tool

The hilmor Cable Tie Tensioning Tool can relieve the stress of the job. It seamlessly tightens heavy and lightweight cable, and cuts excess material with its easy-to-use lever.



1891190

Features & Benefits

Versatility: Works with both light and heavy-duty nylon cable ties.
Clean Cut: Easy-to-use cutting lever allows for flush cutting of excess material.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	UOM	ORDER MUL.
1891190	Cable Tie Tensioning Tool	7-5/8" x 3-7/8" x 5/8"	EA	1
7-L300	Cable Tie Tensioning Tool	7-5/8" x 3-7/8" x 5/8"	EA	1

STORAGE CONTAINERS

Metal Parts Boxes

Metal Parts Boxes are prime cold rolled steel with baked gray enamel finish. The finish is rust and acid resistant. Each box comes with high impact plastic tray, positive pull down catch, and stick back parts labels for lid interiors.



8200M

CATALOG NO.	DESCRIPTION	NO. OF COMPARTMENTS	DIMENSIONS (L X W X D)	UOM	ORDER MUL.
8200M	Metal Parts Box	21	13-3/8" x 9-1/4" x 2"	EA	1
8220M	Metal Parts Box	24	18" x 12" x 3"	EA	1

Polypropylene Parts Boxes

This box is ideal for holding your different sized nuts and bolts along with your additional bits. It can be stored in a tool box as well.



8203C

CATALOG NO.	DESCRIPTION	NO. OF COMP.	DIMENSIONS (L X W X D)	UOM	ORDER MUL.
8201C	Polypropylene Parts Box - Translucent	13	11" x 6-3/4" x 1-1/4"	EA	1
8203C	Polypropylene Parts Box - Translucent	24	13-1/8" x 9" x 2-5/8"	EA	1

Satchel Style Case

Parts box made from rugged copolymer material with high impact translucent lid and handle on the side. 15 removable dividers allow up to 24 compartments.



8233

CATALOG NO.	DESCRIPTION	NO. OF COMPARTMENTS	DIMENSIONS (L X W X D)	UOM	ORDER MUL.
8233	Satchel Style Case	Up to 24	15" x 11-3/4" x 2-1/2"	EA	1

STORAGE CONTAINERS CONT'D

HVAC/R Tote

The hilmor HVAC/R Tote is your go-to tool storage and transport solution. It includes 27 exterior and interior pockets, 18 bands and clips for your keys so you can store your tools safely and find them quickly.

Features & Benefits

Keep Organized:	27 pockets and 18 bands. 14 exterior pockets and 13 interior pockets.
Rugged and Durable:	Designed to last with water-resistant bottom and reinforced rivets.
Secure Storage:	Stow your meter away safely in the padded pocket in the interior of the tote Use the tape measure clip, key clip and tape holder loop to secure the rest of the items you need.
Helps with the Heavy Lifting:	This tote has room for multiple tools and is tested up to 50 lbs. The padded shoulder strap makes carrying more comfortable.

Product Specifications

Extra Features:	Key Clip; Tape Loop; Shoulder Strap



1839078
*Tools not included

CATALOG NO.	DESCRIPTION	INTERIOR POCKETS	EXTERIOR POCKETS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839078	HVAC/R Tote	13	14	7-1/2" x 7-1/2" x 13"	3.3 lbs.	EA	1

Backpack Tool Bag

The hilmor Backpack Tool Bag is your jobsite sidekick with 19 exterior and interior pockets. Its sturdy rubber, water-resistant bottom means rain or shine, the contents inside won't be damaged. And while it's spacious enough to hold up to 50 lbs., padded shoulder straps and a back air vent make hauling it a little more comfortable and leave your hands free to safely climb a ladder.

Features & Benefits

Secure Storage:	Stow your meter away safely in either of the two padded zipper pockets on the exterior sides of the tote.
Superior Versatility:	Hang your manifold from the bag's metal loop for easy transport to the jobsite.
Helps with the Heavy Lifting:	This bag has room for multiple tools and is tested up to 50 lbs. The padded shoulder straps and air vent back make carrying more comfortable.

Product Specifications

Extra Features:	Clear Vinyl ID Window Pocket; Shoulder Strap; Double-Grip Handles; Steel "U" Ring; Airflow Ventilator Pads



1839080
*Tools not included

CATALOG NO.	DESCRIPTION	INTERIOR POCKETS	EXTERIOR POCKETS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839080	Backpack Tool Bag	11	8	6" x 14" x 16"	4.5 lbs.	EA	1

Tool Center Bag

The hilmor Tool Center Bag is your total tool storage solution. It includes 24 exterior and interior pockets and three zippered pouches so you can store your tools safely and find them quickly.

Features & Benefits

Keep Organized:	24 pockets and three zippered pouches.
Secure Storage:	Stow your meter away safely in either of the two padded pockets on the exterior sides of the tote.
Helps with the Heavy Lifting:	This bag has room for multiple tools and is tested up to 50 lbs. The padded shoulder strap makes carrying more comfortable.
Rugged and Durable:	Designed to last with a hard plastic, water-resistant bottom and a padded aluminum carrying handle.

Product Specifications

Extra Features:	Clear Vinyl ID Window Pocket; Shoulder Strap; Cover Flap



1839079
*Tools not included

CATALOG NO.	DESCRIPTION	INTERIOR POCKETS	EXTERIOR POCKETS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839079	Tool Center Bag	13; 18 Tool Loops	11	13-1/2" x 8-1/2" x 9"	4.5 lbs.	EA	1

STORAGE CONTAINERS CONT'D

Foam Storage Trays



HLCFOAM



CSCBFOAM

The hilmor Foam Storage Trays are the perfect fit for a popular storage system. Two options for storage feature space for the HLC007 Lineset Cleaner and the HLN014 and HLN118 Expansion Nozzles in one and the 1839015 Compact Swage Tool and the 1926589 Deluxe Compact Bender in another tray. Easily store all components!

Features & Benefits

Precision Machined: Tool grade, stackable EVA foam inserts for your favorite red & black storage system.

Perfect Fit: hilmor EVA foam storage solutions stack to fit perfectly in the 6.5" tall storage case.

Organization & Efficiency: Dedicated foam inserts promote organization and efficiency on the jobsite.

Quick Identification: Quick identification of missing tools reduces downtime and tool replacement costs.

REACH and PAHS Compliant: The hilmor HLCFOAM is REACH and PAHS compliant.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
HLCFOAM	Lineset Cleaner Foam Storage Tray	19.88" x 13.62" x 2.2"	1.04 lbs.	EA	1
CSCBFOAM	Compact Swage and Compact Bender Foam Storage Tray	19.88" x 13.62" x 2.44"	1.14 lbs.	EA	1

HVAC/R Carrying Strap



1891625

Let this Strap do some of your lifting. Clip on and carry refrigerant or recovery tanks comfortably and easily.

Features & Benefits

Rugged and Durable: Heavy-duty nylon fabric and slip-resistant padding helps prevent the strap from sliding.

Less Wasted Time: Steel carabiners easily clip to carry refrigerant or recovery cylinders and other essential materials to save trips and give you an extra arm.

Helps with the Heavy Lifting: Shoulder strap is designed and tested to hold up to 50 lbs.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891625	HVAC/R Carrying Strap	50-1/2" x 3-3/4" x 1/2"	14 oz.	EA	1

Zipper Pouch



1839081

The hilmor Zipper Pouch is your best bet for keeping track of all the small stuff on the jobsite – from small tools and accessories to receipts and other paperwork.

Features & Benefits

Keep Organized: The hilmor Zipper Pouch can conveniently fit many hilmor tools, including the Punch Swage Set or Dual Readout Thermometer with two Thermocouple Clamps.

Rugged and Durable: Designed with an inner liner to protect from water damage and a rivet on the outside so it can be clipped where it's needed.

CATALOG NO.	DESCRIPTION	INTERIOR POCKETS	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839081	Zipper Pouch	1	10-1/2" x 1/8" x 7"	3 oz.	EA	1

HVAC/R General Purpose Gloves



1891624

No matter what the task, get a grip and protect your hands with these ruggedly reinforced gloves made to take on any job.

Features & Benefits

Rugged and Durable: Stands up to HVAC/R applications with a breathable-fabric design, featuring a reinforced thumb, palm and fingertips to increase life and durability.

Extra Comfort: A wrist strap easily adjusts for comfort while a form-fitting design provides fit and flexibility.

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891606	HVAC/R General Purpose Gloves	Medium	9-3/4" x 4-3/8" x 1/2"	5 oz.	EA	1
1891607	HVAC/R General Purpose Gloves	Large	9-7/8" x 4-7/16" x 1/2"	5 oz.	EA	1
1891624	HVAC/R General Purpose Gloves	X-Large	10" x 4-5/8" x 1/2"	5 oz.	EA	1

STORAGE CONTAINERS CONT'D

HVAC/R Sheet Metal Gloves



1891592

No matter what the task, get a grip and protect your hands with these ruggedly reinforced gloves made to take on any job.

Features & Benefits

Rugged and Durable: Stands up to HVAC/R applications with a breathable-fabric design, featuring a reinforced thumb, palm and fingertips to increase life and durability.

Extra Comfort: A wrist strap easily adjusts for comfort while a form-fitting design provides fit and flexibility.

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891463	HVAC/R Sheet Metal Gloves	Medium	9-3/4" x 4-3/8" x 1/2"	5 oz.	EA	1
1891469	HVAC/R Sheet Metal Gloves	Large	9-7/8" x 4-7/16" x 1/2"	5 oz.	EA	1
1891592	HVAC/R Sheet Metal Gloves	X-Large	10" x 4-5/8" x 1/2"	5 oz.	EA	1

HVAC/R Starter Kit



1890995

Get started on the right foot with a few of hilmor's most forward-thinking tools.

Product Specifications

Dual Readout Thermometer 1839106
hilmor's Dual Readout Thermometer is the industry's first to offer two digital readouts to help simplify the calculation of superheat and subcool.

2-Valve Aluminum Manifold 1839134
This ruggedly durable Aluminum Manifold features a forged aluminum body and high-impact gauge boots.

60" Hose Set of 3 1839153
Our hoses are bulked up with an extra abrasion-resistant layer and designed to work with the newest high-pressure refrigerants.

Quick-Engage Flare and Swage 1838947
Finally, a flaring tool that doesn't require a third arm. Two hands are all it takes to flare or swage in seconds.

Tri-Tube Bender 1839027
From start to final bend, the hilmor Tri-Tube Bender has you covered. Color-coded sizing makes it simple to bend 1/4", 3/8" and 1/2" tubes.

Service Wrenches 1839042, 1839046
Smart features that save your knuckles and your time. Plus, a Hex Key Adapter for liquid-and suction-based valves.

Folding Hex Key Set 1839048
Get full socket contact with our slip-resistant Folding Hex Key Set. Sizes include 5/64" to 1/4".

Inspection Mirror 1839051
Leaks can't hide anymore. With a handle that extends from 7-3/4" to 21-1/2", this telescoping mirror goes above and beyond.

3" Quick-Change Magnetic Nut Driver 1839054
Don't get driven nuts. Just drive them. This Nut Driver lets you quickly switch between 1/4" and 5/16", the two most common sizes.

9 in 1 Multi-Tool 1839053
Tackle any on-the-job challenge with square, hex and Phillips bits. Not to mention a handy valve core remover.

Backpack Tool Bag 1839080
The hilmor Backpack Tool Bag includes 19 exterior and interior pockets. Plus, its sturdy, water-resistant bottom holds up in any climate.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1890995	HVAC/R Starter Kit	20" x 15-1/4" x 16-1/2"	21.7 lbs.	EA	1

STORAGE CONTAINERS CONT'D

Mini-Split Install Tools Kit

The Mini-Split Install Tools Kit includes the tools you need to install a typical mini-split system. Tools to help you install with no sweat. Tools to help you flare connections without needing a third arm, setting proper torque with the digital adjustable torque wrench, hex key sets, the most useful 9-in-1 tool on the market, and a manifold set with hoses to handle superheat and subcool calculations. All with the goal of helping you get in, get out and get on to the next install job.



CATALOG NO.	DESCRIPTION	SIZE(S)	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
MSITK-DD	Mini-Split Install Tools Kit		20" x 15-1/4" x 16-1/2"	21.7 lbs.	EA	1
1838952	Orbital Flare	NA	8-1/2" x 4-5/8" x 5-1/4"	3.8 lbs.	EA	1
1891258	Deburring Tool	NA	5-1/2" x 3/8" x 3/8"	7 oz.	EA	1
1885385	Large Diameter Tubing Cutter	1/8"-1-3/4"	3" x 1-3/4" x 7-7/8"	1.7 lbs.	EA	1
1839053	9 in 1 Multi-Tool	3"	7-1/4" x 1-1/3" x 1-1/4"	7 oz.	EA	1
1839048	Hex Key Set	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	4-1/4" x 7/8" x 1-5/8"	5 oz.	EA	1
1891472	Hex Key Set	1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm	4-1/4" x 7/8" x 1-5/8"	5 oz.	EA	1
1839080	Backpack Tool Bag	NA	6" x 14" x 16"	4.5 lbs.	EA	1
1963826	Digital Adjustable Torque Wrench	NA	17" x 2-3/8"	2 lbs.	EA	1
1947967	Valve Core Removal Tool	1/4"	2-1/2" x 5-3/4" x 7-7/8"	8 oz.	EA	1
MSA-31F	Brass Adaptor				EA	1
421-CC	400 Series Deluxe 2-Valve Brass Manifold				EA	1
805-MRS	800 Series PolarShield® Hoses with standard 1/4" fittings				EA	1

SPRAYERS

Compression Sprayers

Acid impervious poly design with a 36" (91cm) reinforced hose, shut-off with lock-on feature for continuous spraying, a 2-piece nozzle that's detachable for easy clean up and fits directly to the shut-off or extension wand. The Hand-Held Sprayer has a 48 oz. (1.4 l) capacity, perfect for small areas. All sprayers have a full 5 year warranty.



1002 2601

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
1002	Hand Held Sprayer	EA	1
2601	1 Gallon Wand Sprayer	EA	1
2602	1 Gallon Wand Sprayer	EA	1
2603	1 Gallon Wand Sprayer	EA	1

Pistol Grips & Water Nozzle

Pistol Grip – 540-572 Insulated:
For spraying hot or cold water. Heavy-duty, self adjusting "duck" packing for lifetime proof seal.
Water Nozzle – 540-573 Un-insulated:
Heavy-duty and holds open clip for continuous spraying. Self-adjusting "duck" for leak proof seal.



540-572 540-573

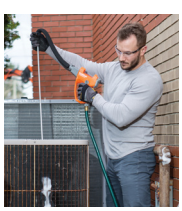
CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-572	Insulated Pistol Grip	EA	12
540-573	Uninsulated Water Nozzle	EA	12

CoilShot® Condenser Coil-Cleaning Tool

Tablet-based system saves wasted coil cleaner and space over bulky coil cleaner bottles. One pack of tablets replaces an entire case of coil cleaner. Use with CoilShot wand for best results - to help get behind coils for superior cleaning every time. CoilShot attaches to a standard garden hose, uses pre-measured tablets and switches from foaming cleaner to water with easy mixing valve. 2 tables equals 1 gallon of cleaner.



SC-CS-100



*Shown with Optional Wand SC-CS-Wand

SPEEDCLEAN

Product Specifications

Output Pressure	Up to 70 PSI
Output Flow	Up to 3 GPM
Water Source	External
Dimensions	10" x 2.25" x 8"
Weight (Dry)	1 Lbs.
Warranty	90 Days

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SC-CS-100	CoilShot® Condenser Coil Cleaning Tool	EA	1

Dial-a-Mix Sprayer

Save time and money by dialing in the exact mix ratio to properly clean the coil. This sprayer features 5 mix ratios (1:3, 1:4, 1:6, 1:9, 1:10), a 1/2 gallon capacity bottle and a quick disconnect for fast and easy rinsing.



540-GUN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-GUN	Dial-a-Mix Sprayer	EA	6

All Purpose Sprayers

Lightweight, versatile gallon size bottle has a 28" flexible hose and easy-to-carry handle. Best for big jobs in hard- to-reach places. Adjustable nozzle will atomize any low viscosity liquid. Adjusts from a mist to a 12' jet stream or anything in between. One pint container has a measured ounce guide. Ideal for water-based chemicals.



BS-32

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BS-32	Quart Size Sprayer	EA	12

Garden Hose

High quality product priced for high volume sales. Soft-Flex formulation makes the 5 ply Hose easy to handle. Withstands 500 psi water pressure. Heavy duty solid brass couplings and collar. Full Lifetime Guarantee!



5-IG5850

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-IG5850	Green Flexon 5-Ply Forever Garden Hose	EA	5

CoilJet® CJ-200E

CoilJet is the perfect way to effectively clean rooftop units, evaporators, condenser coils and refrigeration coils. With 220 psi and a continuous water supply, it offers a lot of power to clean thicker, dirtier coils without damaging fins. CoilJet has an integrated water and chemical tank, on-board gun and power cord storage, convenient strap, and standard hose connector for the ultimate convenience in coil cleaning.



CJ-200E



SPEEDCLEAN

Product Specifications

Output Pressure	220 PSI (15.1 BAR)
Output Flow	0.5 GPM
Capacity (Water)	3.375 Gallons
Capacity (Chemicals)	0.4375 Gallons
Chemical Ratio Range	30:1 - 4:1
Water Source	Onboard or External
Pump Type	Diaphram
Motor	0.2 HP
Input Power	115V, 60 Hz, 1.5A
Power Cord Length	15 Ft.
Dimensions	18" x 10" x 19"
Weight (Dry)	20 Lbs.
Weight (Full)	55 Lbs.
Warranty	1 Year

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ-200E	CoilJet® Coil Cleaner	EA	1

SPRAYERS CONT'D

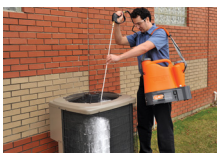
CoilJet® CJ-125

When water and power may be inaccessible, such as rooftops and attics, the CoilJet CJ-125 portable coil cleaner is ideal. CJ-125 includes integrated water, chemical tanks, and a long-life rechargeable battery. Includes 2 standard spray nozzles, spray gun with quick connect, smart charger, rechargeable battery, shoulder strap and optional spray wands.



CJ-125

*Shown with optional accessories



SPEEDCLEAN

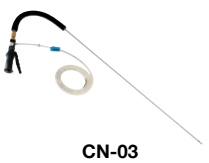
Product Specifications

Output Pressure	125 PSI (8.5 BAR)
Output Flow	0.7 GPM
Capacity (Water)	3.375 Gallons
Capacity (Chemicals)	0.4375 Gallons
Chemical Ratio Range	30:1 - 4:1
Water Source	Onboard
Pump Type	Diaphram
Motor	0.2 HP
Input Power	12V, 60 Hz, 1.5A
Power Cord Length	15 Ft.
Dimensions	18" x 10" x 19"
Weight (Dry)	20 Lbs.
Weight (Full)	55 Lbs.
Warranty	1 Year

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ-125	CoilJet® Coil Cleaner	EA	1

Condenser Needle

Blast dirt and debris from condenser coils, without damaging delicate fins, using Condenser Needle. Designed to clean from the backside of the coil, Condenser Needle reaches inside units with its swivel handle and quickly cleans the entire coil bed. Attach it to a standard garden hose and use the 36" wand to easily clean most types of units. Exclusive spray tip delivers 90 degrees spray pattern up to 3+ gallons per minute.



CN-03



SPEEDCLEAN

Product Specifications

Output Pressure	100 PSI (6.9 BAR)
Output Flow	3.3 GPM
Water Source	External
Max. Inlet Water Pressure	100 PSI (6.8 BAR)
Chemical Ratios	0 - 16:1
Spray Wand Length	36"
Spray Wand Tip	90"
Dimensions	48" x 3" x 3"
Weight (Dry)	5 Lbs.
Warranty	1 Year

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CN-03	Condenser Needle	EA	1

SPRAYERS CONT'D

Dry Steam Coil and Surface Cleaner

The SC-VSC-7000 steam cleaner is your answer to cleaning dirty, greasy coils and other surfaces without harsh, damaging chemicals. It works excellent on air handlers, mini-splits, condensers, exhaust vents, oily commercial kitchen ducts and more. The power of steam combined with 65 psi pressure goes deep into coils, cracks, and crevices, lifting and removing stubborn dirt and soils. The small and portable unit is lightweight and comes complete with a hose and full accessory kit to clean even the toughest to reach areas. It sanitizes surfaces killing bacteria, fungus, mold, mildew and other microorganisms on contact leaving coils and other surfaces clean and sparkling! With it's easy-to-fill tank, quality stainless steel boiler, strong 1500 Watt power and full accessory kit, it offers the complete solution for cleaning heavily soiled commercial equipment.



SC-VSC-7000



SPEEDCLEAN

Product Specifications

Steam Flow Regulation	Manual
Output Pressure	65 PSI (4.5 BAR)
Steam Production	0.43 Gallon/Hr
Boiler Capacity	0.7 Gallons
Max. Temperature @ Nozzle	235°F (113°C)
Steam Hose Length	10 Ft.
Input Power	115V, 13.5 Amps, 60 Hz, 1550 Watts
Power Cord Length	13 Ft.
Dimensions	13" x 13" x 19"
Weight	15.6 Lbs. (Dry)
Warranty	1 Year

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SC-VSC-7000	Dry Steam Coil and Surface Cleaner	EA	1

MINI-SPLIT BIBS

Mini-Split Bib® Kit 360

The Mini-Split Bib Kit 360 is the most complete way to clean ductless mini-split coils, blower wheels and more. This kit allows you to safely and quickly clean virtually any mini-split system the correct way using pressurized water on coils, blower wheels and more. The patented technology keeps water away from walls, ceilings and other surroundings and directs it into the 5-gallon bucket for disposal, so it's clean and safe all around. Mini-Split Bib Kit 360 protects the walls, ceilings and surroundings from water and overspray. Quick set up and easy to move from job-to-job. Reusable bib system is a lower cost per use. Includes 8-foot drain line for high mounts.



MSB-360-KIT

SPEEDCLEAN

Product Specifications

Fits Duct Fan Units	Up to 44" Wide
Drain Line Length	8 Ft.
Bib Material Thickness	4 Mil
Dimensions	36" x 16"
Weight	1.5 Lbs.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MSB-360-KIT	Mini-Split Bib Kit 360	EA	1

Mini-Split Bib® Kit

Quickly and safely clean virtually any mini-split system (30" to 44") the correct way, by using pressurized water on coils and fans. This patented technology keeps water away from walls and other surroundings while directing it into the 5-gallon bucket for disposal. Easy to set up and move from job to job. Includes 8' drain line for high mounted evaporators.



MSB-KIT



SPEEDCLEAN

Product Specifications

Fits Duct Fan Units	Up to 44" Wide
Drain Line Length	8 Ft.
Bib Material Thickness	4 Mil
Dimensions	36" x 16"
Weight	1.5 Lbs.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MSB-KIT	Mini-Split Bib Kit	EA	1

Mini-Split Bib® Kit, Extra Large

Extra-large bib kit fits virtually any commercial brand ductless fan unit 45" to 60" wide. Complete kit includes: bib, adjustable mounting brackets, 1 roll of protective tape, 2 deflector plates (XL Kit includes 3) and 5 gallon bucket.



MSB-KIT-XL

SPEEDCLEAN

Product Specifications

Fits Duct Fan Units	44" - 66" Wide
Drain Line Length	8 Ft.
Bib Material Thickness	4 Mil
Dimensions	52" x 16"
Weight	1.5 Lbs.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MSB-KIT-XL	Mini-Split Bib Kit, Extra Large	EA	1

MINI-SPLIT BIBS CONT'D

Mini-Split Cassette Bib Kit

Cleaning ductless ceiling cassettes is a daunting task, but we've just made it a whole lot easier. Using pressurized water and coil cleaner is the key to a good coil cleaning. Our ductless cassette bib kit installs in seconds and quickly creates a funnel where all your water and cleaner is safely deposited into a bucket. Super easy to use and incredibly effective. Features six access points to clean coils. Complete kit includes: cassette bib, adjustable bungee cord, 10' drain line, mounting hooks and a five gallon bucket. Optional stand available.



SC-CB



Product Specifications

Fits Duct Fan Units	Up to 48" Wide
Drain Line Length	10 Ft.
Bib Material Thickness	4 Mil
Dimensions	48" x 48"
Weight	1.1 Lbs.

Optional Equipment

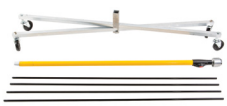
Cassette Bib Stand	SC-CB-STAND
Carrying Bag	CSB-010

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SC-CB	Mini-Split Cassette Bib Kit	EA	1

SPRAYER ACCESSORIES

Mini-Split Cassette Bib Stand

Expand your reach! The portable Cassette Bib Stand keeps your bib in place when cleaning high ceilings.



SC-CB-STAND

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SC-CB-STAND	Cassette Bib Stand	EA	1

CoilShot® Condenser Coil-Cleaning Wand

3 ft. wand is specially designed to quickly connect to CoilShot cleaning tool. 90° nozzle creates powerful cleaning spray to clean coils from the inside out. The wand features a slim profile that fits between the grate, so you don't have to remove the top fan and housing. The Wand features a quick connect fitting, heavy-duty aluminum wand, a unique wand tip to backflush coils, and a swivel handle that easily adjusts direction of water jet.



SC-CS-WAND

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SC-CS-WAND	CoilShot® Condenser Coil Cleaning Wand	EA	1

Mini-Split Cassette Bib Carrying Bag

Make carrying your Bib Stand easier, in this durable canvas bag.

CSB-010



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CSB-010	Carrying Bag	EA	1

CoilShot® Cleaning Tablets

The revolutionary CoilShot® Cleaning Tablets are designed to offer fast and easy cleaning of residential and commercial single-pass HVAC coils without the strain and bulkiness of using liquid coil cleaners. Each tablet is equal to approximately one half gallon of coil cleaner. CoilShot Cleaning Tablets are safe for all coils, are plant friendly, non-acidic and non-caustic.



SC-CS-TABS



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SC-CS-TABS	CoilShot® Cleaning Tablets, 8 per box	PK	1

SPRAYER ACCESSORIES CONT'D

CoilJet® 90° Spray Wand



CJ-WWSS

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ-WWSS	3 ft Sectional Stainless Steel 90° Spray Wand	EA	1
CJ-WWSS-EXT	16" Extension for CJ-WWSS	EA	1

CoilJet® Battery Chargers



CJ2-24

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ2-24	Battery Charger, Plug into Unit for CJ-125	EA	1
CJ2-25	Battery Charger with Lugs to Charge CJ-125 Battery Outside of Unit	EA	1

CoilJet® Foaming Nozzle



CJ-9619

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ-9619	Foaming Nozzle Assembly	EA	1

CoilJet® Mini-Split Accessory Kit



CJ-MSB-ACC-KIT

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ-MSB-ACC-KIT	CoilJet Mini-Split Accessory Kit	EA	1

CoilJet® Vehicle Adapter



8944

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
8944	Vehicle Adapter for Battery Charger	EA	1

CoilJet® 90° Spray Wand



8945-24

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
8945-24	90° Spray Wand, 24"	EA	1
8945	90° Spray Wand, 36"	EA	1
8945-48	90° Spray Wand, 48"	EA	1
8945-60	90° Spray Wand, 60"	EA	1

CoilJet® Spray Flex Wand



8945-FLEX-24

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
8945-0-DEG-FW12	0° Spray Wand 12"	EA	1
8945-0-DEG-FLEX	0° Spray Wand 24"	EA	1
8945-FLEX-24	90° Spray Wand 24"	EA	1

CoilJet® Quick Disconnect Adapters



CJ-QDN-45

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ-QDN-45	45° Quick Disconnect Adapter	EA	1
CJ-QDN-90	90° Quick Disconnect Adapter	EA	1

CoilJet® Extension Lance



CJ-9656

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ-9656	Extension Lance Assembly 24"	EA	1
CJ-9657	Extension Lance Assembly 36"	EA	1
CJ-9658	Extension Lance Assembly 48"	EA	1
CJ-9659	Extension Lance Assembly 60"	EA	1

SPRAYER ACCESSORIES CONT'D

Replacement Nozzles



CJ-QDN-0004R

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ-QDN-0004R	0° Pinpoint Replacement Nozzle for CJ-125	EA	1
CJ-QDN-1504Y	15° Replacement Nozzle for CJ-125	EA	1
CJ-QDN-2508G	25° Replacement Nozzle for CJ-200E (green)	EA	1
CJ-QDN-15025Y	15° Replacement Nozzle for CJ-200E (yellow)	EA	1

CoilJet® Battery



CJ-9613

SPEEDCLEAN

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CJ-9613	12V Replacement Deep Cycle Lead Acid Battery for CJ-125	EA	1

HEX KEYS

Hex Key Sets

Hex head screws have nowhere to hide. hilmor Hex Key Sets have standard and metric sizes covered. They're slip-resistant so you never lose your grip and always keep your cool.



1839049 1937816

hilmor

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839049	Ball End Hex Key Set Inch	.05", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"	7-1/4" x 2-3/4" x 3/4"	13 oz.	EA	1
1937816	Ball End Hex Key Set Metric	1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm	7" x 2-1/2" x 3/4"	12 oz.	EA	1

Hex Key Sets

You don't fold on the job. Luckily, this set does for easy, convenient storage. Available in inch and metric.



1839048 1891472

hilmor

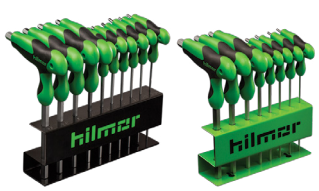
CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839048	Folding Hex Key Set Inch	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	4-1/4" x 7/8" x 1-5/8"	5 oz.	EA	1
1891472	Folding Hex Key Set Metric	1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm	4-1/4" x 7/8" x 1-5/8"	5 oz.	EA	1

T-Handle Hex Key Set

T for toughness. The hilmor T-Handle Hex Key Set features hardened, nickel chrome-plated shafts, yet ergonomic handles make sure this tool isn't too tough on your hands.

Features & Benefits

Rugged and Durable: Hardened, nickel chrome-plated shafts increase life and durability.
Comfortable Grip: Ergonomic molded handles reduce hand fatigue and won't slip or twist.
Quick Identification: Easy-to-read size markings make identification simple.
Added Versatility: A 6" shaft works well in tight spaces, while the 1/2" shaft gives you more leverage.



1891471 1937817

hilmor

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891471	T-Handle Hex Key Set Inch	3/32", 5/32", 7/64", 3/16", 1/8", 7/32, 9/64", 1/4", 5/16", 3/8"	8-3/4" x 7-3/4" x 5-3/8"	2.8 lbs.	EA	1
1937817	T-Handle Hex Key Set Metric	2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm	8" x 6-3/4" x 5-1/4"	2.2 lbs.	EA	1

MULTITOOLS

Pocket 4-in-1 Mini Screwdriver

This screwdriver set is ideal for technicians, hobbyists, and do it yourselfers. There are 2 double-ended vanadium blades. You can change blades instantly and the blades are held in the carrier handled. The dimensions are 1/16 in. and 1/8 in. slotted tips and #1 and #00 cross point. The Mini Screwdriver comes in with a convenient pocket clip and capped ends.



6-T744

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-T744	Pocket 4-in-1 Mini Screwdriver - Length: 5-1/8" (130mm)	EA	1

Ratcheting 9 in 1 Multi-Tool

A simple twist of the hand can drive a screw, nut or bolt in no time. Nine different bits are at your disposal. A ratcheting mechanism and an ergonomic rubber grip comes standard.



1891259

Features & Benefits

Rugged and Durable: Designed with a high-torque ratcheting mechanism and thick shaft walls for long life and less stripping.

More Torque: A slip-resistant grip allows for maximum leverage.

Simple Setup: Easily change between forward, reverse and locked positions.

Product Specifications

Bit Sizes: #1 & #2 Phillips, 3/16" & 1/4" Slotted, #2 Square, 1/4", 5/16", and 3/8" Nut Drivers, and Valve Core Remover.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891259	Ratcheting 9 in 1 Multi-Tool	8-1/2" x 1-1/4" x 1-1/4"	12 oz.	EA	1

6 in 1 Stubby Multi-Tool

Small spaces come standard in HVAC/R. That's why you need the hilmor 6 in 1 Stubby Multi-Tool. Its compact design fits right in, giving you the necessary torque to tighten or loosen a screw or nut.



1891351

Features & Benefits

Small Space Capable: A compact design allows for use in tight spaces.

More Torque: A slip-resistant grip allows for maximum leverage.

Simple Setup: Easily change between six different drivers – 3/16" and 1/4" Slotted, #1 and #2 Phillips, 1/4" and 5/16" Nut Drivers.

Product Specifications

Bit Sizes: 3/16" and 1/4" Slotted, #1 and #2 Phillips, 1/4" and 5/16" Nut Drivers.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891351	6 in 1 Stubby Multi-Tool	4-7/8" x 1-1/4" x 1-1/4"	3 oz.	EA	1

Combination Screwdrivers

Multiple bits in one handy screwdriver. No need for a toolbox for those quick jobs. Lifetime guarantee.



5-61

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-41	4-in-1 with #1 and #2 Phillips, 3/16" and 5/16" Slotted	EA	12
5-61	6-in-1 with #1 and #2 Phillips, 3/16" and 5/16" Slotted 1/4" Nut Driver, and 5/16" Nut Driver	EA	12

9 in 1 Multi-Tool

When you've got a lot of jobs but not a lot of time, the 9 in 1 Multi-Tool from hilmor can save the day. It features a slip-resistant grip for more torque and a thick-walled shaft for more durability.



1937819



1839053

Features & Benefits

Rugged and Durable: Designed with thick shaft walls for long life and less stripping.

More Torque: A slip-resistant grip allows for maximum leverage.

Product Specifications

Bit Sizes: #1 & #2 Phillips, 3/16" & 1/4" Slotted, #2 Square, 1/4", 5/16", and 3/8" Nut Drivers, and Valve Core Remover.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839053	3" 9 in 1 Multi-Tool	7-1/4" x 1-1/3" x 1-1/4"	7 oz.	EA	1
1937819	6" 9 in 1 Multi-Tool	10-1/2" x 1-1/8" x 1-1/8"	10 oz.	EA	1

Fast Connect Bit Extension

Built for serious impact. And impact drivers. The hilmor Fast Connect Bit Extension gives you more versatility and maximum durability. All it takes is one hand to quickly release the bit and move on to the next job.



1937919

Features & Benefits

Impact Compatible: Extension is specially manufactured for use with impact drivers.

1/4" Shank: Jaw design is compatible with all 1/4" hex shank accessories, including insert bits, while the 1/4" Fast Connect shank is designed for use in impact drivers and rotary drills.

Protection: A black oxide coating resists corrosion.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1937919	Fast Connect Bit Extension	2-1/4" x 3/4" x 3/4"	2 oz.	EA	1

NUT DRIVERS

Magnetic Hex Chucks

Magnetic Hex Chucks may be used with an electric drill to drive hex head screws.



DE15

CATALOG NO.	DESCRIPTION	SIZE	DIA	LENGTH	UOM	ORDER MUL.
DE13	Magnetic Hex Chuck	1/4"	7/16"	1-3/4"	EA	1
DE14	Magnetic Hex Chuck	5/16"	1/2"	1-3/4"	EA	1
DE15	Magnetic Hex Chuck	3/8"	9/16"	1-7/8"	EA	1
DE23	Magnetic Hex Chuck	1/4"	7/16"	2-9/16"	EA	1
DE24	Magnetic Hex Chuck	5/16"	1/2"	2-9/16"	EA	1
DE33**	Magnetic Hex Chuck	1/4"	7/16"	3"	EA	1

**Magnetic insert bit holder with a "C" ring retainer

Reversible Magnetic Nut Drivers



The hilmor Reversible Magnetic Nut Drivers incorporate a high performance socket design that drives the fastener from the flats, not the corners, minimizing slippage. Making it the most fun you can have without stripping!

Features & Benefits

Reduced Stripping: High performance socket design drives the fastener from the flats, not the corners, minimizing slippage.

Tapered Design: Tapered socket design for improved access in tight spaces.

CATALOG NO.	DESCRIPTION	SIZE	WEIGHT	UOM	ORDER MUL.
1937881	3 Pack Reversible Magnetic Hex Driver w/flippable 1/4" x 5/16" Socket (Impact Rated)	2-3/4"	0.1 lbs.	EA	1
1937882	3 Pack Reversible Magnetic Hex Driver w/flippable 1/4" x 5/16" Socket (Impact Rated)	4"	0.2 lbs.	EA	1
1937883	3 Pack Reversible Magnetic Hex Driver w/flippable 1/4" x 5/16" Socket (Impact Rated)	6"	0.22 lbs.	EA	1
1937887	Reversible Magnetic Hex Driver w/Flippable 1/4" x 5/16" Socket (Impact Rated)	2-3/4"	0.1 lbs.	EA	30
1937888	Reversible Magnetic Hex Driver w/Flippable 1/4" x 5/16" Socket (Impact Rated)	4"	0.2 lbs.	EA	30
1937889	Reversible Magnetic Hex Driver w/Flippable 1/4" x 5/16" Socket (Impact Rated)	6"	0.22 lbs.	EA	30

Fast Connect Magnetic Nut Driver Set



1937911

The nut driver has evolved. The set features a 3" and 6" hilmor Fast Connect Magnetic Nut Driver. The name alone says it all. They're lightning fast and allow for one-handed quick release for fast and easy bit changes.

Features & Benefits

Simple Setup: A quick-change mechanism allows for easy change-out of standard bits with 1/4" hex shank.

Added Versatility: Set includes both stubby and 4" handles, ensuring you have the right size tool for the job.

Secure Hold: A rare-earth magnet helps maintain a secure hold to keep fasteners firmly in place.

Reduced Stripping: Designed to drive fasteners on the side instead of on the corners, reducing breakage and stripping.

Quick Identification: A color-coded band makes size identification simple.

Convenient Storage: Soft storage pouch with additional bit storage keeps everything organized.

Product Specifications

Kit Contents: 2-1/2" Fast Connect Bit Extension for 1/4", 1-7/8" Magnetic Nutsetters for 1/4", 5/16", 3/8", #1 x 2" Phillips Impact Bit, #2 x 2" Phillips Impact Bit, #1 x 2" Square Impact Bit, #2 x 2" Square Impact Bit, 4-5 x 2" Slotted Impact Bit, 6-8 x 2" Slotted Impact Bit

CATALOG NO.	DESCRIPTION	DIMENSIONS	WEIGHT	UOM	ORDER MUL.
1937911	Fast Connect Magnetic Nut Driver Set	4" x 4" x 1-3/4"	11 oz.	EA	1

NUT DRIVERS CONT'D

Magnetic Nutsetters



Choose a size. Lock in your bit. And get right to it. The hilmor Magnetic Nutsetters can do work in seconds flat. They feature magnetic tips and a lobular design to grab any bit.

Features & Benefits

Secure Hold: A rare-earth magnet helps maintain a secure hold to keep fasteners firmly in place.
Impact Compatible: Bits are specially manufactured for use with impact drivers.
Quick ID: A color-coded band makes size identification simple.
Reduced Stopping: Designed to drive fasteners on the side instead of on the corners, reducing breakage and stripping.
1/4" Shank: The 1/4" quick-change shank is designed for use in impact drivers and rotary drills.
Rugged and Durable: Bits are built to last, manufactured from cold-forged, high-grade steel and coated with black oxide to resist corrosion.

CATALOG NO.	DESCRIPTION	SIZE	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885435	Magnetic Nutsetter	1/4" - Set of 3	1-7/8" x 3/8" x 3/8"	2 oz.	EA	1
1885436	Magnetic Nutsetter	5/16" - Set of 3	1-7/8" x 5/16" x 5/16"	3 oz.	EA	1
1885437	Magnetic Nutsetter	3/8" - Set of 3	1-7/8" x 1/2" x 1/2"	3 oz.	EA	1

Fast Connect Screwdriver Bit Set



Fumbling around with bits is a waste of time. The hilmor Fast Connect Screwdriver Bit Set is definitely not. The set features the Fast Connect Bit Extension that's impact driver ready. Quickly swap out bit sizes in seconds flat.

Features & Benefits

Impact Compatible: Extension and bits are specially manufactured for use with impact drivers.
1/4" Shank: The 1/4" quick-change shank is designed for use in impact drivers and rotary drills.
Secure Fit: Precision tip geometry allows for a better fit and reduced stripping.
Secure Hold: A rare-earth magnet helps maintain a secure hold to keep fasteners firmly in place.
Reduced Stripping: Designed to drive fasteners on the side instead of on the corners, reducing breakage and stripping.
Convenient Storage: Compact kit box included for quick and easy storage.

Product Specifications

Kit Contents: 2-1/2" Fast Connect Bit Extension for 1/4", 1-7/8" Magnetic Nutsetters for 1/4", 5/16", 3/8", #1 x 2" Phillips Impact Bit, #2 x 2" Phillips Impact Bit, #1 x 2" Square Impact Bit, #2 x 2" Square Impact Bit, 4-5 x 2" Slotted Impact Bit, 6-8 x 2" Slotted Impact Bit

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1937912	Fast Connect Screwdriver Bit Set	4" x 4" x 1-3/4"	11 oz.	EA	1

NUT DRIVERS CONT'D

Magnetic Nut Drivers





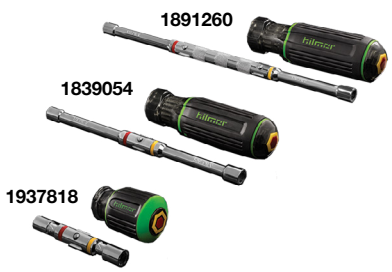
All sizes to conquer jobs big and small. The hilmor Magnetic Nut Drivers give you a secure hold when and where you need it.

Features & Benefits

Secure Hold:	A magnetic tip keeps fasteners firmly in place.
Quick Identification:	A color-coded insert makes size identification simple.
More Torque:	A slip-resistant grip and wrench flats allow for maximum leverage. Wrench flat items 1839076 and 18839077 only.
Big Bolt Capable:	A hollowed shaft allows for use on long bolts.
Rugged and Durable:	Designed to last with a durable chrome-vanadium steel construction.

CATALOG NO.	DESCRIPTION	SIZE	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839055	1-1/2" Magnetic Nut Driver	1/4"	3-1/2" x 1-1/4" x 1-1/4"	2 oz.	EA	1
1839056	1-1/2" Magnetic Nut Driver	5/16"	3-1/2" x 1-1/4" x 1-1/4"	2 oz.	EA	1
1839057	1-1/2" Magnetic Nut Driver	Set of 2 - 1/4" & 5/16"	3-1/2" x 1-1/4" x 1-1/4"	2 oz.	EA	1
1839059	3" Magnetic Nut Drivers	1/4"	6-7/8" x 1-1/4" x 1-1/4"	3 oz.	EA	1
1839060	3" Magnetic Nut Drivers	5/16"	6-7/8" x 1-1/4" x 1-1/4"	3 oz.	EA	1
1839063	3" Magnetic Nut Drivers	7/16"	7-1/4" x 1-3/8" x 1-3/8"	6 oz.	EA	1
1839065	3" Magnetic Nut Drivers	Set of 7	6-7/8" x 1-1/4" x 1-1/4" 7-1/4" x 1-3/8" x 1-3/8"	1.7 lbs.	EA	1
1839066	3" Magnetic Nut Drivers	Set of 2 - 1/4" & 5/16"	6-7/8" x 1-1/4" x 1-1/4"	6 oz.	EA	1
1839076	18" Magnetic Nut Drivers	1/4"	22" x 1-1/4"	6 oz.	EA	1
1839077	18" Magnetic Nut Drivers	5/16"	22" x 1-1/4"	6 oz.	EA	1

Quick-Change Magnetic Nut Drivers



It's as if 1/4" to 5/16" had an HVAC/R baby. The hilmor Quick-Change Magnetic Nut Driver is two tools in one, so you can switch from 1/4" to 5/16" with ease. A color-coded handle makes for quick identification. A magnetic tip keeps fasteners firmly in place.

Features & Benefits

Secure Hold:	A magnetic tip on both ends keeps fasteners firmly in place.
Added Versatility:	Quickly switch between 1/4" and 5/16", the two most common sizes.
Quick Identification:	A color-coded insert on the bands and bottom makes size identification simple.
Big Bolt Capable:	A hollowed shaft allows for use on long bolts.
Rugged and Durable:	Designed to last with a durable chrome-vanadium steel construction.

CATALOG NO.	DESCRIPTION	SIZES	SHAFT LENGTH	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1937818	Quick-Change Magnetic Nut Drivers	1/4", 5/16"	1-1/4"	3-1/4" x 1-1/4" x 1-1/4"	3 oz.	EA	1
1839054	Quick-Change Magnetic Nut Drivers	1/4", 5/16"	3"	7-1/2" x 1-1/3" x 1-1/3"	6 oz.	EA	1
1891260	Quick-Change Magnetic Nut Drivers	1/4", 5/16"	6"	10-3/8" x 1-1/3" x 1-1/3"	6 oz.	EA	1

SCREWDRIVERS

Keystone Tip Demolition Screwdrivers



It's a screwdriver on steroids. Pounding, prying, chiseling – no problem. A metal strike cap and through shaft can handle just about everything you put in front of it.

Features & Benefits

Rugged and Durable: Designed to last with a heat-treated, chrome-plated through shaft and metal strike cap.
More Torque: A slip-resistant grip allows for maximum leverage.
Secure Fit: A machined tip allows for a better fit.

CATALOG NO.	DESCRIPTION	SHAFT LENGTH	TIP TYPE/ SIZE	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891395	Keystone Tip Demolition Screwdriver	4"	1/4"	8" x 1" x 1"	6 oz.	EA	1
1891396	Keystone Tip Demolition Screwdriver	7"	5/16"	11-1/8" x 1-1/8" x 1-1/8"	6 oz.	EA	1

Keystone Tip and Cabinet Tip Screwdrivers





Driven to perform. Everything about these screwdrivers says get work done. They're designed to last with a heat-treated, chrome-plated shaft, yet they wouldn't dare strip out your screws.

Features & Benefits

More Torque: A slip-resistant grip allows for maximum leverage.
Quick Identification: Easy-to-read tip markings on the handle make identification quick and easy.
Rugged and Durable: Designed to last with a heat-treated, chrome-plated shaft.

CATALOG NO.	DESCRIPTION	SHAFT LENGTH	TIP TYPE/ SIZE	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891355	Keystone Tip Screwdriver	1-1/2"	1/4"	3-1/4" x 1-1/4" x 1-1/4"	2 oz.	EA	1
1891352	Keystone Tip Screwdriver	4"	1/4"	8-1/8" x 1" x 1"	4 oz.	EA	1
1891356	Keystone Tip Screwdriver	4"	1/4"	8" x 1-1/8" x 1-1/8"	4 oz.	EA	1
1891358	Keystone Tip Screwdriver	6"	5/16"	10-1/2" x 1-1/4" x 1-1/4"	6 oz.	EA	1
1891286	Keystone Tip Screwdriver	8"	3/8"	12-1/2" x 1-3/8" x 1-3/8"	8 oz.	EA	1
1891287	Cabinet Tip Screwdriver	3"	3/16"	6-1/2" x 1" x 1"	3 oz.	EA	1
1891288	Cabinet Tip Screwdriver	6"	3/16"	9-1/2" x 1" x 1"	3 oz.	EA	1
1891289	Cabinet Tip Screwdriver	6"	1/4"	10-1/4" x 1" x 1"	4 oz.	EA	1

Terminal Block Screwdriver



A unique screw calls for a unique screwdriver. The Terminal Block Screwdriver is one-of-a-kind with a heat-treated shaft and super-comfortable grip.

Features & Benefits

More Torque: A slip-resistant grip allows for maximum leverage.
Quick Identification: Easy-to-read tip markings on the handle make identification quick and easy.
Rugged and Durable: Designed to last with a heat-treated, chrome-plated shaft.
Secure Fit: A machined tip allows for a better fit.

CATALOG NO.	DESCRIPTION	SHAFT LENGTH	TIP TYPE/SIZE	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891397	Terminal Block Screwdriver	4"	Terminal Block	7-1/8" x 7/8" x 1"	2 oz.	EA	1

SCREWDRIVERS CONT'D

Phillips Tip Screwdrivers



1891290

Forget screws that won't strip. You need a screwdriver that won't strip them. Introducing the hilmor Phillips Tip Screwdriver featuring machined tips for a precise fit. A rugged shaft and comfortable handle round out this tool nicely.

Features & Benefits

More Torque: A slip-resistant grip allows for maximum leverage.
Quick Identification: Easy-to-read tip markings on the handle make identification quick and easy.
Rugged and Durable: Designed to last with a heat-treated, chrome-plated shaft.
Secure Fit: A machined tip allows for a better fit.

CATALOG NO.	DESCRIPTION	SHAFT LENGTH	TIP TYPE/ SIZE	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891290	Phillips Tip Screwdriver	3"	1PH	6-1/2" x 1" x 1"	3 oz.	EA	1
1891391	Phillips Tip Screwdriver	1-1/2"	2PH	3-1/2" x 1-1/4" x 1-1/4"	2 oz.	EA	1
1891392	Phillips Tip Screwdriver	4"	2PH	8" x 1" x 1"	4 oz.	EA	1
1891393	Phillips Tip Screwdriver	7"	2PH	11" x 1" x 1"	5 oz.	EA	1
1891394	Phillips Tip Screwdriver	6"	3PH	10-1/2" x 1-1/4" x 1-1/4"	6 oz.	EA	1

Screwdriver Sets



1891087



1891088

Tip markings on the handle for quick ID. Heat-treated shafts for extra durability. There are thousands of screwdrivers to choose from, but only one set says hilmor. Available in 5-piece or 7-piece sets.

Features & Benefits

More Torque: A slip-resistant grip allows for maximum leverage.
Quick Identification: Easy-to-read tip markings on the handle make identification quick and easy.
Rugged and Durable: Designed to last with a heat-treated, chrome-plated shaft.
Secure Fit: A machined tip allows for a better fit.

Product Specifications

Includes:
5-piece Set: #2 Phillips Tip Round Shank 4", 3/16" Cabinet Tip Round Shank 6", 1/4" Cabinet Tip Round Shank 6", 1/4" Keystone Tip Square Shank 4", 5/16" Keystone Tip Round Shank 6"
7-piece Set: #1 Phillips Tip Round Shank 3", #2 Phillips Tip Round Shank 4", 3/16" Cabinet Tip Round Shank 3", 3/16" Cabinet Tip Round Shank 6", 1/4" Cabinet Tip Round Shank 6", 1/4" Keystone Tip Square Shank 4", 5/16" Keystone Tip Round Shank 6"

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891087	5-Piece Screwdriver Set	10-1/4" x 1-1/4" x 1-1/4"	1.4 lbs.	EA	1
1891088	7-Piece Screwdriver Set	10-1/2" x 1-1/4" x 1-1/4"	1.7 lbs.	EA	1

Precision Screwdriver Set



1891089

When the job calls for precision, reach for hilmor. The Precision Screwdriver Set features machined tips and rotating heads. Plus, a convenient storage pouch keeps you organized.

Features & Benefits

Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
Maximum Precision: A rotating head allows for precise adjustments while giving you greater control.
Quick Identification: Easy-to-read tip markings on the handle make identification quick and easy.
Storage: Pouch included for quick and easy storage.

Product Specifications

Includes: 1/16" x 2" Slotted, #0 x 3" Phillips, 3/32" x 3" Slotted, 1/8" x 4" Slotted, 1/8" x 6" Slotted

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1891089	Precision Screwdriver Set	10-1/4" x 5" x 1/8"	10 oz.	EA	1

UTILITY KNIVES

Snap-Off Utility Knife



535-42047

Lightweight and easy to use, this Utility Knife is an ideal general-purpose knife for the shop, garage, and around the house. The fully retractable blades lock in any position for safe cutting. When the blade gets dull, break off a segment for a sharp, new edge. The Knives accept universal replacement blades and is made from high impact polystyrene for durability. Includes: 1-piece large snap-off knife with 8 sharp points per blade; plus built-in blade breaker.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
535-42047	Snap-Off Utility Knife	EA	10
535-42330	Replacement Blades	PK	1

Retractable Utility Knife



1885434

hilmar

This is a great knife to have by your side. Quick cuts come standard with a unique trigger grip. Plus, you've got a few spare blades in the handle when you need them.

Features & Benefits

Rugged and Durable: An all-metal body increases life and durability.

Secure Storage: Conveniently store up to five extra blades in the handle.

Easy to Change: Change your blade quickly and easily without the use of a separate tool.

Easy to Cut: Get easier cutting on the pull with a unique trigger grip.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885434	Retractable Utility Knife	1-3/4" x 1" x 6-3/4"	6 oz.	EA	1
1885432	Utility Knife Blades - 5 Pack	NA	NA	EA	1

Folding Utility Knife



1885433

hilmar

hilmor's Folding Utility Knife stands up to the test with an all-metal body. It's your new knife.

Features & Benefits

Rugged and Durable: An all-metal body increases life and durability.

Securely Locks Blade: A blade-locking mechanism prevents the blade from coming out during use.

One-handed Operation: A liner-lock for one-handed operation and extra safety.

Superior Versatility: A built-in wire-stripping channel for up to 10-gauge wire is there when you need it.

Belt Clip: A belt clip keeps knife close for easy access.

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885433	Retractable Utility Knife	1-3/4" x 1" x 6-3/4"	6 oz.	EA	1
1885432	Utility Knife Blades - 5 Pack	NA	NA	EA	1

WRENCHES AND PLIERS

Tongue and Groove Pliers



545-440 545-430

These patented design pliers have permalock fasteners with a reinforcing edge. Pliers adjust smoothly between jaw positions without the distance in the handle growing wider. Lever action allows for maximum force transmission. The grips are also dipped in plastic for a more comfortable hold. Made in the USA.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
545-426	6-1/2" Tongue and Groove Pliers	EA	1
545-420	9-1/2" Tongue and Groove Pliers	EA	1
545-422	9-1/2" Curved Jaw Tongue and Groove Pliers	EA	1
545-430	10" Tongue and Groove Pliers	EA	1
545-440	12" Tongue and Groove Pliers	EA	1
545-442	12" Curved Jaw Tongue and Groove Pliers	EA	1
545-460	16" Tongue and Groove Pliers	EA	1

Adjustable Wrenches



545-804

Channelock® Adustable Wrenches are rugged with chrome vanadium steel construction. They feature measurement scales that are laser engraved (in. on front, mm. on reverse) and handy for sizing nuts, pipe, nd tube diameters. They also have an optimal head width and non-protruding jaws that allow accessibility for hard to reach applications. The precise 4-thread knurl improves adjustment accuracy.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
545-804	4" Channellock Adj. Wrench, 1/2" Cap., Chrome	EA	1
545-804N	4" Channellock Adjustable Wrench, Black Oxide	EA	1
545-804S	4" Channellock Adjustable Wrench, Slim Jaw	EA	1

Digital Adjustable Torque Wrench



1963826

Tightening to true torque when working on mini-splits is serious business. Under tightening could result in refrigerant leaks, while overtightening could mean burst tubing. That's why the hilmor Digital Adjustable Torque Wrench is critical to perfecting torque time and time again. The 9 factory memory settings make it quick to set common torque values, while the digital display shows the amount of force applied to the flare nut. And if that didn't make the job easy enough, lights and buzzers illuminate and sound when the desired torque is achieved.

Features & Benefits

Lighten Your Load: Adjustable jaw eliminates the need to carry around extra heads.
Easy To Use: Nine programmable memory settings allow for quick access to the most common torque levels.
Precise Readings: Digital adjustments help ensure torque measurement accuracy.
Extra Confidence: LED lights and buzzer indicate that desired torque has been reached.

Product Specifications

Jaw Capacity: 1/4" (5mm) to 1-1/16" (27mm) to accomodate up to 5/8" flare nuts
Accuracy: +/3%
Batteries: AA (x2)
Warranty: 2 lbs.

Technical Specifications

Torque Range (N-m): 6.8 - 135
Torque Range (Ft-lbs): 5 - 99.5
Torque Range (In-lbs): 60 - 1,195
Torque Range (kg-cm): 69 - 1,378
Battery Saver: Automatic Shutdown after 4 Minutes of Inactivity

Measurement Increments: 0.1 (N-m, Ft-lb)
Operation Modes: Track, Peak
Memory Presets: 9
Operating Temperature: 14°F to 140°F

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W)	WEIGHT	UOM	ORDER MUL.
1963826	Digital Adjustable Torque Wrench	17" x 2-3/8"	2 lbs.	EA	1

Service Wrenches



1839042

1839043

Smart features that save your knuckles and your time. Our Straight Service Wrench makes changing sizes quick and easy. Our Offset Service Wrench makes maneuvering around cramped spaces second nature. The reversible Ratchet Wrench has square openings of 1/4" and 3/16" on one end and 3/8" and 5/16" on the other end. And, when it comes to accessing liquid- and suction-based valves, reach for our Hex Key Adapter. It works on 3/16" and 5/16" hex valves.

CATALOG NO.	DESCRIPTION	SQUARE SIZES	HEX SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1839042	Service Wrench	1/4", 3/16", 3/8", 5/16"	NA	5-1/2" x 1/2" x 7/8"	3 oz.	EA	1
1839043	Service Wrench	1/4", 3/16", 3/8", 5/16"	NA	5-1/4" x 3/4" x 7/8"	3 oz.	EA	1
1839045	Service Wrench	1/4", 3/16"	1/2", 9/16"	6-1/4" x 1/2" x 1"	5 oz.	EA	1
1839046	Hex Key Adapter	3/16", 5/16"	NA	1/2" x 2/5" x 2/5"	1 oz.	EA	1

Adjustable Wrenches



1885422

1885421

1885370

1885369

Take your pick of imperial or metric scales. They come standard on all of our Adjustable Wrenches. They're made to fit in your hand with ergonomic grips and made to last by hilmor.

Features & Benefits

Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
Added Versatility: Get two-in-one capabilities with both inch and metric scales.

CATALOG NO.	DESCRIPTION	SIZES	JAW CAPACITY UP TO:	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885369	Adjustable Wrenches	6"	1"	6-3/8" x 1-3/4" x 1/2"	6 oz.	EA	1
1885370	Adjustable Wrenches	8"	1-1/8"	8-1/4" x 1" x 5/8"	12 oz.	EA	1
1885421	Adjustable Wrenches	10"	1-1/4"	10" x 2-5/8" x 3/4"	1.1 lbs.	EA	1
1885422	Adjustable Wrenches	12"	1-1/2"	12-1/8" x 2-7/8" x 3/4"	1.7 lbs.	EA	1

WRENCHES AND PLIERS CONT'D

Quick-Adjusting Tongue & Groove Pliers



We've made an adjustment to standard pliers. Our Quick-Adjusting Tongue and Groove Pliers feature a simple push button to give you a quick precision grip on pipes, fasteners and more.

Features & Benefits

Simple Sizing: A push button allows for quick adjustments while multiple grooves guarantee precise positioning.
Comfortable Grip: Over-molded handle reduces hand fatigue and won't slip or twist.
Strong Hold: Machined jaws increase grip on the material every time.

CATALOG NO.	DESCRIPTION	LENGTH	JAW CAPACITY	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1890996	Quick-Adjusting Tongue and Groove Pliers	8"	1-1/2"	8-1/4" x 5/8" x 1-3/4"	9 oz.	EA	1
1890997	Quick-Adjusting Tongue and Groove Pliers	10"	1-3/4"	10-1/8" x 3/4" x 2-1/4"	13 oz.	EA	1
1890998	Quick-Adjusting Tongue and Groove Pliers	12"	2-3/16"	12-1/4" x 3/4" x 2-1/2"	1.4 lbs.	EA	1

Tongue & Groove Pliers



Like a snapping turtle, these pliers grab hold and won't let go. Machined jaws guarantee a lock-tight grip, and over-molded handles won't slip or twist. 12" model adjusts to a 2-1/16" jaw capacity.

Features & Benefits

Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
Strong Hold: Machined jaws increase grip on the material every time.

CATALOG NO.	DESCRIPTION	SIZES	JAW CAPACITY	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885366	Tongue and Groove Pliers	8"	1"	8" x 2-1/2" x 3/4"	10 oz.	EA	1
1885367	Tongue and Groove Pliers	10"	1-11/16"	10-1/4" x 3-1/4" x 3/4"	1.1 lbs.	EA	1
1885368	Tongue and Groove Pliers	12"	2-1/16"	12" x 3-1/4" x 7/8"	1.5 lbs.	EA	1

Multi-Function Pliers



The hilmor Multi-Function Pliers bring 5 tools into one! They feature a long nose for grabbing and looping wire. The stripper portion can strip 8 AWG to 18 AWG. The curved cutting blade effectively and efficiently cuts through larger wire sizes. The forged alloy steel provides maximum tool strength and durability and the hot-riveted joint ensures a smooth action and reduced hand wobble.

Features & Benefits

Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
Strong Hold: Forged alloy steel with hot rivet joint provides maximum tool strength and smooth action.
Stays Sharp: Wire stripper strips 8 AWG to 18 AWG (solid wire), 10 AWG to 20 AWG (stranded wire).

Product Specifications

Screw Sizes (Shearing): 6-32, 8-32

CATALOG NO.	DESCRIPTION	DIMENSIONS (D X W X H)	UOM	ORDER MUL.
1885391	Multi-Function Pliers	10.1" x 3.05" x 1"	EA	1

Lineman's Pliers



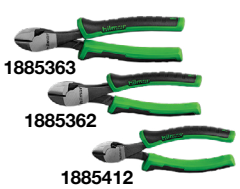
Grab. Twist. Cut. Repeat. Over and over again. A laser-hardened cutting edge stays sharp longer, and cross-cut knurled jaws guarantee a strong grip time after time. hilmor Lineman's Pliers will last.

Features & Benefits

Stays Sharp: A laser-hardened cutting edge will stay sharper for longer.
Strong Hold: Cross-cut knurled jaws increase grip on the material every time.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885399	Lineman's Pliers	8-1/2"	8-3/4" x 2" x 7/8"	13 oz.	EA	1
1885411	Lineman's Pliers	9-1/2"	9-1/2" x 2-1/4" x 7/8"	1.0 lbs.	EA	1

Diagonal Cutting Pliers



What's our angle? To make a great pair of pliers. The Diagonal Cutting Pliers stay sharp as a samurai sword with a laser-hardened cutting edge.

Features & Benefits

Stays Sharp: A laser-hardened cutting edge will stay sharper for longer.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885412	Diagonal Cutting Pliers	6"	6-3/4" x 2-1/8" x 3/4"	4 oz.	EA	1
1885362	Diagonal Cutting Pliers	7"	7-1/4" x 2-1/8" x 3/4"	8 oz.	EA	1
1885363	Diagonal Cutting Pliers	8"	8" x 2-1/8" x 3/4"	12 oz.	EA	1

WRENCHES AND PLIERS CONT'D

Long Nose Pliers


1885398

1885397

It's tough to beat a good pair of pliers. A laser-hardened cutting edge, cross-cut knurled jaws and over-molded handles make hilmor Long Nose Pliers pretty darn tough to beat.

Features & Benefits

Stays Sharp: A laser-hardened cutting edge will stay sharper for longer.
Strong Hold: Cross-cut knurled jaws increase grip on the material every time.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885397	Long Nose Pliers	6"	6-7/8" x 2-1/8" x 5/8"	4 oz.	EA	1
1885398	Long Nose Pliers	8"	8-5/8" x 2-1/8" x 3/4"	8 oz.	EA	1

Self-Adusting Wire Stripper


1885423

All wire strippers are not created equal. These come with the ability to crimp insulated and non-insulated terminals 10-22AWG. Plus, clearly marked indicators mean you can strip without damage.

Features & Benefits

Added Versatility: Crimp insulated and non-insulated terminals 10-22 AWG.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
Maximum Control: An adjustable stop controls the length of wire being stripped.
Precise Stripping: A micro-adjusting knob allows for stripping down to 30 AWG and up to 8 AWG.
Self-Adjusting: Automatically adjusts to strip and cut wire 10-24 AWG.

Product Specifications

Capacity: Wire: 10-24AWG
Insulated Terminals: 10-22AWG
Non-insulated Terminals: 10-22AWG

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885423	Self-Adjusting Wire Stripper	8-3/8" x 3-1/2" x 5/8"	13 oz.	EA	1

Wire Strippers


1885424


1885426


1885427

The hilmor Wire Strippers feature easy-to-read size markings, which means you can strip wires with ease and without damage. Electrical work is no laughing matter, and these Wire Strippers are no joke.

Features & Benefits

Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.
Quick ID: Easy-to-read size markings on the jaws make identification simple.
Bolt Cutting: Cuts 4-40, 5-40, 6-32, 8-32, 10-24, 10-32 bolts and screws to desired size.*1885424 Only.

CATALOG NO.	DESCRIP.	SIZES	CAPACITY	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885427	Wire Strippers	6"	10-20AWG	6-1/2" x 2-1/4" x 5/8"	5 oz.	EA	1
1885426	Wire Strippers	7"	10-20AWG	7-1/4" x 2-1/8" x 5/8"	6 oz.	EA	1
1885424	Wire Strippers	8"	10-20AWG	8" x 2-5/8" x 5/8"	8 oz.	EA	1

Crimping Tool


1885429

Crimp. Cut. We've got you covered. The hilmor Crimping Tool handles both insulated and non-insulated terminals. Over-molded handles and a hardened cutting edge come standard, too.

Features & Benefits

Stays Sharp: A hardened cutting edge will stay sharper for longer.
Comfortable Grip: Over-molded handles reduce hand fatigue and won't slip or twist.

Product Specifications

Capacity:
Wire: 10-22AWG
Insulated Terminals: 10-22AWG
Non-Insulated Terminals: 10-22AWG

CATALOG NO.	DESCRIPTION	SIZE	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885429	Crimping Tool	10"	9-7/8" x 2-1/4" x 3/4"	1.1 lbs.	EA	1

In-Line Wire Strippers


1885425

Eliminate the awkward side pull and strip wires with power and confidence. The ergonomic, in-line orientation is designed to strip wire with ease using a natural pulling motion. A Patented 90-degree angled head fits into tight spaces and features a curved cutting edge that will stay sharper and longer. Electrical work has never been this easy.

Features & Benefits

Ergonomic Design: 90° angled head provides a natural, in-line, wire stripping orientation and movement.
Strong Hold: 90° Angled Head – Designed to Fits into Tight Spaces
Stays Sharp: A hardened cutting edge will stay sharper for longer.
Wire Gauge Capacity: Strip and cut wire 6-12 AWG. [1885428]
Strip and cut 12/2 14/2 dual conductor wire. [1885425]

Product Specifications

1885425: Strips and Cuts: 12/2, 12/2 Dual NM-B, 12, 14 AWG
Screw Shearing: 6-32, 8-32
Cutter Type: Curved
1885428: Strips and Cuts: 6, 8, 10, 12, 14 AWG Solid
8, 10, 12, 14 Stranded
Screw Shearing: 6-32, 8-32
Cutter Type: Curved

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1885425	In-Line Wire Strippers	10"	10" x 3.9" x 1"	.5 lbs.	EA	1
1885428	Heavy Duty In-Line Wire Strippers	10"	10" x 3.9" x 1"	.5 lbs.	EA	1

WRENCHES AND PLIERS CONT'D

Locking Pliers Pinch-Off Tool



1937673

The hilmor Locking Pliers Pinch-Off Tool is rugged and durable – a lot like you. Made from high-grade, heat-treated alloy steel, this tool is built to handle whatever you throw at it. The pinch-off mechanism locks on to tubing so your hands are free to get the real job done.

Features & Benefits

Rugged and Durable: Pliers are built to last, manufactured from high-grade, heat-treated alloy steel for durability.

Added Versatility: Designed to pinch off and lock on to 1/8" to 5/8" diameter tubing, leaving both hands free to do other work.

Product Specifications

Sizes: 1/8" - 5/8"

CATALOG NO.	DESCRIPTION	DIMENSIONS (D X W X H)	WEIGHT	UOM	ORDER MUL.
1937673	Locking Pliers Pinch-Off Tool	7-1/4" x 2-1/4" x 1"	12 oz.	EA	1

Refrigerant Recovery Tool



RRT100

Smart features that save refrigerant and time. Our Refrigerant Recovery Tool makes evacuation equipment quick and easy.

Features & Benefits

Added Convenience: Self-adjusting for 1/4" and 1/2" lines.

Secure Fit: Securely locks and seals.

Rugged and Durable: Stainless Steel Piercing Valve. Made from high carbon, heat treated steel jaws.

Product Specifications

Sizes: 1/8" - 5/8"

CATALOG NO.	DESCRIPTION	DIMENSIONS (D X W X H)	WEIGHT	UOM	ORDER MUL.
RRT100	Refrigerant Recovery Tool	1-1/2" x 5" x 11-1/2"	0.55 lbs.	EA	1

DRAIN GUN AND CARTRIDGES

SWOOSH® Drain Gun® Double Shot™ - 20g SWOOSH® CO_2 Cartridges & Case



SG-2KIT

The SG-2 SWOOSH Drain Gun® Double Shot allows you to clear drain lines better than before. The SG-2 SWOOSH Drain Gun® Double Shot can use a single 20g cartridge. To unleash the full capacity of the SG-2, load two 20g cartridges for 2.5X more SWOOSH! The SWOOSH Drain Gun® Double Shot features indicators that provide visual reference of pressurized chambers and the safety lock prevents accidental discharge. The SWOOSH Drain Gun® Double Shot easily stores cartridges inverted in either chamber when not in use. The SG-2KIT features the SG-2 Drain Gun® Double Shot, two 20 gram SWOOSH cartridges, a reinforced vinyl hose that's equipped with a tapered fitting to work on 3/8" - 3/4" drain openings, and a universal adapter for multiple drain line clearing accessories. It comes packaged in a blow-molded case with removable EVA foam.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SG-2KIT	SWOOSH® Drain Gun® Double Shot™ with 2 20g Cartridges & Case	EA	6

SWOOSH® Drain Gun® BIG SHOT™ - 20g SWOOSH® CO_2 Cartridges



SG-1



SGC-12

The SWOOSH® Drain Gun® BIG SHOT™ uses new larger 20 gram SWOOSH® cartridges that provide 25% more capacity to better remove clogs, gunk and debris from drain lines. And the SWOOSH® Drain Gun® BIG SHOT™ includes a flexible hose with tapered fitting to easily connect with drain line opening for fast and easy clearing.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SG-1	SWOOSH® Drain Gun® BIG SHOT™	EA	6
SGC-12	SWOOSH® 20g CO_2 Cartridges, pack of 12	PK	1

Drain Gun® - 16g SWOOSH® CO_2



GG-1

Clears condensate drains with a SWOOSH! A lightweight (3 oz.) portable tool designed to clean out drain lines instantly. New larger SWOOSH CO_2 cartridges now deliver 800 PSI of oil free air to clear the line. Each unit comes equipped with a tapered fitting to work on 3/8" – 3/4" drain openings. Flexible hose assembly maneuvers through cabinets, coils and hard to reach drains. Cartridges are environmentally safe and recyclable. No need for air or nitrogen tanks. Reduces labor costs and time on service calls.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
GG-1	Drain Gun® for A/C Condensate Lines	EA	6
GGC-12	SWOOSH® 16g CO_2 Cartridges, pack of 12	PK	1

REFILLABLE, PORTABLE AND OTHER DRAIN LINE CLEARING

DrainDawg™

The DrainDawg™ is a complete condensate drain cleaning kit, including the CT-475M deluxe nitrogen / CO_2 0-475 psi regulator, the TG-10 & BS-25 ten foot hose and blowgun assembly, and the CW-15 fifteen inch whip hose. Also included is the AP-DD DrainDawg™ Accessory Fitting Kit which contains the DF-75 DrainDawg™ inflatable tip, the CK-141 3/4"-1" cone fitting, the FA-02 CO_2 to nitrogen adapter, the QN-S3 needle tip, and the TC-25 tire chuck. Made in the USA.



CB-2

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CB-2	DrainDawg™ Kit	EA	3

DrainKat™

The DrainKat™ is an over-the-shoulder refillable, nitrogen or CO_2 mini drain cleaning kit. Featuring a small cylinder that holds 9 cubic feet of nitrogen or 2-1/2 pounds of CO_2. The cylinder includes an integral mounted regulator for quick and easy adjustment of discharge pressure. Get exactly the amount of pressure you need with a quick adjustment on the regulator. Furnished complete with an 87" hose and drain gun kit, the CW-15 whip hose, and the AP-DK DrainKat™ Accessory Fitting Kit which contains the DF-75 DrainDawg™ inflatable tip, the CB-03 3/4"-1" cone fitting, the FA-01 male to male CO_2 to nitrogen adapter, the FA-03 CO_2 trans-fill adapter, and the the QN-S3 needle tip. Made in the USA.



MBK-6

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MBK-6	DrainKat™ Kit	EA	2

ACCESSORIES

DrainGun® - 16g SWOOSH® CO_2 Accessories

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
GG-1A	DrainGun® Adapter Kit	EA	1
GG-1H	DrainGun® Hose Assembly	EA	1
GG-1TF	DrainGun® Replacement Tip	EA	1
GG-1BOR	DrainGun® Bottom O-Ring, Pack of 5	PK	1



GG-1A

SWOOSH®

DrainDawg™ and DrainKat™ Fittings

The DrainDawg™ and DrainKat™ products are compatible with a series of fittings to connect to condensate drain lines and hoses. The fittings are available individually, or as kits for the DrainDawg™ and DrainKat™.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
AP-DD	DrainDawg™ Accessory Pack	EA	1
AP-DK	DrainKat™ Accessory Pack	EA	1
BS-25	Blow Gun with Safety Tip for DrainDawg™ or DrainKat™	EA	1
CB-03	3/4" Cone Tip with Female Thread for DrainDawg™ or DrainKat™ Blow Gun	EA	1
CK-141	3/4" Cone with Male Thread for Use with Whip Hose for DrainDawg™ or DrainKat™	EA	1
CW-15	15" Whip Hose for DrainDawg™ or DrainKat™	EA	1
DF-75	DrainDawg™ Inflatable Tip for Drain Line Blowout	EA	1
FA-01	Nitrogen to CO_2 Adapter, Male by Male for DrainKat™	EA	1
FA-02	Nitrogen to CO_2 Adapter, Female by Female for DrainDawg™	EA	1
FA-03	CO_2 Transfill Adapter for DrainKat™	EA	1
QN-S3	Needle Tip with Female Thread for DrainDawg™ or DrainKat™ Blow Gun	EA	1
TC-25	Tire Chuck for DrainDawg™	EA	1
TG-10	120" Blow Gun Hose for DrainDawg™	EA	1
1TG-87A	87" Blow Gun Hose for DrainKat™	EA	1



AP-DD

LINESET CLEANER

Lineset Cleaner

The hilmor Lineset Cleaner uses a pressurized source to launch a foam puck into the line set to wipe the pipe clean of contaminants and remaining refrigerants.

Features & Benefits

Picture-Perfect Cleaning: Simply connect the correct nozzle, chamber the corresponding pig size, connect to a regulated compressed nitrogen source, and pull the trigger for a perfectly clean lineset.

Twice the Versatility: One tool that has the ability to effectively wipe contaminants and remaining oil from linesets ranging from 3/8" to 7/8".

Premium Care: The rinseable/reusable foam cleaning pigs are specially formulated and manufactured to flow through normal lineset configurations and most deformations.

Product Specifications

Max PSI 60 PSI

Connector Size for Pressure Inlet: 1/4" SAE male, 1.02 lbs



HLC007



HLN014 HLN118



HLP1450, HLP078, HLP034, HLP058, HLP012, HLP038, HLP118

CATALOG NO.	DESCRIPTION	SIZES	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
HLC007	Lineset Cleaner	NA	16.5" x 3.2" x 12.4"	7 lbs.	EA	1
HLP038	Foam Pig	3/8"	NA	NA	EA	1
HLP012	Foam Pig	1/2"	NA	NA	EA	1
HLP058	Foam Pig	5/8"	NA	NA	EA	1
HLP034	Foam Pig	3/4"	NA	NA	EA	1
HLP078	Foam Pig	7/8"	NA	NA	EA	1
HLP099	Assorted Foam Pigs - 2 EA	NA	NA	NA	EA	1
HLP1450	1/4" 50 Piece Contractor Pig Pack	NA	NA	NA	EA	1
HLP3850	3/8" 50 Piece Contractor Pig Pack	NA	NA	NA	EA	1
HLP1250	1/2" 50 Piece Contractor Pig Pack	NA	NA	NA	EA	1
HLP5850	5/8" 50 Piece Contractor Pig Pack	NA	NA	NA	EA	1
HLP3450	3/4" 50 Piece Contractor Pig Pack	NA	NA	NA	EA	1
HLP7850	7/8" 50 Piece Contractor Pig Pack	NA	NA	NA	EA	1
HLP095	95 Piece Contractor Pig Pack	NA	NA	NA	EA	1
HLN014	1/4" Nozzle Expansion Pack	1/4"	NA	NA	EA	1
HLN118	1/8" Nozzle Expansion Pack	1/8"	NA	NA	EA	1

VACUUM GAUGES

Wireless Vacuum Gauge

Easy positioning. Easier readings. Easily, the best vacuum gauge.

Features & Benefits

Easy to Read: LED backlit screen for easy to read display.

Long Battery Life: 80 hour battery life for Remote Sensor and Handheld.*

Added Convenience: Programmable audible micron alarm with high and low settings.

Added Versatility: Includes foldable hook and magnet to easily attach to any unit.

*measured with LED backlight turned off



1950217

Product Specifications

Contents: 1 - Remote Sensor with 3 AAA Batteries
1 - Handheld Display with 3 AA Batteries
1 - 1/4'' Female Flare Adaptor
1 - Protective Case

Accuracy: +/- 5% of Reading, +/- 10 microns

Units: micron, mTorr, Torr, mmhg, mBar, kPa and Pa

Wireless Range: 33 Feet (10 meters) Unobstructed

Resolution: 5 to 2,000 microns - 1 micron
2,001 to 5,000 - 100 microns
5,001 to 10,000 - 250 microns
10,001 to ATM - 1,000 microns

Refresh Rate: 0.5 Seconds

Battery Life: 80 Hours (Without Backlight)

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1950217	Wireless Vacuum Gauge	16.5" x 3.2" x 12.4"	7 lbs.	EA	1
1950219	Vacuum Gauge Sensor	NA	NA	EA	1
1950531	Vacuum Gauge Sensor and Transmitter	NA	NA	EA	1

VACUUM GAUGES

Compact Vacuum Gauge



CVG1200

The hilmor Compact Vacuum Gauge is an all-in-one micron gauge that is durably constructed for everyday use and abuse. An easy to read backlit display provides readings and the two button operation simplifies field use.

Features & Benefits

Easy to Read: Backlit LCD makes reading in the dark easy.
Convenient Storage: Protective case keeps the gauge safe and quick to grab.
Added Versatility: Full range readings lets you see the progress right away.
Superior Protection: Handles 800 psi momentarily if a mistake is made.

Product Specifications

Contents: 1 - Vacuum Gauge
1 - Protective Case
1 - AAA Batteries
Units: microns, mBar & mmHg
Accuracy: 5% ±10 microns (1 to 1,000 microns) at 25°C
20% (1,000 to 5,000 microns)at 25°C

Resolution: 1 micron (1 to 2,000 microns)
100 microns (2,000 to 20,000 microns)
1000 microns (20,000 to 100,000 microns)
10000 microns (100,000 to 300,000 microns)

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	UOM	ORDER MUL.
CVG1200	Wireless Vacuum Gauge	4.8" x 2.2" x 1.2"	EA	1

REFRIGERANT SCALES

Wireless Refrigerant Scale



RSWL220

Rugged & durable to handle all terrains. Use inside the case for added protection from the elements. The hilmor Wireless Refrigerant Scale remote provides the user with a market leading 130 foot wireless range to help tackle those challenging locations.

Features & Benefits

Accurate Readings: Provides readings in 0.2 oz increments.
Easy to Read: Backlit LED display is easy to read.
Added Versatility: Scale can be used in or out of the protective case.
Long Range: Wireless remote keeps working up to 130 ft away.

Product Specifications

Contents: 1 - Wireless Refrigerant Scale
1 - Remote
5 - AAA Batteries
5 - AA Batteries
1 - Protective Case
Units: kg or lbs. & oz.

Battery Life Duration: 40 hours
Resolution: 0.2 oz. (5 g)
Capacity: 220 lbs. (100 kg)
Wireless Range: 130 ft. (40m)
Operating Temperature: -10° to 40°C (14° to 104°F)

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
RSWL220	Wireless Refrigerant Scale	18" x 14-3/4" x 3-1/2"	10.6 lbs.	EA	1

Refrigerant Scale



RSW220

Rugged & durable to handle all terrains. Use inside the case for added protection from the elements.

Features & Benefits

Accurate Readings: Provides readings in 0.2 oz increments.
Easy to Read: Backlit LED display is easy to read.
Added Versatility: Scale can be used in or out of the protective case.
Secure: Rubberized surface provides tank stability and protects scale.

Product Specifications

Contents: 1 - Refrigerant Scale
5 - AAA Batteries
1 - Protective Case
Battery Life Duration: 40 hours
Resolution: 0.2 oz. (5 g)
Capacity: 220 lbs (100 kg)

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
RSW220	Wireless Refrigerant Scale	18" x 14-3/4" x 3-1/2"	10.6 lbs.	EA	1

LEAK DETECTION

Heated Diode Refrigerant Leak Detector



LDHD250

Tight Space? No problem. Find leaks fast with the flexible probe that allows access to all of those hard-to-reach areas.

Features & Benefits

Added Convenience:	Audible and visual notification.
Easy to Read:	LED screen for easy to read display.
Added Versatility:	Works on all halogenated refrigerants.
Small Space Capable:	Flexible probe allows access to the hard-to-reach areas.

Product Specifications

Contents:	1 - Leak Detector 1 - Accessory Case 3 - AA Batteries
Battery Life:	6 hours
Warranty:	2 Year Limited

Technical Specifications

Sensor Type:	Semi-Conductive Sensor (Heated Diode)
Sensor Life:	5 years (Typical)
Maximum Sensitivity:	(0.14 oz) 4 grams/year
Response Time:	3 Seconds
Warm-Up Time:	30 Seconds
Operating Environment:	32°F (0°C) to 104°F (40°C) at <75% RH (non-condensing)
Display Method	LED Display
Notification Mode	LED Display and Audio
Battery	(3) 1.5V AA
Battery Saver:	Automatic Shutdown after 10 Minutes of inactivity
Working Time:	6 Hours
Certifications:	SAE J1627, SAE J2791, SAE J2913, EN14624: 2012
Refrigerants:	It will detect all halogenated (including Chlorine or Fluorine) refrigerants. This includes, but is not limited to:
Detected:	CFC: R12, R11, R500, R503 HCFC: R22, R123, R124, R502 HFC: R134A, R404A, R410A, R407C

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
LDHD250	Heated Diode Refrigerant Leak Detector	10-1/4" x 2-1/4" x 2-1/4"	14 oz. (397g)	EA	1

Infrared Refrigerant Leak Detector



LDIR150

This detector is in it for the long haul. The 10-year sensor life will keep up with all of your daily demands.

Features & Benefits

Extra Confidence:	Built to last with a 10-year sensor life.
Easy to Read:	The TFT LCD screen provides a clear visual confirmation of the leak location.
Added Convenience:	Audible and visual notification for leak detection.
Added Versatility:	Works on all halogenated refrigerants.

Product Specifications

Contents:	Dimensions:
1 - Leak Detector	Length: 7.9"
1 - 10 pack of filters	Width: 3.3"
1 - Charger	Height: 1-1/2"
1 - Cable	Weight: 14.6 oz. (415g)
1 - Accessory Case	

Technical Specifications

Sensor Type:	Infrared Spectrum Absorption
Sensor Life:	10 years (Typical)
Maximum Sensitivity:	(0.14 oz) 4 grams/year
Response Time:	3 Seconds
Warm-Up Time:	30 Seconds
Operating Environment:	32°F (0°C) to 104°F (40°C) at <75% RH (non-condensing)
Display Method:	TFT LCD Display
Notification Mode:	TFT LCD Display and Audio
Battery:	Built-in Rechargeable Lithium Battery
Battery Saver:	Automatic Shutdown after 10 Minutes of inactivity
Working Time:	6 Hours
Charging Time:	4 Hours
Certifications:	SAE J1627, SAE J2791, SAE J2913, EN14624: 2012
Refrigerants	It will detect all halogenated (including Chlorine or Fluorine) refrigerants.
Detected:	This includes, but is not limited to: CFC: R12, R11, R500, R503 HCFC: R22, R123, R124, R502 HFC: R134A, R404A, R410A, R407C CH: R600A

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
LDIR150	Infrared Refrigerant Leak Detector	7.9" x 3.3" x 1-1/2"	14.6 oz. (415g)	EA	1

VACUUM PUMPS

Vacuum Pumps

Your days of messing around with clunky, unreliable pumps are over. These two-stage rotary vane vacuum pumps have been retooled with features to make pulling vacuum down to 25 microns a breeze.



1950532

hilmar

Features & Benefits

Hands-Free Carry: Two durable hoist points make transporting the vacuum pump easier. Compatible with the hilmor HVAC/R Carrying Strap.
Drains Oil Quickly: A sloped and channeled housing helps oil drain fast.
Extra Confidence: A leak-proof valve isolates the pump from the system for accurate vacuum readings and easy oil change without losing a vacuum.
Easy To Check Oil: Quickly identify oil level and detect oil contamination through a large sight glass.
High Efficiency: 2-Stage rotary vane pump achieves a lower vacuum and a higher volumetric flow rate

CATALOG NO.	DESCRIPTION	CFM	MOTOR HP	POWER REQ.	MOTOR SPEED	INTAKE FITTING	ULTIMATE VACUUM	OIL CAPACITY	COMPLIANCE	WARRANTY	DIMENSIONS (L X W X H)	NET WEIGHT	UOM	ORDER MUL.
1947970	Vacuum Pump	3	1/3	4.5A, 120V, 60Hz	1720 RPM	1/4", 3/8"	25 Microns	11 oz.	CSA	2 Year Limited	13.6" x 5.5" x 10.7"	23 lbs.	EA	1
1948121	Vacuum Pump	5	1/2	7.5A, 120V, 60Hz	3440 RPM	1/4", 3/8", 1/2"	25 Microns	11oz.	CSA	2 Year Limited	13.6" x 5.5" x 10.7"	24 lbs.	EA	1
1948122	Vacuum Pump	9	1	5.5A, 120V, 60Hz	1720 RPM	1/4", 3/8", 1/2"	25 Microns	15 oz.	CSA	2 Year Limited	15.9" x 5.9" x 11.2"	36 lbs.	EA	1
1950532	Vacuum Pump	12	1	7.6A, 120V, 60Hz	2500 RPM	1/4", 3/8", 1/2"	25 Microns	15oz.	CSA	2 Year Limited	15.6" x 5.7" x 10.1"	26 lbs.	EA	1

Battery Powered Vacuum Pump

Power and convenience come together in the perfect pump. The first thing you'll notice is this isn't your traditional hilmor vacuum pump. The hilmor BVP2CFM is powered by a rechargeable 18v Lithium-Ion battery with 9Ah extended runtime that keeps you in the field and on task. The hilmor BVP2CFM is designed, engineered and tested to be A2L compatible and includes the same innovative, patented features as the standard hilmor vacuum pumps to make evacuation as easy as possible.



BVP2CFM

hilmar

Features & Benefits

A2L Compatible: Sparkless design and brushless DC motor allow for use with A2L class refrigerants.
Multiple Sizes: 1/4", 3/8" flare connections with tethered brass caps.
Easy Oil Changes: Patented sloped front housing and oversized oil fill port allow easy on-site oil changes.
Quick, Easy Access: Easy access to a large oil fill port.
Easy To Check Oil: Quickly identify oil level and detect oil contamination through a large sight glass.

CATALOG NO.	DESCRIPTION	CFM	MOTOR HP	POWER REQ.	MOTOR SPEED	INTAKE FITTING	ULTIMATE VACUUM	OIL CAPACITY	COMPLIANCE	WARRANTY	DIMENSIONS (L X W X H)	NET WEIGHT	UOM	ORDER MUL.
BVP2CFM	Vacuum Pump	2	1/4	18V, 9Ah	RPM	1/4", 3/8"	25 Microns	5.4 oz.	ETL, C/US, CE	2 Year Limited	11.5" x 3.6" x 7.5"	8.75 lbs. (w/battery) 6.8 lbs. (w/o battery)	EA	1

Vacuum Pump Oil

Working in basements and crawlspaces all day, you're bound to get dirty. And so is your vacuum pump oil. Oil is the lifeblood of a vacuum pump and filters moisture and contaminants from the system. Clean oil means longer life for your pump and deeper, faster vacuum pulls.



1948212

1948211

hilmar

CATALOG NO.	DESCRIPTION	VOLUME	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1948211	Vacuum Pump Oil	Quart (Case of 12)	2-5/8" x 4-1/8" x 8-7/8"	3 lbs.	EA	1
1948212	Vacuum Pump Oil	1 Gallon (Case of 6)	4-1/8" x 7" x 12"	8 lbs.	EA	1

RECOVERY MACHINES

Recovery Machine

Pulls like a powerhouse. Lifts like a feather. The recovery machine designed for you.



1950536

hilmor

A2L COMPATIBLE

Features & Benefits

Quick, Easy Access:	Conveniently located hose ports make connecting hoses easier and reduces strain
Accurate, Easy to Read:	Digital LCD Screen provides accurate and easy to read pressure readings.
Superior Security:	High- and low-pressure automatic shutoff protects machine and helps ensure safety.
Convenient Storage:	Dedicated power cord wrap protects the cord and secures the plug.

Product Specifications

Compatible Refrigerants:	R-12, R-134A, R-401C, R-406C, R-500 R-401A, R-412A, R-22, R-407C, R-509 R-409A, R-411A, R-411B, R-402B R-401B, R-407B, R-502, R-408AR-401A, R-412A, R-22, R-407C, R-509 R-409A, R-411A, R-411B, R-402B R-401B, R-407B, R-502, R-408A R-407A, R-402A, R-407B, R-404A R-507, R-410AR-407A, R-402A, R-407B, R-404A R-507, R-410A
Compliance:	CSA , FCC , AHRI740-1998 UL Verified

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
1950536	Recovery Machine	9.2" x 4.9" x 12-1/2"	17-1/2 lbs.	EA	1
1950537	Intake Filter, O-Ring	NA	NA	EA	1

WORK LIGHTS

PIVOT™

The PIVOT™ is a light that has a 360° swivel hook with 240 lumens and magnetic base and back. Three AA batteries included.



111114

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111114	PIVOT™ Pivoting Work Light	EA	9

PIVOT™ 33

The Pivot™ 33 is a light that has a 360° swivel hook with 160 lumens and magnetic back and pivoting base. Lights on front and top with three AA batteries included. Available in yellow or camo.



24-458

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
24-458	PIVOT™ 33 Work Light	EA	9
24-460	PIVOT™ 33 Work Light, Camo	EA	9

Clip-On Zoom

The Clip-On Zoom Light provides 150 lumens, 90° pivoting capability coupled with the ability to zoom from broad to narrow. It includes a magnetic base and includes three AAA batteries.



111128

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111128	Clip-On Zoom Work Light	EA	8

PIVOT™ mini

The PIVOT™ mini is a light that has a 360° swivel hook with 120 lumens and magnetic back and base. Lights on front and top with three AAA batteries included. Available in yellow or camo.



111115

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111115	PIVOT™ mini Pivoting Work Light	EA	12
111117	PIVOT™ mini Pivoting Work Light, Camo	EA	12

PIVOT™ Tough-Light

The PIVOT™ Tough Light has 150 lumens with a hanging hook and magnetic base. It also has 180 degree pivoting capability with three AAA batteries included.



111123

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111123	PIVOT™ Tough-Light Work Light	EA	8

Cliplight Extends

The Cliplight Extends has 120 lumens at the top and 140 lumens in the front with a pivoting head. The light comes with a telescopic system and magnetic base. Four AAA batteries included.



111130

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111130	Cliplight Extends Work Light	EA	8

WORK LIGHTS CONT'D

HEMImini™

The HEMImini™ has up to 1000 lumens of power (4 hours - full power) with a 4400 mAh lithium-ion rechargable battery. It includes a 180 degree swivel hook with an optional magnetic cover.



114301 410239

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
114301	HEMImini™ Work Light	EA	1
410239	Magnetic Cover for HEMImini™ Work Light	EA	1

Flex Light

The Flex Light provides 120 lumens of lighting for tight spaces with the ability to bend 90 degrees backwards and forwards. Designed with flexibility in mind, this light comes with a magnetic base and three AAA batteries.



111131

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111131	Flex Pocket Work Light	EA	8

Clipstrip™ / Clipstrip 2™

Clipstrip™ is a powerful pocket light with 140 lumens and includes a pivoting magnetic clip. It is available in yellow or camo with three AAA batteries included.



111118

111112

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111112	Clipstrip™ Pocket Light	EA	12
111116	Clipstrip™ Pocket Camo Light	EA	12
111118	Clipstrip 2™ Pocket Light	EA	9

Work Light

Just because you could do it with your eyes closed, doesn't mean you should have to. Bring light to the HVAC/R problems at hand so you can do what you do best, solve them.



HMWL1200

Product Specifications

Two Power Modes: 1200 Lumens (3 Hrs), 600 Lumens (5 Hrs)

Lithium Ion Rechargeable Battery
Magnetic Stand for Secure Positioning
Adjustable Joints

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
HMWL1200	Work Light	7" x 7" x 8-1/2"	3.9 lbs.	EA	1

HEMIPLUS™ 2

The HEMIPLUS™ 2 has up to 1200 lumens of power (4 hours - full power) with a 4400 mAh lithium-ion rechargable battery. It includes a metal hook and removable magnetic cover.



114302

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
114302	HEMIPLUS™ 2 Work Light	EA	1

Curve Light

The Curve Light provides 300 lumens of lighting using chip-on board technology. Desgined with a curved shape to protect the lens and rubber bumper for durability. It is rugged yet sleek. A hanging hook, magnetic base and three AA batteries are included.



111133

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111133	Curve Heavy Duty Work Light	EA	6

SEEKERmax™

High powered UV light with rechargable 2200 mAh lithium-ion battery with no UV enhancing glasses required. Finds leaks day or night. 4 hours of continuous use.



87DCPLUS

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
87DCPLUS	SEEKERmax™ UV LED Worklight	EA	1

Clipstrip™ Aqua

Clipstrip™ Aqua is a waterproof light with 180 lumens and includes a magnetic clip and floats. It is available in yellow and comes with a rechargable 2200 mAh lithium-ion battery. Sold individually.



111113

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111113	Clipstrip™ Aqua Light	EA	1

Mini Work Light

A little light goes a long way when you're working under a tricky unit. Small but mighty, our Mini Work Light gives you 600 and 1200 lumens for dark and darker conditions.



HMMWL600

Product Specifications

Two Power Modes: 600 Lumens (1.5 Hrs), 300 Lumens (3 Hrs)

Magnetic Base
Adjustable Joint For Different Angles
Rechargeable Li-Ion Battery

CATALOG NO.	DESCRIPTION	DIMENSIONS (DIA. X H)	WEIGHT	UOM	ORDER MUL.
HMMWL600	Mini Work Light	3" x 2"	0.3 lbs.	EA	1

WORK LIGHTS CONT'D

Portable Work Light



HMPWL1200

You're always on the move but your light source must be steady. Designed to prevent shadows and hotspots, the Portable Work Light offers precise light dispersal for the perfect view of whatever moving target you're hitting.

Product Specifications
Two Power Modes: 1200 Lumens (4 Hrs), 600 Lumens (8 Hrs)
Wide Circular Beam
Secure Hold
Rechargeable Battery

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
HMPWL1200	Portable Work Light	10-1/4" x 2" x 1-1/2"	1.35 lbs.	EA	1

Compact Work Light



HMCWL150

Bright light. Small work space. Designed to fit in your pocket and stick to metal, you can see whatever you need to with ease when you have this little number.

Product Specifications
150 Lumens Array
3 AAA Batteries Included
Rotating Hook for Hands-Free Use
Magnetic Base for Precise Positioning

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
HMCWL150	Compact Work Light	5-1/5" x 1-1/2" x 2-1/2"	1.0 oz.	EA	1

Pivoting Work Light



HMPWL240

For light here, there and everywhere you want it. The Portable Work Light lets you shine light on the problems at hand … without the use of your hands. Because let's face it, your hands are busy.

Product Specifications
240 Lumen Array
Pivoting Work Light
Magnetic Attachment Points on Back and Base
3 AA Batteries Included

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
HMPWL240	Pivoting Work Light	8-1/5" x 2-1/4" x 2"	9.6 oz.	EA	1

Pocket Work Light



HMPWL180

You need light and possibly a third hand. That's why we'll skip giving you another thing to hold. The Pocket Work Light lives and works right on your pocket to illuminate any and all things HVAC/R.

Product Specifications
180 Lumens
180° Swivel Magnetic Clip
3 AAA Batteries Included

CATALOG NO.	DESCRIPTION	DIMENSIONS (L X W X H)	WEIGHT	UOM	ORDER MUL.
HMPWL180	Pocket Work Light	6-1/4" x 1" x 3/4"	2.4 oz.	EA	1

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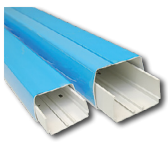
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EASYGUARD® LINESET COVER SYSTEM

EasyGuard®

EasyGuard® long channels are available in two widths, both in 6-1/2 feet lengths. They're made of UV resistant PVC material to resist the elements and provide lasting protection.



EG-D3W EG-D4W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-D3W	3" EasyGuard® - 6-1/2" long	EA	1
EG-D4W	4" EasyGuard® - 6-1/2" long	EA	1

Channel must ship LTL.

Soffit Fittings

Ideal for outdoor applications where the EasyGuard® runs up an exterior wall and enters the house vertically through the soffit. Its large flat surface area easily covers the rough opening cut in the soffit. Furnished in two parts, the Soffit Fitting easily snaps onto the EasyGuard® for a clean installation.



EG-SF3W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-SF3W	3" Soffit Fitting	EA	1
EG-SF4W	4" Soffit Fitting	EA	1

90° Inside Elbow

90° inside elbows are used to route the EasyGuard® around an inside corner. Each elbow is individually packed, and is furnished complete with stainless steel screws.



EG-EB3W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-EB3W	3" 90 degree Inside Elbow	EA	1
EG-EB4W	4" 90 degree Inside Elbow, Brown	EA	1

Union Coupling

Used for joining two pieces of EasyGuard®- each cover being the same size. Each coupling is individually packed, and is furnished complete with stainless steel screws.



EG-CP3W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-CP3W	3" Union Coupling	EA	1
EG-CP4W	4" Union Coupling	EA	1

T-Joint

Used for creating a tee connection between three pieces of EasyGuard® – all covers being the same size. The tee can be combined with the reducing coupling to join EasyGuards of different sizes. Each tee is individually packed, and is furnished complete with stainless steel screws.



EG-TJ4W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-TJ3W	3" T-Joint	EA	1
EG-TJ4W	4" T-Joint	EA	1

Wall Covers

The EasyGuard® wall covers are used to transition through a wall penetration. The wall sleeve creates a clean hole through the wall and the lineset is covered by the wall cover. Each wall cover is individually packed and includes stainless steels screws to attach the wall cover to the base.



EG-WC3W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-WC3W	3" Wall Penetration Cover	EA	1
EG-WC4W	4" Wall Penetration Cover	EA	1

90° Flat Bend

90° flat bends are used to route the EasyGuard® around an obstacle. Each bend is individually packed, and is furnished complete with stainless steel screws.



EG-FB3W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-FB3W	3" 90 degree Flat Bend	EA	1
EG-FB4W	4" 90 degree Flat Bend	EA	1

90° Outside Elbow

90° outside elbows are used to route the EasyGuard® around an outside corner. Each elbow is individually packed, and is furnished complete with stainless steel screws.



EG-EIN3W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-EIN3W	3" 90 degree Outside Elbow	EA	1
EG-EIN4W	4" 90 degree Outside Elbow	EA	1

Flex Hose Connection Kit

The EasyGuard® EG-FH4W white flex hose connection kit protects the lineset from the condensing unit to the wall. It also provides a quick connection between two lengths of channel over or around obstacles. The kit includes everything needed for a clean and professional installation.



EG-FH3W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-FH3W	3" Flex Hose Connection Kit	EA	1
EG-FH4W	4" Flex Hose Connection Kit	EA	1

Reducer Coupling

Used for joining two pieces of EasyGuard®- each cover being a different size. Each coupling is individually packed, and is furnished complete with stainless steel screws.



EG-TC34W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-TC34W	3" x 4" Reducer Coupling	EA	1

EASYGUARD® LINESET COVER SYSTEM CONT'D

Duct End

The duct end is used to terminate a run of EasyGuard® to a small opening – just large enough for the lineset and condensate drain line to pass through. Gives a neat/clean installation.



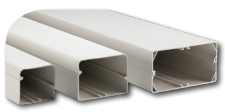
EG-DE3W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EG-DE3W	3" Duct End	EA	1
EG-DE4W	4" Duct End	EA	1

SPEEDICHANNEL®

SpeediChannel®

The DiversiTech SpeediChannel® is available in three widths, all in 6-1/2 feet lengths. Includes pack of SpeediClips™.



230-D3W 230-D4W 230-D6W



230-D3B



230-D3A



230-D3W

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-D3A	3" SpeediChannel®	EA	6
230-D3B	3" SpeediChannel®, Brown	EA	6
230-D3W	3" SpeediChannel®, White	EA	6
230-D4A	4" SpeediChannel®	EA	6
230-D4B	4" SpeediChannel®, Brown	EA	6
230-D4W	4" SpeediChannel®, White	EA	6
230-D6	6" SpeediChannel®	EA	5
230-D6W	6" SpeediChannel®, White	EA	5

Channel must ship LTL.

Adjustable Flat Bend

Adjustable flat bends flex from 45 to 90 degrees and make it easy to route the SpeediChannel® around an obstacle. Each adjustable bend is individually packed and includes stainless steel screws.



230-AFB3

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-AFB3	3" Adjustable Flat Bend	EA	10
230-AF-B3W	3" Adjustable Flat Bend, White	EA	10
230-AFB4	4" Adjustable Flat Bend	EA	10
230-AF-B4W	4" Adjustable Flat Bend, White	EA	10

Soffit Fittings

Ideal for outdoor applications where the SpeediChannel® runs up an exterior wall and enters the house vertically through the soffit. Its large flat surface area easily covers the rough opening cut in the soffit. Furnished in two parts, the soffit fitting easily snaps onto the SpeediChannel® for a clean installation.



230-SF3 230-SF4

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-SF3	3" Soffit Fitting	EA	10
230-SF3W	3" Soffit Fitting, White	EA	10
230-SF4	4" Soffit Fitting	EA	10
230-SF4W	4" Soffit Fitting, White	EA	10

Wall Penetration

Wall sleeves and penetration covers are used to transition through a wall penetration. The wall sleeve creates a neat hole through the wall, and the lineset is covered by the wall cover. SpeediChannel® wall covers are designed to allow for easy installation - even after the lineset has been installed. A unique hooking and fastening arrangement allows for quick and easy installation. Each wall cover is individually packed, and is furnished complete with stainless steel screws to attach the wall cover to the base. Three screws (not included) are needed to fasten the wall cover to whatever type of wall construction the system is being installed on.



230-WC3





230-WS2

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-WC3	3" Wall Penetration Cover	EA	10
230-WC3B	3" Wall Penetration Cover, Brown	EA	10
230-WC3W	3" Wall Penetration Cover, White	EA	10
230-WC4	4" Wall Penetration Cover	EA	10
230-WC4B	4" Wall Penetration Cover, Brown	EA	10
230-WC4W	4" Wall Penetration Cover, White	EA	10
230-WC6	6" Wall Penetration Cover	EA	10
230-WC6W	6" Wall Penetration Cover, White	EA	10
230-WS2	2-1/2" Wall Sleeve	EA	10

SPEEDICHANNEL® CONT'D

90° Flat Bend

90° flat bends are used to route the SpeediChannel® around an obstacle. Each bend is individually packed, and is furnished complete with stainless steel screws.



230-FB3



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-FB3	3" 90 degree Flat Bend	EA	10
230-FB3B	3" 90 degree Flat Bend, Brown	EA	10
230-FB3W	3" 90 degree Flat Bend, White	EA	10
230-FB4	4" 90 degree Flat Bend	EA	10
230-FB4B	4" 90 degree Flat Bend, Brown	EA	10
230-FB4W	4" 90 degree Flat Bend, White	EA	10
230-FB6	6" 90 degree Flat Bend	EA	10
230-FB6W	6" 90 degree Flat Bend, White	EA	10

90° Long Radius Bend

90° long radius flat bends are used to route the SpeediChannel® around an obstacle. The long radius of the elbow allows a gentle bending radius on the copper line set. Each elbow is individually packed, and is furnished complete with stainless steel screws.



230-LFB4

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-LFB3	3" 90 degree Long Radius Bend	EA	10
230-LFB3B	3" 90 degree Long Radius Bend, Brown	EA	10
230-LFB3W	3" 90 degree Long Radius Bend, White	EA	10
230-LFB4	4" 90 degree Long Radius Bend	EA	10
230-LFB4B	4" 90 degree Long Radius Bend, Brown	EA	10
230-LFB4W	4" 90 degree Long Radius Bend, White	EA	10
230-LFB6	6" 90 degree Long Radius Bend	EA	10
230-LFB6W	6" 90 degree Long Radius Bend, White	EA	10

90° Outside Elbow

90° outside elbows are used to route the SpeediChannel® around an outside corner. Each elbow is individually packed, and is furnished complete with stainless steel screws.



230-EIN3



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-EIN3	3" 90 degree Outside Elbow	EA	10
230-EIN3B	3" 90 degree Outside Elbow, Brown	EA	10
230-EIN3W	3" 90 degree Outside Elbow, White	EA	10
230-EIN4	4" 90 degree Outside Elbow	EA	10
230-EIN4B	4" 90 degree Outside Elbow, Brown	EA	10
230-EIN4W	4" 90 degree Outside Elbow, White	EA	10
230-EIN6	6" 90 degree Outside Elbow	EA	10
230-EIN6W	6" 90 degree Outside Elbow, White	EA	10

45° Flat Bend

45° flat bends are used to route the SpeediChannel® around an obstacle. Each bend is individually packed, and is furnished complete with stainless steel screws.



230-FB453

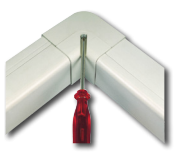
CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-FB453	3" 45 degree Flat Bend	EA	10
230-FB453B	3" 45 degree Flat Bend, Brown	EA	10
230-FB453W	3" 45 degree Flat Bend, White	EA	10
230-FB454	4" 45 degree Flat Bend	EA	10
230-FB454B	4" 45 degree Flat Bend, Brown	EA	10
230-FB454W	4" 45 degree Flat Bend, White	EA	10
230-FB456	6" 45 degree Flat Bend	EA	10
230-FB456W	6" 45 degree Flat Bend, White	EA	10

90° Inside Elbow

90° inside elbows are used to route the SpeediChannel® around an inside corner. Each elbow is individually packed, and is furnished complete with stainless steel screws.



230-EB3



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-EB3	3" 90 degree Inside Elbow	EA	10
230-EB3B	3" 90 degree Inside Elbow, Brown	EA	10
230-EB3W	3" 90 degree Inside Elbow, White	EA	10
230-EB4	4" 90 degree Inside Elbow	EA	10
230-EB4B	4" 90 degree Inside Elbow, Brown	EA	10
230-EB4W	4" 90 degree Inside Elbow, White	EA	10
230-EB6	6" 90 degree Inside Elbow	EA	10
230-EB6W	6" 90 degree Inside Elbow, White	EA	10

Union Coupling

Used for joining two pieces of SpeediChannel® — each cover being the same size. Each coupling is individually packed, and is furnished complete with stainless steel screws.



230-CP3



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-CP3	3" Union Coupling	EA	10
230-CP3B	3" Union Coupling, Brown	EA	10
230-CP3W	3" Union Coupling, White	EA	10
230-CP4	4" Union Coupling	EA	10
230-CP4B	4" Union Coupling, Brown	EA	10
230-CP4W	4" Union Coupling, White	EA	10
230-CP6	6" Union Coupling	EA	10
230-CP6W	6" Union Coupling, White	EA	10

SPEEDICHANNEL® CONT'D

T-Joint

Used for creating a tee connection between three pieces of SpeediChannel® – all covers being the same size. The tee can be combined with the reducing coupling to join SpeediChannel's different sizes. Each tee is individually packed, and is furnished complete with stainless steel screws.



230-TJ4



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-TJ4	4" T-Joint	EA	10
230-TJ4B	4" T-Joint, Brown	EA	10
230-TJ4W	4" T-Joint, White	EA	10
230-TJ6	6" T-Joint	EA	10
230-TJ6W	6" T-Joint, White	EA	10

Reducer Coupling

Used for joining two pieces of SpeediChannel® — each cover being a different size. Each coupling is individually packed, and is furnished complete with stainless steel screws.



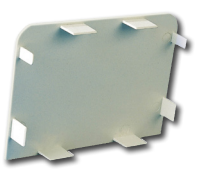
230-TC34



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-TC34	3" x 4" Reducer Coupling	EA	10
230-TC34W	3" x 4" Reducer Coupling, White	EA	10
230-TC46	4" x 6" Reducer Coupling	EA	10
230-TC46W	4" x 6" Reducer Coupling, White	EA	10

Cap

Used to cap the end of a SpeediChannel® run. Easily snaps into the end of the SpeediChannel®.



230-DC3

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-DC3	3" Cap	EA	10
230-DC3W	3" Cap, White	EA	10
230-DC4	4" Cap	EA	10
230-DC4W	4" Cap, White	EA	10
230-DC6	6" Cap	EA	10
230-DC6W	6" Cap, White	EA	10

Flex Joint

An accordion style piece of SpeediChannel®, the flex joint can be extremely flexible routing a SpeediChannel® system around virtually any type of obstacle. Each joint is 20" long and can be combined together for longer flex runs. Unlike competitor systems, the DiversiTech flex joint does NOT require the use of a union coupling. The DiversiTech flex joint slides tightly inside the SpeediChannel® system.



230-FJ3

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-FJ3	3" Flex Joint	EA	10
230-FJ3W	3" Flex Joint, White	EA	10
230-FJ4	4" Flex Joint	EA	10
230-FJ4W	4" Flex Joint, White	EA	10

Duct End

The duct end is used to terminate a run of SpeediChannel® to a small opening – just large enough for the lineset and condensate drain line to pass through. Gives a neat/clean installation.



230-DE3 230-DE4



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-DE3	3" Duct End	EA	10
230-DE3B	3" Duct End, Brown	EA	10
230-DE3W	3" Duct End, White	EA	10
230-DE4	4" Duct End	EA	10
230-DE4B	4" Duct End, Brown	EA	10
230-DE4W	4" Duct End, White	EA	10
230-DE6	6" Duct End	EA	10
230-DE6W	6" Duct End, White	EA	10

Flat Wall Escutcheon

Typically used to cover a rough opening in a soffit, wall, or ceiling penetration. One side of the escutcheon is flat to allow for a SpeediChannel® run going along a wall, and penetrating through an adjacent wall or ceiling. This is the most common type of wall penetration. Furnished in two parts, the escutcheon easily snaps onto the SpeediChannel®.



230-FR3



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-FR3	3" Flat Wall Escutcheon	EA	10
230-FR3W	3" Flat Wall Escutcheon, White	EA	10
230-FR4	4" Flat Wall Escutcheon	EA	10
230-FR4W	4" Flat Wall Escutcheon, White	EA	10
230-FR6	6" Flat Wall Escutcheon	EA	10
230-FR6W	6" Flat Wall Escutcheon, White	EA	10

SPEEDICHANNEL® CONT'D

Wall Escutcheon

Typically used to cover a rough opening in a wall or ceiling penetration. The hole in the escutcheon is centered to allow for a free standing SpeediChannel® to penetrate through a wall or ceiling. This is the fairly un-common type of wall or ceiling penetration. Check carefully, as you may need the Flat Wall Escutcheon. Furnished in two parts, the escutcheon easily snaps onto the SpeediChannel®.



230-WR3



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-WR3	3" Wall Escutcheon	EA	10
230-WR3W	3" Wall Escutcheon, White	EA	10
230-WR4	4" Wall Escutcheon	EA	10
230-WR4W	4" Wall Escutcheon, White	EA	10
230-WR6	6" Wall Escutcheon	EA	10
230-WR6W	6" Wall Escutcheon, White	EA	10

SpeediChannel® Installation Kits



230-IKC3W

The SpeediChannel® Installation Kit provides a simple mix of the basic fittings used in a typical SpeediChannel® installation job. Included are one coupling, one wall penetration, one inside elbow, one long radius flat bend, and one pack of ten SpeediClips and 11" cable ties. The 230-IKC3 and 230-IKC4 Installation Kits include three 48" pieces of channel and selected fittings.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-IKC3	3" SpeediChannel® Installation Kit	EA	1
230-IKC3W	3" SpeediChannel® Installation Kit, White	EA	1
230-IKC4	4" SpeediChannel® Installation Kit	EA	1
230-IKC4W	4" SpeediChannel® Installation Kit, White	EA	1

Roof Inlets



230-INJ465

"Roof entrance" adapters for linesets are the ultimate solution for a professional flat roof installation. Manufactured from UV weather resistant plastics or painted aluminum, the Roof Inlet combines a series of features:

- The Roof Inlet body part is equipped with a slope avoiding possible damage to the insulation and preventing kinks into the copper tubes.
- The Roof Inlet base holes allow a steady fixation (depending on the roof surface type and composition).
- The Roof Inlet cap is firmly fixed to the body with stainless steel bolts.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-INJ465	SpeediChannel® Roof Inlet – 5" x 5" PVC	EA	1
230-INJ462	SpeediChannel® Roof Inlet – 10" x 5" PVC	EA	1
230-INJ463A	SpeediChannel® Roof Inlet – 3" x 3" PVC	EA	1
230-INJ465A	SpeediChannel® Roof Inlet – 5" x 5" PVC	EA	1
230-INJ462A	SpeediChannel® Roof Inlet – 5" x 10" PVC	EA	1

SpeediChannel® Accessories



230-DCLIP-10

A variety of accessories that are complementary or required for installing DiversiTech's SpeediChannel® system.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-DCLIP-10	SpeediClip™ and 11" Cable Ties, pack of 10	PK	1
230-DCLIP	SpeediClip™, pack of 50	PK	1
230-DSCREW	SpeediChannel® screws, pack of 100	PK	1

SpeediChannel® Flex Hose Kits



230-FH3-KIT

A flexible hose kit protects the lineset from the condensing unit to the wall. The kit also provides a quick easy connection between two lengths of channel over or around obstacles. The kit comes with everything needed for a clean professional installation.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-FH3-KIT	3" Flex Hose Kit	EA	1
230-FH3W-KIT	3" Flex Hose Kit, White	EA	1
230-FH4-KIT	4" Flex Hose Kit	EA	1
230-FH4-KITW	4" Flex Hose Kit, White	EA	1

Universal Pump Elbow



230-PFB3

The Universal Pump Elbow lets an installer use any mini pump of their choice and install it with SpeediChannel. Includes pump elbow and reservoir mounting brackets to fit most mini-split pumps.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-PFB3	Universal Pump Elbow	EA	1

Lineset Cover Cutter



230-CUTTER

The 230-CUTTER is designed to easily cut lineset covers that protect linesets and insulations in HVAC applications. The 230-CUTTER has a ratcheting cutting blade that makes cutting lineset covers easy and clean. It has cutting capacity for various duct sizes, ranging from 1.38" x 1.18" up to 3.54" x 2.55".

- Easy to open and close
- Cut cleanly with ratcheting blade
- Strong metal body and handle
- Safety hook to keep blade closed
- Lightweight and easy to carry

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
230-CUTTER	Lineset Cover Cutter	EA	1

CONCENTRIC VENTS

Concentric Vents

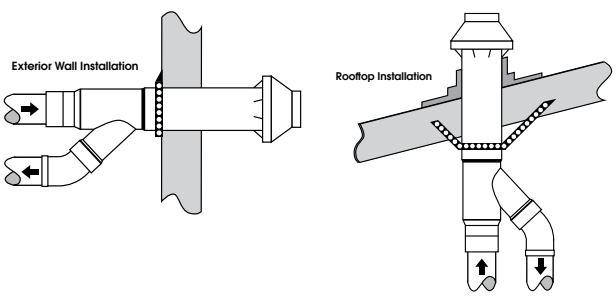
Concentric vents make it easier to have a two-pipe installation for high efficiency furnaces. These vents simplify installation and only require one hole through the wall or roof where the pipes terminate. Without using these vents, the installation would require cutting two holes through the home, one for each pipe. These vents save time and money by reducing the amount of work required. Available in 2", 3" or 4" intake vent sizes.



CVENT-2 **CVENT-4**
CVENT-3

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CVENT-2	2" Concentric Vent	EA	1
CVENT-3	3" Concentric Vent	EA	1
CVENT-4	4" Concentric Vent	EA	1
CVENTCAP2	Replacement cap for CVENT-2	EA	1
CVENTCAP3	Replacement cap for CVENT-3	EA	1
CVENTCAP4	Replacement cap for CVENT-4	EA	1
CVS-2	Vent screen for CVENT-2	EA	1
CVS-3	Vent screen for CVENT-3	EA	1
CVENT-2AB	Accelerator Bushing for 2" CVENT	EA	1

Concentric Vent Flexible Installation



Extended Lengths for Concentric Vents

Concentric vents make it easier to have a two-pipe installation for high efficiency furnaces. These vents simplify installation and only require one hole through the wall or roof where the pipes terminate. Without using these vents, the installation would require cutting two holes through the home, one for each pipe. These vents save time and money by reducing the amount of work required. The extended length of these vents help to maintain clearance above the anticipated snow level to meet local code requirement.



CVENT-2-EXT
CVENT-3-EXT

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CVENT-2-EXT	2" Concentric Vent Kit, 60" Overall Ext. Length	EA	1
CVENT-3-EXT	3" Concentric Vent Kit, 60" Overall Ext. Length	EA	1

Horizontal Vent Termination Kits

Horizontal vent kits for use in venting high efficiency fossil fuel appliances. The low profile kit hides the vent from view.



HVENT-2

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
HVENT-2	Horizontal Termination Kit - 2"	EA	6
HVENT-3	Horizontal Termination Kit - 3"	EA	6

DUCT SMOKE TESTERS

Smokeys

Smoke emitter cartridges provide effective, low cost leak testing of heat exchangers, air ducts, tanks and boilers. Visual air balancing of HVAC systems. Cartridges produce clean, oil free smoke through chemical reaction. Use also for fire drills as well as the placement and testing of smoke alarms/detectors.



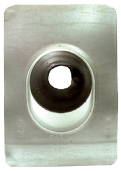
14175

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
14145	45 second burn time, 150 cu. ft., pack of 10	PK	1
14175	75 second burn time, 600 cu. ft., pack of 10	PK	1
14250	2-1/2 minute burn time, 1,100 cu. ft., pack of 5	PK	1
14340	4 minute burn time, 2,500 cu. ft., pack of 5	PK	1

ROOF FLASHINGS

No-Caulk Roof Flashing

These No-Caulk Roof Flashings provide a watertight seal for vent pipes. They are available for all common pipe sizes with either a galvanized steel or thermoplastic base. Easy to install. Slides over pipe for pitch to 40° - 45°. Made either of rust-proof, stamped 28 gauge galvanized steel or non-fading, non-cracking rigid black thermoplastic. Non-fading sealing collar. Approved for Type B installations. Do not use paint or petroleum-based products on plastic bases or rubber collar.



5-11830

Oatey

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-11830	Roof Flashing - 1/2"- 3/4"-1"	EA	12
5-11840	Roof Flashing - 1-1/4" - 1-1/2"	EA	12
5-11853	Roof Flashing - 2"	EA	12
5-11866	Roof Flashing - 3"	EA	12
5-11879	Roof Flashing - 4"	EA	12
530-11908	Roof Flashing, Thermoplastic, 1-1/4" - 1-1/2"	EA	12
530-11909	Roof Flashing, Thermoplastic, 2"	EA	12
530-11910	Roof Flashing, Thermoplastic, 3"	EA	12
530-11911	Roof Flashing, Thermoplastic, 4"	EA	12
530-11919	Roof Flashing, Thermoplastic, 1-1/2" - 3"	EA	12

VENTS

Periscope Connection Kit

For tight space duct venting. Contains one male snap lock fitting and one draw band with clamp. Adjustable 17" to 28".



650-020

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
650-020	4" Periscope Kit	EA	9

Metallic Duct – 2 Ply

2 ply metallic duct — aluminum outside, polyester inside. Ideal for bath fan ducting and all purpose venting.

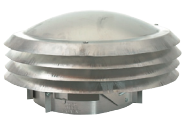


FM0450

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
FM0450	4" x 50' 2 Ply Metallic Duct	EA	1

Versa Cap® Flue and Hot Stack Caps

Non-clogging positive draft design, recommended for flue or hot stack installation. Clamp fitting adjustable for all standard sizes. Aluminum model. U.L. Listed.



6-3050

CATALOG NO.	PIPE O.D.	DOUBLE WALL	SINGLE WALL	J-M TRANS. SITE	HEIGHT/ OVERALL DIAMETER	UOM	ORDER MUL.
6-3050	2-7/8" - 5"	3 & 4	3 & 4	3 & 4	4-1/2" x 6-5/8"	EA	12
6-5070	4-7/8" - 7"	5 & 6	5 & 6	5 & 6	4-3/4" x 9-1/2"	EA	12
6-7090	6-7/8" - 9"	7 & 8	7 & 8	7 & 8	5-7/8" x 11-5/8"	EA	12
6-9011	8-7/8" - 11"	9 & 10	9 & 10	9 & 10	6-1/2" x 12-3/4"	EA	6

Roof Louver

Unique interior louver design, eliminating the need for a screen. The square hood has been designed for maximum air movement. Large nailing flange for easy installation. U.L. Listed.

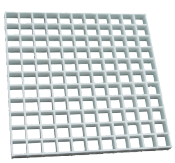


6-R50A

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-R50A	Roof Louver - Aluminum	EA	10

Egg Crate Louvers – Air Return Diffusers

White polystyrene 1/2" open cell grid louvers are beneficial for air return.



650-300

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
650-300	Egg Crate Louvers - 2' x 2' x 1/2"	EA	20
650-200	Egg Crate Louvers - 2' x 4' x 3/8"	EA	15
650-100	Egg Crate Louvers - 2' x 4' x 1/2"	EA	10

VENTS CONT'D

Flue Caps


EC-1

PVC Flue Caps are an affordable way to protect today's high efficiency furnaces from dirt, moisture and other debris.

- Protection for high efficiency furnaces
- Universal flue cap fits 1.5", 2" and 3" PVC pipe
- Reduces draft inducer motor rust
- Helps to eliminate pressure switch service calls
- Resistant to UV radiation and oxidative degradation
- CSA-approved for use in 90% AFUE heating applications

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EC-1	E Cap Flue Cap	EA	12

Aluminum Dryer Vent Hoods, Kits, and Fittings

Aluminum vent hood with flange plate.


650-001

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
650-001	4" Aluminum Hood	EA	24
650-002	3" Aluminum Hood	EA	24
650-003	4" Hood / 8' Tubing	EA	24
650-038	4" Aluminum Wide Mouth	EA	10

Plastic Wide Mouth Dryer Vent Hood

Hood, aluminum pipe and collar.


650-012

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
650-031	3" White Hood - Assembled	EA	12
650-012	4" White Hood - Assembled	EA	12
650-013	4" White Hood - Unassembled	EA	18
650-023	4" Brown Hood - Assembled	EA	12

Metallic Duct – 5 Ply

Pure aluminum 5 ply multi-layered flexible metallic duct. U.L. 181 Listed. Will contain a fire up to 265°F.


FUL0425

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
FUL0425	4" x 25' 5 Ply Metallic Duct	EA	4
FUL0625	6" x 25' 5 Ply Metallic Duct	EA	4

Dryer Vent Hose

High quality flexible white vinyl tubing. Available in 3" or 4" diameters. One 50' roll per box.


650-005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
650-005	Dryer Vent Hose - 3" x 50'	EA	1
650-006	Dryer Vent Hose - 4" x 50'	EA	1

Semi-Rigid Aluminum

8ft. length compressed to 28".


650-011

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
650-011	4" x 8' Flexible Aluminum Duct	EA	9
650-021	3" x 8' Flexible Aluminum Duct	EA	14
650-074	6" x 8' Flexible Aluminum Duct	EA	3

Dryer Hose Clamps

Available for 4" dryer vent hose. Steel screw design or convenient spring action design.


650-008


650-010

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
650-008	Steel Screw Clamp for 4" Hose	EA	50
650-010	Spring Clamp for 4" Hose	EA	500

Louvered Dryer Vent Hood

Louvered vent hoods are available with aluminum pipe and collar or hood only. Ideal for dryer and bathroom fan exhausts.


650-014

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
650-014	4" Hood Only - White	EA	12
650-016	4" Hood, Pipe and Collar - White (Assembled)	EA	12
650-017	4" Hood, Pipe and Collar - White (Unassembled)	EA	18
650-036	3" Hood, Pipe and Collar - White (Assembled)	EA	12

ACCESS FITTINGS

Access Fittings

A convenient low-cost port for refrigeration servicing. May be installed in any position on either high or low side for charging, purging, quick testing or pressure checking. DiversiTech's access fittings have 1/4" SAE male flare access ports and include a quick seal cap and a stainless and brass special refrigerant valve core.



CATALOG NO.	DESCRIPTION	CONNECTION	QTY PER PACK	UOM	ORDER MUL.
VA-3-346	3 Way Solder Type, pack of 6	For 3/16" O.D. tube or 1/4" and 3/8" solder fitting	6	PK	1
VA-34	Straight Solder Type, pack of 6	3/16" O.D.S. x 1/4" O.D.F.	6	PK	1
VAU-24	Half Union, pack of 6	1/8" MPT	6	PK	1
VAU-45	Half Union, pack of 6	1/4" MPT	6	PK	1
VAX-2	Extended Copper Tube	1/8" O.D. tube	6	PK	1
VAX-3	Extended Copper Tube	3/16" O.D. x 1/8" I.D.	6	PK	1
VAX-4	Extended Copper Tube	1/4" O.D. x 3/16" I.D.	6	PK	1
VAX-5	Extended Copper Tube	5/16" O.D. x 1/4" I.D.	3	PK	1
VAX-6	Extended Copper Tube	3/8" O.D. x 5/16" I.D.	3	PK	1
VS-4	Swivel Nut w/Depressor, pack of 6	1/4" female flare forged swivel nut	6	PK	1
VST-4	Swivel Tee w/Permanent Depressor, pack of 3	1/4" Access on run x 1/4" female flare w/depressor on female swivel branch end	3	PK	1
VST-44	Swivel Tee w/Perm. Depressor, pack of 3	1/4" Access on run x 1/4" access on "T" - female swivel on run	3	PK	1
VTS-10	Solder Tee Type	5/8" O.D. tube	1	EA	1
VTS-12	Solder Tee Type	3/4" O.D. tube	1	EA	1
VTS-14	Solder Tee Type	7/8" O.D. tube	1	EA	1
VTS-46	Solder Tee Type, pack of 3	1/4" O.D.S. x 5/16" O.D.F.	3	PK	1
VTS-56	Solder Tee Type, pack of 3	5/16" O.D.S. x 3/8" O.D.F.	3	PK	1
VTS-68	Solder Tee Type, pack of 3	3/8" O.D.S.	3	PK	1
VTS-810	Solder Tee Type, pack of 3	1/2" O.D.S.	3	PK	1
VC-4	Flare Cap, pack of 12	1/2" O.D.S.	3	PK	1
VC-4R	Flare Cap w/Core Remover, pack of 12	1/2" O.D.S.	3	PK	1
VVC-1	Valve Core, pack of 6	1/2" O.D.S.	3	PK	1

Brass Adapters

The MSA-45 is used on the new R410 Mini Split systems that have the larger unique fitting on the service valve. The description of that fitting is 1/2" Acme Male-20 UN. This adapter will screw onto the 1/2" Acme Male-20 UN fitting and allow you to connect a standard 1/4 service hose to it.



MSA-45

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MSA-45	1/4" Male Flare x 1/2" - 20 UNF Female	EA	1

Brass Adapters

The DiversiTech® MSA-31F brass adaptor is used on mini-split systems that have a 5/16" fitting on the service valve. This adapter includes: valve core, cap with o-ring, 1/4" male flare X 5/16" UNF adapter



MSA-31F

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MSA-31F	1/4" Male Flare with 5/16 in. Female UNF	EA	1

Insta-Charge

Faster, safer and more economical method for charging liquid refrigerant through the low pressure side of an air conditioning or refrigeration system, without damaging the compressor. Insta-Charge's unique internal restrictor reduces liquid flow to a level below the capacity of the compressor. Converts liquid refrigerant to a saturated vapor for fast entry. Insta-Charge connects directly to the refrigerant can or cylinder valve. Adds liquid tracing dye faster. Eliminates heating of refrigerant cylinder. Made of light weight aluminum. Sold at a fraction of the cost of other fast charging devices.



RC-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
RC-1	Insta-Charge	EA	1

PVC PIPE

Polyvinyl Chloride, White PVC 1120

CATALOG NO.	DESCRIPTION	UOM	PIPES/PALLET	ORDER MUL./PALLET
5-401-P	PVC, 3/4" Pipe, Sch. 40, 10'	EA	240	2400'
5-404-P	PVC, 2" Pipe, Sch. 40, 10'	EA	210	2100'
5-405-P	PVC, 3" Pipe, Sch. 40, 10'	EA	92	920'
5-407-P	PVC, 3/4" Pipe, Sch. 40, 20'	EA	240	4800'
5-416-P	PVC 1" Pipe Sch. 40, 20'	EA	150	3000'
5-417-P	PVC, 1-1/4" Pipe, Sch. 40, 20'	EA	196	3920'
5-2002-P	PVC, 3/4" Pipe, 200 PSI, 10'	EA	120	2400'
5-2005-P	PVC, 3/4" Pipe, 200 PSI, 20'	EA	30	4800'



5-2002-P

PVC FITTINGS

Couplings (Hub x Hub)



5-100020

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-100020	2" Couplings (Hub x Hub)	EA	100
5-100030	3" Couplings (Hub x Hub)	EA	60
510-D102338	3" x 2" Couplings (Hub x Hub)	EA	20

45 Elbows



5-321020

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-321020	2" 45 Elbow (Hub x Hub)	EA	50
5-321030	3" 45 Elbow (Hub x Hub)	EA	20
510-D323020	2" 45 Street Elbow (Hub x SPIG)	EA	50
510-D323030	3" 45 Street Elbow (Hub x SPIG)	EA	20

Tee (Slip x Slip x Slip)



5-401005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-401007	3/4" Tee	EA	50

90 Ell (Slip x Slip)



5-406005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-406007	3/4" 90 Ell	EA	50
5-406020	2" 90 Ell	EA	25

90 Elbow (Hub x Hub)



510-D304020

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-300020	2" 90 Elbow (Hub x Hub)	EA	50
5-300030	3" 90 Elbow (Hub x Hub)	EA	25
510-D304020	2" Long Sweep 90 Elbow (Hub x Hub)	EA	25
510-D304030	3" Long Sweep 90 Elbow (Hub x Hub)	EA	10

DWV Bend Fittings



510-D309030

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
510-D309020	2" Long Sweep (Hub x SPIG)	EA	25
510-D309030	3" Long Sweep (Hub x SPIG)	EA	20

DWV Bushings



510-437338

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
510-437338	3" x 2" Reducing Bushing (SPIG x SLIP)	EA	10
510-438338	3" x 2" Bushing (SPIG x FIPT)	EA	10

Traps



5-409



5-408

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
5-408	3/4" "P" Trap	EA	100
5-409	3/4" Running Trap	EA	100
5-410	3/4" Mini "P" Trap	EA	100
5-411	1" "P" Trap	EA	50
5-412	1/2" "P" Trap	EA	100
5-414	3/4" "J" Trap	EA	100

PVC FITTINGS CONT'D

90 Ell (Slip x FIPT)



5-407005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-407005	1/2" 90 Ell	EA	50
5-407007	3/4" 90 Ell	EA	50

45 Ell (Slip x Slip)



5-417005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-417007	3/4" 45 Ell	EA	50
5-417020	2" 45 Ell	EA	25
5-417030	3" 45 Ell	EA	10

90 Street Ell (MIPT x Slip)



5-410005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-410007	3/4" 90 Street Ell	EA	50

Female Adapter (Slip x FIPT)



5-435005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-435007	3/4" Female Adapter	EA	50

Cap (Slip)



5-447007

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-447007	3/4" Cap	EA	100

Male Adapter (MIPT x Slip)



5-436005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-436005	1/2" Male Adapter	EA	100
5-436007	3/4" Male Adapter	EA	50
5-436010	1" Male Adapter	EA	50

90 Street Ell (SPIG x Slip)



5-409005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-409007	3/4" 90 Street Ell	EA	50

Plug (Slip)



5-449007

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-449030	3" Plug	EA	10

Coupling (Slip x Slip)



5-429005

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-429007	3/4" Coupling	EA	50
5-429020	2" Coupling	EA	25
5-429030	3" Coupling	EA	10

Female Adapter Reducing (Slip x FIPT)



5-435101

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-435102	3/4" x 1" Female Adapter Reducing	EA	50

Plug (MIPT)



5-450007

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-450007	3/4" Plug	EA	50

Cap (FIPT)



5-448007

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-448007	3/4" Cap	EA	100

PVC FITTINGS CONT'D

Adapter (Insert x Slip)



5-474007

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-474007	3/4" Adapter (Insert x Slip)	EA	50

Clean Out Tee



510-3400

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
510-3400	3/4" Clean Out Tee	EA	50

Female Adapter (Barb x FIPT)



701-006

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
701-006	Adapter – 3/4" Barb x 3/4" NPT, pack of 2	PK	1

Plastic DWV J-Hooks



515-J2000

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
515-J2000	2" x 9" DWV Swiveling J-Hook	EA	25
515-J3000	3" x 7-1/2" DWV Swiveling J-Hook	EA	25

Male Adapter (Barb x MIPT)



701-001

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
701-001	Adapter – 1/2" Barb x 1/2" MIPT, pack of 2	PK	1
701-002	Adapter – 1/2" Barb x 3/4" MIPT, pack of 2	PK	1
701-007	Adapter – 3/4" Barb x 3/4" MIPT, pack of 2	PK	1
701-012	Adapter – 3/8" Barb x 1/2" MIPT, pack of 2	PK	1
701-013	Adapter – 3/8" Barb x 3/8" MIPT, pack of 2	PK	1
701-014	Adapter – 5/8" Barb x 3/4" MIPT, pack of 2	PK	1
701-043	Adapter – 3/8" Barb x 3/4" MIPT, pack of 2	PK	1

NYLON FITTINGS*

Elbow (Barb x Barb)



701-018

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
701-018	Elbow – 1/2" Barb, pack of 2	PK	1
701-023	Elbow – 3/4" Barb, pack of 2	PK	1
701-040	Elbow – 5/8" Barb, pack of 2	PK	1
701-046	Elbow – 3/8" Barb, pack of 2	PK	1

Male Adapter Elbow (Barb x MIPT)



701-020

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
701-020	Elbow – 1/2" Barb x 3/4" MIPT, pack of 2	PK	1
701-025	Elbow – 3/4" Barb x 3/4" MIPT, pack of 2	PK	1
701-028	Elbow – 5/8" Barb x 3/4" MIPT, pack of 2	PK	1

Female Adapter Elbow (Barb x FIPT)



701-019

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
701-019	Elbow – 1/2" Barb x 3/4" NPT, pack of 2	PK	1

Hose Mender (Barb x Barb)



701-029

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
701-029	Hose Mender – 1/2" Barb, pack of 2	PK	1
701-032	Hose Mender – 3/8" Barb, pack of 2	PK	1
701-033	Hose Mender – 5/8" Barb, pack of 2	PK	1

*All fittings packaged with identification. To order nylon fittings in bulk, enter catalog number followed by the letter "B." For example, 701-001B is the bulk part number for 701-001. Bulk sold in packs of 100.

NYLON FITTINGS* CONT'D

Tee (Barb x Barb x Barb)



701-034

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
701-034	Tee – 1/2" Barb, pack of 2	PK	1
701-037	Tee – 3/4" Barb, pack of 2	PK	1
701-039	Tee – 5/8" Barb, pack of 2	PK	1

BRASS FITTINGS

Compression Sleeve



D60A-4

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
D60A-4	1/4" Compression Sleeve	EA	100
D60A-8	1/2" Compression Sleeve	EA	100
D60A-10	5/8" Compression Sleeve	EA	100

Compression Nut



D61A-8

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
D61A-4	1/4" Compression Nut	EA	10
D61A-8	1/2" Compression Nut	EA	10

Compression Union



D62A-66

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
D62A-44	1/4" Compression Union	EA	10
D62A-66	3/8" Compression Union	EA	10

Compression Tee



D64A-44

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
D64A-44	1/4" Compression Tee	EA	10
D64A-66	3/8" Compression Tee	EA	10

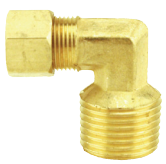
Compression Connector



D68A-4B

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
D68A-4B	1/4" x 1/4" Compression Connector	EA	10
D68A-6C	3/8" x 3/8" Compression Connector	EA	10

Compression Elbow



D69A-8D

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
D69A-4A	1/4" x 1/8" Compression Elbow	EA	10
D69A-8D	1/2" x 1/2" Compression Elbow	EA	10

Flare x MIP Elbow



DE1-6C

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DE1-6C	3/8" Flare x 3/8" MIP Elbow	EA	10

Flare x MIP Reducing Elbow



DE1-6B

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DE1-6B	3/8" Flare x 1/4" MIP Reducing Elbow	EA	10
DE1-6D	3/8" Flare x 1/2" MIP Reducing Elbow	EA	10
DE1-10D	5/8" Flare x 1/2" MIP Reducing Elbow	EA	10

*All fittings packaged with identification. To order nylon fittings in bulk, enter catalog number followed by the letter "B." For example, 701-001B is the bulk part number for 701-001. Bulk sold in packs of 100.

BRASS FITTINGS CONT'D

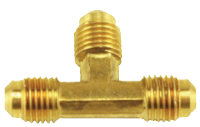
Short Nut



DN1-6

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DN1-3	3/16" Short Nut	EA	10
DN1-4	1/4" Short Nut	EA	10
DN1-6	3/8" Short Nut	EA	10
DN1-10	5/8" Short Nut	EA	10

Flare Tee



DT2-4

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DT2-8	1/2" Flare Tee	EA	10
DT2-10	5/8" Flare Tee	EA	5

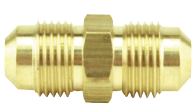
Flare x MIP Union



DU1-6B

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DU1-4B	1/4" Flare x 1/4" MIP Union	EA	10
DU1-6B	3/8" Flare x 1/4" MIP Union	EA	10
DU1-6C	3/8" Flare x 3/8" MIP Union	EA	10
DU1-6D	3/8" Flare x 1/2" MIP Union	EA	10
DU1-8B	1/2" Flare x 1/4" MIP Union	EA	10
DU1-8D	1/2" Flare x 1/2" MIP Union	EA	10
DU1-8E	1/2" Flare x 3/4" MIP Union	EA	10
DU1-10D	5/8" Flare x 1/2" MIP Union	EA	10

Flare Union



DU2-6

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DU2-4	1/4" Flare Union	EA	10
DU2-6	3/8" Flare Union	EA	10
DU2-8	1/2" Flare Union	EA	10
DU2-10	5/8" Flare Union	EA	10
DU2-12	3/4" Flare Union	EA	10

Cap



DN5-4

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DN5-4	1/4" Cap	EA	10
DN5-6	3/8" Cap	EA	10

Short Forged Flare Nut



DNS4-10

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DNS4-4	1/4" Short Forged Flare Nut	EA	10
DNS4-6	3/8" Short Forged Flare Nut	EA	10
DNS4-8	1/2" Short Forged Flare Nut	EA	10
DNS4-10	5/8" Short Forged Flare Nut	EA	10
DNS4-12	3/4" Short Forged Flare Nut	EA	10
DNS4-14	7/8" Short Forged Flare Nut	EA	5

Plug



DP2-6

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DP2-4	1/4" Plug	EA	10
DP2-6	3/8" Plug	EA	10
DP2-8	1/2" Plug	EA	10
DP2-10	5/8" Plug	EA	10

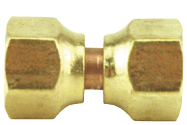
Flare x FIP Union



DU3-6C

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DU3-6D	3/8" x 1/2" Flare x FIP Union	EA	10
DU3-10E	5/8" x 3/4" Flare x FIP Union	EA	10

Flare x Flare Swivel Union

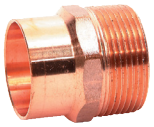


DUS4-6

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DUS4-4	1/4" Flare x 1/4" Flare Swivel Union	EA	10
DUS4-6	3/8" Flare x 3/8" Flare Swivel Union	EA	10

COPPER FITTINGS

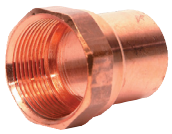
Male Adapter C x M



C101-0050

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C101-0050	5/8" x 1/2"	1/2" x 1/2"	EA	25
C101-0100	7/8" x 3/4"	3/4" x 3/4"	EA	25
C101-0150	1-1/8" x 1"	1" x 1"	EA	10

Female Adapter C x F



C105-0150

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C105-0057	5/8" x 3/4"	1/2" x 3/4"	EA	25
C105-0100	7/8" x 3/4"	3/4" x 3/4"	EA	25
C105-0150	1-1/8" x 1"	1" x 1"	EA	10
C105-0215	1-3/8" x 1-1/4"	1-1/4" x 1-1/4"	EA	10

90 Degree Ell C x C



C235-0100

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C235-0002	3/8"	1/4"	EA	25
C235-0025	1/2"	3/8"	EA	25
C235-0050	5/8"	1/2"	EA	25
C235-0090	3/4"	5/8"	EA	25
C235-0100	7/8"	3/4"	EA	25
C235-0150	1-1/8"	1"	EA	10
C235-0215	1-3/8"	1-1/4"	EA	10

90 Degree Long Turn Street Ell Ftg. x C



C272-0090

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C272-0002	3/8"	1/4"	EA	25
C272-0025	1/2"	3/8"	EA	25
C272-0050	5/8"	1/2"	EA	25
C272-0090	3/4"	5/8"	EA	25
C272-0100	7/8"	3/4"	EA	10
C272-0150	1-1/8"	1"	EA	10
C272-0215	1-3/8"	1-1/4"	EA	10

90 Degree Street Ell Ftg. x C



C254-0100

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C254-0002	3/8"	1/4"	EA	25
C254-0100	7/8"	3/4"	EA	25
C254-0150	1-1/8"	1"	EA	10

45 Degree Ell C x C



C290-0050

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C290-0002	3/8"	1/4"	EA	25
C290-0025	1/2"	3/8"	EA	25
C290-0050	5/8"	1/2"	EA	25
C290-0090	3/4"	5/8"	EA	25
C290-0100	7/8"	3/4"	EA	25
C290-0150	1-1/8"	1"	EA	10
C290-0215	1-3/8"	1-1/4"	EA	60

90 Degree Long Turn Ell C x C



C242-0025

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C242-0001	1/4"	1/8"	EA	25
C242-0002	3/8"	1/4"	EA	25
C242-0025	1/2"	3/8"	EA	25
C242-0050	5/8"	1/2"	EA	25
C242-0090	3/4"	5/8"	EA	25
C242-0100	7/8"	3/4"	EA	10
C242-0150	1-1/8"	1"	EA	10
C242-0215	1-3/8"	1-1/4"	EA	35
C242-0295	1-5/8"	1-1/2"	EA	25
C242-0390	2-1/8"	2"	EA	12

45 Degree Street Ell Ftg. x C

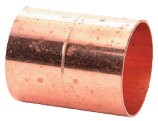


C295-0090

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C295-0002	3/8"	1/4"	EA	25
C295-0090	3/4"	5/8"	EA	25
C295-0100	7/8"	3/4"	EA	25
C295-0150	1-1/8"	1"	EA	10

COPPER FITTINGS CONT'D

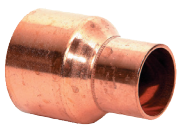
Coupling (Socket) with Rolled Tube Stop C x C



C165-0090

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C165-0001	1/4"	1/8"	EA	25
C165-0002	3/8"	1/4"	EA	25
C165-0025	1/2"	3/8"	EA	25
C165-0050	5/8"	1/2"	EA	25
C165-0090	3/4"	5/8"	EA	25
C165-0100	7/8"	3/4"	EA	25
C165-0150	1-1/8"	1"	EA	10
C165-0215	1-3/8"	1-1/4"	EA	10
C165-0295	1-5/8"	1-1/2"	EA	60
C165-0390	2-1/8"	2"	EA	40

Reducer Coupling w/Stop C x C



C165-0223

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C165-0007	3/8" x 1/4"	1/4" x 1/8"	EA	25
C165-0032	1/2" x 3/8"	3/8" x 1/4"	EA	25
C165-0058	5/8" x 1/2"	1/2" x 3/8"	EA	25
C165-0093	3/4" x 5/8"	5/8" x 1/2"	EA	25
C165-0107	7/8" x 5/8"	3/4" x 1/2"	EA	25
C165-0149	7/8" x 3/4"	3/4" x 5/8"	EA	25
C165-0159	1-1/8" x 7/8"	1" x 3/4"	EA	10
C165-1498	1-1/8" x 3/4"	1" x 5/8"	EA	10
C165-0222	1-3/8" x 1-1/8"	1-1/4" x 1"	EA	10
C165-0223	1-3/8" x 7/8"	1-1/4" x 3/4"	EA	10
C165-0304	1-5/8" x 1-1/8"	1-1/2" x 1"	EA	10

Copper Coupling w/ Dimple Stop



C170-0003

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C170-0003	5/16"	1/4"	EA	25

Copper Coupling w/No Stop



C172-0100

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C172-0090	3/4"	5/8"	EA	25
C172-0100	7/8"	3/4"	EA	25
C172-0150	1-1/8"	1"	EA	10
C172-0215	1-3/8"	1-1/4"	EA	10

Fitting Reducer Coupling Ftg. x C



C410-0093

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C410-0032	1/2" x 3/8"	3/8" x 1/4"	EA	25
C410-0058	5/8" x 1/2"	1/2" x 3/8"	EA	25
C410-0093	3/4" x 5/8"	5/8" x 1/2"	EA	25
C410-0107	7/8" x 5/8"	3/4" x 1/2"	EA	25
C410-0149	7/8" x 3/4"	3/4" x 5/8"	EA	25
C410-0159	1-1/8" x 7/8"	1" x 3/4"	EA	10
C410-0222	1-1/8" x 1-1/8"	1" x 1"	EA	10

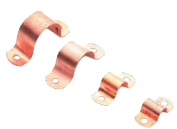
Cap



C154-0100

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C154-0100	7/8”	3/4”	EA	25

U-Type Strap



CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C947-0025	1/2"	3/8"	EA	25
C947-0050	5/8"	1/2"	EA	25
C947-0100	7/8"	3/4"	EA	25
C947-0150	1-1/8"	1"	EA	25
C947-0215	1-3/8"	1-1/4"	EA	100
C947-0295	1-5/8"	1-1/2"	EA	100
C947-0390	2-1/8"	2"	EA	50

Tee C x C x C



C460-0090

CATALOG NO.	O.D. SIZE	I.D. SIZE	UOM	ORDER MUL.
C460-0002	3/8"	1/4"	EA	25
C460-0025	1/2"	3/8"	EA	25
C460-0050	5/8"	1/2"	EA	25
C460-0090	3/4"	5/8"	EA	25
C460-0100	7/8"	3/4"	EA	10
C460-0150	1-1/8"	1"	EA	10

LINESETS

Linesets



DiversiTech® Linesets are individually packaged in sturdy corrugated cardboard, designed and tested for individual parcel shipment. Linesets are designed for air conditioning and refrigeration systems. The copper tube is refrigeration-grade tubing to ASTM B280. The suction line is pre-insulated with Armaflex AP pipe insulation. This insulation is a black flexible elastomeric thermal insulation. The expanded closed-cell structure makes it an efficient insulation. They are manufactured without the use of CFC's, HFC's or HCFC's. AP Armaflex contains Microban® antimicrobial product protection for added defense against mold on the insulation. DiversiTech mini-split linesets are similar to standard linesets but come with additional insulation on the liquid line and flared line ends. Copper tubing complies with ASTM B280 for Seamless Copper Tube for ACR.

AP Armaflex insulation meets ASTM C534, Type I – Tubular Grade 1, ASTM E84, NFPA 255, UL723, CAN/ULC S102, UL94 5V-5A, V-O (E55798), NFPA 90A/90B, UL181, ASTM G21/C1338, ASTM G22, ASTM D1056 2B1, MIL-P-15280J form T, MIL-C-3133C grade SBE3, MEA 96-85-M, and City of LA RR7642.



D61210250



D40680250B3B6

STANDARD LINESETS

CATALOG NO.	LENGTH	INSULATION WALL	SUCTION LINE	LIQUID LINE	UOM	ORDER MUL.
D61220250	25'	1/2"	3/4"	3/8"	EA	1
D61220300	30'	1/2"	3/4"	3/8"	EA	1
D61220350	35'	1/2"	3/4"	3/8"	EA	1
D61220400	40'	1/2"	3/4"	3/8"	EA	1
D61220500	50'	1/2"	3/4"	3/8"	EA	1
D61230250	25'	3/4"	3/4"	3/8"	EA	1
D61230500	50'	3/4"	3/4"	3/8"	EA	1
D61280400	40'	3/8"	3/4"	3/8"	EA	1
D61420250	25'	1/2"	7/8"	3/8"	EA	1
D61420300	30'	1/2"	7/8"	3/8"	EA	1
D61420500	50'	1/2"	7/8"	3/8"	EA	1
D61430300	30'	3/4"	7/8"	3/8"	EA	1
D61430500	50'	3/4"	7/8"	3/8"	EA	1
D61480400	40'	3/8"	7/8"	3/8"	EA	1
D61820500	50'	3/8"	1-1/8"	1/2"	EA	1
D61880400	40'	3/8"	1-1/8"	3/8"	EA	1
D61210250	25'	1"	3/4"	3/8"	EA	1
D61210300	30'	1"	3/4"	3/8"	EA	1
D61210350	35'	1"	3/4"	3/8"	EA	1
D61210400	40'	1"	3/4"	3/8"	EA	1
D61210500	50'	1"	3/4"	3/8"	EA	1
D61410250	25'	1"	7/8"	3/8"	EA	1
D61410300	30'	1"	7/8"	3/8"	EA	1
D61410350	35'	1"	7/8"	3/8"	EA	1
D61410400	40'	1"	7/8"	3/8"	EA	1
D61410500	50'	1"	7/8"	3/8"	EA	1
D61810250	25'	1"	1-1/8"	3/8"	EA	1
D61810400	40'	1"	1-1/8"	3/8"	EA	1
D61810500	50'	1"	1-1/8"	3/8"	EA	1

MINI-SPLIT LINESETS

CATALOG NO.	LENGTH (FT.)	INSULATION WALL	SUCTION LINE	LIQUID LINE	UOM	ORDER MUL.
D40620250B3B6	25'	1/2"	3/8"	1/4"	EA	1
D40620350B3B6	35'	1/2"	3/8"	1/4"	EA	1
D40620500B3B6	50'	1/2"	3/8"	1/4"	EA	1
D40820250B3B6	25'	1/2"	1/2"	1/4"	EA	1
D40820350B3B6	35'	1/2"	1/2"	1/4"	EA	1
D40820500B3B6	50'	1/2"	1/2"	1/4"	EA	1
D41020250B3B6	25'	1/2"	5/8"	1/4"	EA	1
D41020350B3B6	35'	1/2"	5/8"	1/4"	EA	1
D41020500B3B6	50'	1/2"	5/8"	1/4"	EA	1
D61020250B3B6	25'	1/2"	5/8"	3/8"	EA	1
D61020350B3B6	35'	1/2"	5/8"	3/8"	EA	1
D61020500B3B6	50'	1/2"	5/8"	3/8"	EA	1

If ordering by pallet, 15 line sets are packed per pallet.

Lineset Box™



LSB10-W

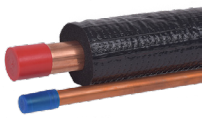
The Lineset Box is a rough-in box for new construction lineset protection for all types of HVAC installations. The architecturally pleasing and professional looking Lineset Box is easy to install and provides superior protection of refrigerant linesets and condensate drain lines. Provides a clean termination point for new construction projects and reserves the bay for the HVAC system installation. The Lineset Box also protects the lineset from damage during construction. It helps to eliminate damage such as kinks that can drastically increase HVAC installation time.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
LSB10-W	Lineset Box™ - White	EA	1
LSB10-BL	Lineset Box™ - Black	EA	1

REFRIGERANT TUBING

DiversiTech® Tear-Resistant Linesets

Designed for air conditioning and refrigeration systems, the new DiversiTech tear-resistant linesets include a durable flexible polymeric jacket that minimizes insulation damage and easily conforms to bends. Simplifying installation and saving technician time, an expanded closed-cell structure and unique formation resists moisture vapor intrusion and UV damage. No field-applied coating or jacket translates to more installs in a day. Refrigeration grade copper tubing conforms to ATSM B280. Available in a wide range of sizes and lengths, with or without fittings.



D612K0250

CATALOG NO.	LENGTH	INSULATION WALL	SUCTION LINE	LIQUID LINE	UOM	ORDER MUL.
D612K0250	25'	1/2"	3/4"	3/8"	EA	1
D612K0300	30'	1/2"	3/4"	3/8"	EA	1
D612K0350	35'	1/2"	3/4"	3/8"	EA	1
D612K0500	50'	1/2"	3/4"	3/8"	EA	1
D614K0250	25'	1/2"	7/8"	3/8"	EA	1
D614K0350	35'	1/2"	7/8"	3/8"	EA	1
D614K0400	40'	1/2"	7/8"	3/8"	EA	1
D614K0500	50'	1/2"	7/8"	3/8"	EA	1
D618K0250	25'	1/2"	1-1/8"	3/8"	EA	1
D614K0300	30'	1/2"	1-1/8"	3/8"	EA	1
D618K0400	40'	1/2"	1-1/8"	3/8"	EA	1
D618K0500	50'	1/2"	1-1/8"	3/8"	EA	1
D612L0300	30'	3/4"	3/4"	3/8"	EA	1
D612L0500	50'	3/4"	3/4"	3/8"	EA	1
D614L0250	25'	3/4"	7/8"	3/8"	EA	1
D614L0350	35'	3/4"	7/8"	3/8"	EA	1

CATALOG NO.	LENGTH	INSULATION WALL	SUCTION LINE	LIQUID LINE	UOM	ORDER MUL.
D614L0400	40'	3/4"	7/8"	3/8"	EA	1
D614L0500	50'	3/4"	7/8"	3/8"	EA	1
D612M0500	50'	1"	3/4"	3/8"	EA	1
D614M0500	50'	1"	7/8"	3/8"	EA	1
D618M0250	25'	1"	1-1/8"	3/8"	EA	1

DiversiTech® Tear-Resistant Mini-Split Linesets

Designed for mini-split air conditioning systems, DiversiTech offers a new line of tear-resistant linesets that simplify installation and save technician time with no field-applied coating required. A durable polymeric jacket minimizes installation damage and easily conforms to bends, and an expanded closed-cell structure and unique formulation resists moisture vapor intrusion and UV damage. Refrigeration grade copper tubing conforms to ATSM B280. These new Mini-Split Tear-Resistant Linesets are available in a wide range of sizes and lengths. Available with or without fittings.



D406K0250B386



CATALOG NO.	LENGTH	INSULATION WALL	SUCTION LINE	LIQUID LINE	UOM	ORDER MUL.
D406K0250B3B6	25'	1/2"	3/8"	1/4"	EA	1
D406K0350B3B6	35'	1/2"	3/8"	1/4"	EA	1
D406K0500B3B6	50'	1/2"	3/8"	1/4"	EA	1
D408K0250B3B6	25'	1/2"	1/2"	1/4"	EA	1
D408K0350B3B6	35'	1/2"	1/2"	1/4"	EA	1
D408K0500B3B6	50'	1/2"	1/2"	1/4"	EA	1
D410K0250B3B6	25'	1/2"	5/8"	1/4"	EA	1
D410K0350B3B6	35'	1/2"	5/8"	1/4"	EA	1
D410K0500B3B6	50'	1/2"	5/8"	1/4"	EA	1
D610K0250B3B6	25'	1/2"	5/8"	3/8"	EA	1
D610K0350B3B6	35'	1/2"	5/8"	3/8"	EA	1
D610K0500B3B6	50'	1/2"	5/8"	3/8"	EA	1
D406L0250B3B6	25'	3/4"	3/8"	1/4"	EA	1
D406L0350B3B6	35'	3/4"	3/8"	1/4"	EA	1
D406L0500B3B6	50'	3/4"	3/8"	1/4"	EA	1
D408L0250B3B6	25'	3/4"	1/2"	1/4"	EA	1
D408L0350B3B6	35'	3/4"	1/2"	1/4"	EA	1
D408L0500B3B6	50'	3/4"	1/2"	1/4"	EA	1

CATALOG NO.	LENGTH	INSULATION WALL	SUCTION LINE	LIQUID LINE	UOM	ORDER MUL.
D410L0250B3B6	25'	3/4"	5/8"	1/4"	EA	1
D410L0350B3B6	35'	3/4"	5/8"	1/4"	EA	1
D410L0500B3B6	50'	3/4"	5/8"	1/4"	EA	1
D610L0250B3B6	25'	3/4"	5/8"	3/8"	EA	1
D610L0350B3B6	35'	3/4"	5/8"	3/8"	EA	1
D610L0500B3B6	50'	3/4"	5/8"	3/8"	EA	1
D406M0250B3B6	25'	1"	3/8"	1/4"	EA	1
D406M0350B3B6	35'	1"	3/8"	1/4"	EA	1
D406M0500B3B6	50'	1"	3/8"	1/4"	EA	1
D408M0250B3B6	25'	1"	1/2"	1/4"	EA	1
D408M0350B3B6	35'	1"	1/2"	1/4"	EA	1
D408M0500B3B6	50'	1"	1/2"	1/4"	EA	1
D410M0250B3B6	25'	1"	5/8"	1/4"	EA	1
D410M0350B3B6	35'	1"	5/8"	1/4"	EA	1
D410M0500B3B6	50'	1"	5/8"	1/4"	EA	1
D610M0250B3B6	25'	1"	5/8"	3/8"	EA	1
D610M0350B3B6	35'	1"	5/8"	3/8"	EA	1
D610M0500B3B6	50'	1"	5/8"	3/8"	EA	1

If ordering by pallet, 15 linesets are packed per pallet.

REFRIGERANT TUBING CONT'D

White Pipe™

White Pipe™ pre-insulated refrigerant line is ideal for a variety of installation jobs and works for every air conditioning application including ductless mini-split, heat pump and centralized air ducted units. Available in a variety of sizes and lengths.



WP-1214-50

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
WP1214-50	White Pipe, 1/4" x 1/2" x 50'	EA	13
WP1238-50	White Pipe, 3/8" x 1/2" x 50'	EA	11
WP1212-50	White Pipe, 1/2" x 1/2" in x 50'	EA	10
WP1258-50	White Pipe, 5/8" x 1/2" in x 50'	EA	7
WP1234-50	White Pipe, 3/4" x 1/2" in x 50'	EA	5
WP1278-50	White Pipe, 7/8" x 1/2" in x 50'	EA	5
WP1214-164	White Pipe, 1/4" x 1/2" in x 164'	EA	5
WP1238-164	White Pipe, 3/8" x 1/2" in x 164'	EA	4
WP1212-164	White Pipe, 1/2" x 1/2" in x 164'	EA	4
WP1258-164	White Pipe, 5/8" x 1/2" in x 164'	EA	3
WP1234-82	White Pipe, 3/4" x 1/2" in x 82'	EA	3

CABLE TIES

Heavy Duty Cable Ties

6.6 nylon, the heavy duty duct straps feature smooth insertion, and a locking mechanism that gives ductwork a firm hold. Accommodates 7" to 15" duct. Tensioning tool for 32" plus allows operator to adjust strap to any desired tension.



7-P24

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-P24	24" Long - Fits up to 6" Duct - 175 lb. Tensile	EA	50
7-P36	36" Long - Fits up to 10" Duct - 175 lb. Tensile	EA	50
7-P36B	36" Long - Black - Fits up to 10" Duct - 175 lb. Tensile	EA	50
7-P48	48" Long - Fits up to 14" Duct - 175 lb. Tensile	EA	50
7-P48B	48" Long - Black - Fits up to 14" Duct - 175 lb. Tensile	EA	25
7-L300	Tensioning Tool for 120-175 lb. Ties	EA	1

Black Nylon Cable Tie Assortment

Black ties are weather and UV resistant. Items in this section are Underwriters' Laboratories listed or recognized under the prime manufacturer's name.



62000AX

CATALOG NO.	DESCRIPTION	LENGTH	COLOR	MAX BUNDLE DIA.	TENSILE STRENGTH	UOM	ORDER MUL.
62000AX	Assortment	7-1/2" 11"	Black Black	1-3/4" 3"	50 lb. 50 lb.	PK	1

Heavy Duty Nylon Cable Ties

Black ties are weather and UV resistant. Items in this section are Underwriters' Laboratories listed or recognized under the prime manufacturer's name.



6266BLX

CATALOG NO.	DESCRIPTION	LENGTH	COLOR	MAX BUNDLE DIA.	TENSILE STRENGTH	UOM	ORDER MUL.
6266BLX	Nylon; Heavy-duty, pack of 50	36"	Black	11"	175 lb.	PK	1

Nylon Cable Clamps

These cable clamps are perfect for securing wire or pipes.



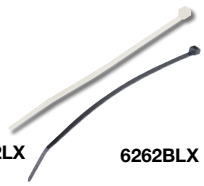
5384

CATALOG NO.	DESCRIPTION	FITS PIPE OUTER DIA.	THICK-NESS	WIDTH	UOM	ORDER MUL.
5381	Nylon Cable Clamps, pack of 54	1/8"	.050"	3/8"	PK	1
5382	Nylon Cable Clamps, pack of 48	1/4"	.050"	3/8"	PK	1
5383	Nylon Cable Clamps, pack of 41	3/8"	.050"	3/8"	PK	1
5384	Nylon Cable Clamps, pack of 35	1/2"	.050"	3/8"	PK	1
5385	Nylon Cable Clamps, pack of 21	5/8"	.060"	1/2"	PK	1
5380AX	Assortment	1/8"-1"			EA	1

CABLE TIES CONT'D

Nylon Cable Ties

Black Cable ties are weather and UV resistant. Items in this section are UL listed or recognized under the prime manufacturer's name.



6262LX 6262BLX

CATALOG NO.	DESCRIPTION	LENGTH	COLOR	MAX BUNDLE DIA.	TENSILE STRENGTH	UOM	ORDER MUL.
6267MX	Nylon Cable Ties, pack of 1,000	4"	Natural	13/16"	18 lb.	PK	1
6261CX	Nylon Cable Ties, pack of 100	6"	Natural	1-3/8"	18 lb.	PK	1
6262LX	Nylon Cable Ties, pack of 50	7-1/2"	Natural	1-3/4"	50 lb.	PK	1
6262CX	Nylon Cable Ties, pack of 100	7-1/2"	Natural	1-3/4"	50 lb.	PK	1
6262BCX	Nylon Cable Ties, pack of 100	7-1/2"	Black	1-3/4"	50 lb.	PK	1
6262BMX	Nylon Cable Ties, pack of 1,000	7-1/2"	Black	1-3/4"	50 lb.	PK	1
6263CX	Nylon Cable Ties, pack of 100	11"	Natural	3"	50 lb.	PK	1
6263DX	Nylon Cable Ties, pack of 500	11"	Natural	3"	50 lb.	PK	1
6263BLX	Nylon Cable Ties, pack of 50	11"	Black	3"	50 lb.	PK	1
6263BCX	Nylon Cable Ties, pack of 100	11"	Black	3"	50 lb.	PK	1
6263BDX	Nylon Cable Ties, pack of 500	11"	Black	3"	50 lb.	PK	1
60265LX	Nylon Cable Ties, pack of 50	14"	Natural	4"	50 lb.	PK	1
60265BLX	Nylon Cable Ties, pack of 50	14"	Black	4"	50 lb.	PK	1

Cable Tie Mounts

Approximately 1" square adhesive backed. These mounts can be mounted with a screw and will accept up to 75 lb. ties.



6269

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6269	Cable Tie Mounts; 1" square; adhesive backed, pack of 11	PK	1
6269LX	Cable Tie Mounts; 1" square; adhesive backed, pack of 50	PK	1

Nylon Cable Ties with Mounting Hole

Black ties are weather and UV resistant. Items in this section are Underwriters' Laboratories listed or recognized under the prime manufacturer's name.



60264CX 60264BCX

CATALOG NO.	DESCRIPTION	MTG. HOLE	LENGTH	COLOR	MAX BUN. DIA.	TENSILE STRGTH.	UOM	ORDER MUL.
60264CX	Tie w/mtg. hole, pack of 100	#8	6"	Natural	1-3/8"	30 lb.	PK	1
6264CX	Tie w/mtg. hole, pack of 100	#10	7"	Natural	1-3/4"	50 lb.	PK	1
6264BCX	Tie w/mtg. hole, pack of 100	#10	7"	Black	1-3/4"	50 lb.	PK	1
60263CX	Tie w/mtg. hole, pack of 100	#10	11"	Natural	3"	50 lb.	PK	1
60263BLX	Tie w/mtg. hole, pack of 50	#10	11"	Black	3"	50 lb.	PK	1
60263BCX	Tie w/mtg. hole, pack of 100	#10	11"	Black	3"	50 lb.	PK	1

HANGING WIRE

Hanging Wire

The 18 gauge galvanized can be used to hang HVAC duct work.



710-182G

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
710-182G	2# Roll - 330' - 18 Gauge Galvanized	EA	8
710-185G	5# Roll - 830' - 18 Gauge Galvanized	EA	8

METAL DUCT STRAPS

Strapping Hanger Iron

Galvanized 3/4 in. vent strapping, hanger iron, plumber's tape, pipe hanger tape and many other uses. 1/4 in. centers for bolts or nails.



710-A1710

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
710-A1710	Hanger Iron (Galv.) - 10" Rolls - 28 Gauge	EA	50
710-A1650	Hanger Iron (Galv.) - 50" Rolls - 28 Gauge	EA	10
710-A16100	Hanger Iron (Galv.) - 100" Rolls - 28 Gauge	EA	6

Plastic Hanger Strap

Flexible, non-conductive. 3/4" wide x .050" thick. Load tested to 120 lbs.



710-P100

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
710-P100	3/4" x 100' Roll	EA	20

Duct Strap – Metallic – Roll

Galvanized duct strap in a convenient cardboard dispenser is not only easy to drill or nail, but also solid strapping. Plenum rated.



710-001

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
710-001	Metallic Duct Strap - 26 Gauge - 1" x 100'	EA	1
710-002	Metallic Duct Strap - 30 Gauge - 1" x 100'	EA	1
710-003	Metallic Duct Strap - 30 Gauge - 1-1/2" x 100'	EA	1
710-004	Metallic Duct Strap - 26 Gauge - 1-1/2" x 100'	EA	1
710-005	Metallic Duct Strap - 22 Gauge - 1" x 100'	EA	1

PLASTIC DUCT STRAPS

Plenum Duct Strap – UL Rated

Woven Polypropylene Hanging Straps meet the UL 2043 requirement and are suitable for use in air handling spaces. They have a high tensile strength of 400 lbs minimum and 460 lbs maximum. These straps are chemicals, and are easy to cut and staple to joists.



710-104

- Plenum rated, meets UL 2043 requirement
- High tensile strength
- Resistant to abrasion and chemicals
- Lightweight & easy to cut and staple

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
710-104	Plenum Duct Strap, Woven, 1-3/4" x 100 Yards - Black UL	EA	24
710-105	Plenum Duct Strap, Woven, 1-3/4" x 100 Yards - Silver UL	EA	24
710-106	Plenum Duct Strap, Woven, 3" x 100 Yards - Black UL	EA	8

Duct Strap – Woven Polypropylene

Webbed duct strap possessing high tensile and abrasion resistance. This can be used for flex duct as it is easy to cut and staple to joists. The product is chemical resistant and tested to meet UL Standard 2043. 710-104 through 710-106 are UL rated.



710-100

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
710-100	Duct Strap - 1-3/4" x 100 Yards - Black	EA	24
710-101	Duct Strap - 1-3/4" x 100 Yards - Silver	EA	24
710-102	Duct Strap - 3" x 100 Yards - Black	EA	8
710-103	Duct Strap - 3" x 100 Yards - Silver	EA	8

FOAM SEALANT

Foam Sealant

One component closed-cell expanding polyurethane foam sealant for lineal caulking applications. Air-moisture cure. Tack free in 20 minutes; fully cured in 12 hours. Paintable. Use for insulating and sealing around windows, doors, pipes, ducts and vents. Non-toxic when cured. Paint to protect from UV exposure. "R" value 4.7 (1" thickness). Foam contains fire retarding chemical and is U.L. Listed but not rated as a firestop product. Environmental concerns have led us to replace CFC's and HCFC's with hydrocarbon material in our one component foam products. See instructions on each product to ensure safe use and quality results.



01714

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
01714	Foam Sealant – 12 oz. Can – Yields 275' (3/8" bead)	EA	12
01724	Foam Sealant – 20 oz. Can – Yields 460' (3/8" bead)	EA	12

SEALANTS

Vibra-Tite 140 High Strength Threadlocker



CAS-2712

For refrigerant sealing. Eliminates fastener loosening, leakage, and corrosion. Cures between thread flanks to seal against leakage and prevents thread corrosion. Offers sealing with maximum solvent resistance to the action of refrigerants, ammonia and sulfur dioxide. Withstands corrosive liquids used in metal finishings and process industries. Ideal sealant for refrigeration, A/C, and process equipment using corrosive chemicals.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CAS-2712	Vibra-Tite 140 High Strength Threadlocker	EA	12

Fast Cure Epoxy



DEP8001

An easy-to-use, two part putty you simply mix and mold like clay. No complicated weighing or measuring required. Easy 1:1 cut-what-you-need mix ratio. Form it into any shape. It hardens in one hour and makes a final, steel-hard cure in 12 hours and can be sanded, drilled, machined, sawed and painted. Use on metal, wood, brick, stone, concrete, fiberglass, porcelain, tile and mot plastics. Cures under water. 1.0 lb.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DEP8001	Gray Epoxy Putty - 1 lb. Kit	EA	24
DEP8002	White Epoxy Putty - 1 lb. Kit	EA	24

Flexi-Patch™



FP-36

Flexi-Patch™ is an easy to use flexible repair patch ideal for repairing almost any surface. It cures quickly using only UV light from sunlight or a UV flashlight for a long lasting, permanent repair. Flexi-Patch is a fiberglass-reinforced polyester ideal for use on PVC, plastics, metal, wood, concrete and more. It's the easy way to permanently patch almost any surface. It dries hard for permanent repair. Can be drilled, tapped and painted once dry.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
FP-36	Flexi-Patch fiberglass patch	EA	20

Sure-Stick Heavy Duty Adhesive Spray



315-20

Wide web spray adhesive ideal for both temporary or permanent bonding. Waterproof, transparent and non¬staining. Use for the toughest adhesive applications with leather, cardboard, most plastics, polyethylene sheeting and insulation in HVAC applications. Cleans with mineral spirits. Not for use on vinyl.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
315-20	Sure-Stick Adhesive Spray	EA	12

Thread Sealant with PTFE



7-80632

General purpose sealant with the lubricity of PTFE for metal pipes. Won't shred like PTFE Tape. Allows easy disassembly. Resists common shop fluids. 60° to 400°F temp. resistance.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-80632	Thread Sealant - 1/4 Pint Brush Can	EA	12
7-80633	Thread Sealant - 1 Pint Brush Can., 12 per pack	EA	12

Firestop Products for Class A Buildings

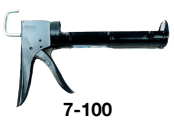


16491

U.L. Classified. Code Approved. Seal penetrations of plumbing, refrigeration and AC lines, ducts, vents and electrical cable through fire-rated floors, walls and ceilings. Easy-to-use, non-shrinking, non-toxic and permanently flexible. Blocks fire, gas, smoke, air and water migration. Use ceramic fiber filler together with putty or caulk for thick penetrations. Technical bulletins available.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
16491	Firestop Caulk - Red - 10.3 fl. oz. cartridge	EA	12

Caulk Gun



7-100



7-200

Caulk guns can be used to hold the sealant to seal duct work.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-100	Caulk Gun - Super Ratchet Type	EA	12
7-200	Caulk Gun - Standard Duty	EA	1

DiversiGum Sealing Compound



6-202-2

Non-hardening, gray compound. For plugging openings through foundations or around refrigeration tube entry.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-202-1	DiversiGum Sealing Compound - 1 lb. Slug	EA	24
6-202-2	DiversiGum Sealing Compound - 2 lb. Slug	EA	20
AG-25	DiversiGum Sealing Compound - 3/8" x 25" Caulking Cord	EA	12

SEALANTS CONT'D

High Temp Red Silicone Sealant



7-4300

A one part non-slumping paste that cures to a tough, rubbery solid at room temperature. Formulated to perform at temperatures ranging from -85°F to 500°F for continuous operation, and to 600°F for intermittent exposure. Tack free cure time – 15 minutes. Full cure time – 24 hours.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-4300	High Temp Red Silicone Sealant - 10.1 oz. Cartridge	EA	12

25 Year Acrylic Latex Painter's Caulk



7-4500

For both interior and exterior use. DiversiTech's 25 Year Acrylic Latex Painter's Caulk forms a tough, paintable resilient bond to all building material surfaces. Excellent resistance to water, weathering and moisture vapor.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-4500	White Acrylic Latex Caulk - 10.1 oz. Cartridge	EA	12

Pro-Air Industrial Grade Spray Adhesive



GP1-40BL



GN-23H

A clear, pressure sensitive aerosol adhesive with exceptional tack and shear strength characteristics. An excellent choice for most permanent adhesive applications: duct liner and wrap, sheet aluminum, fiberglass insulation board, and much more. The aerosol package offers a specially designed web spray pattern for even, controlled distribution. Flammability meets aerosol flame extension test requirements. Coverage is approximately 90-100 square feet per pound.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
GP1-40BL	Pro-Air Spray Adhesive - 38 lb. Disposable Cylinder	EA	1

Silicone Sealant



7-4000

Food grade 100% RTV Silicone Sealant. Can be used in applications for continuous use to 450°F. UV and water resistant. Long-term flexibility. Non-paintable. Available in 10.3 fl. oz. tube for use in standard caulk gun or in 3 fl. oz. squeeze tube.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-4000	Clear Silicone Sealant - 10.3 fl. oz. Tube	EA	12
7-4001	Clear Silicone Sealant - 3 fl. oz. Squeeze Tube	EA	48
7-4100	White Silicone Sealant - 10.3 fl. oz. Tube	EA	12
7-4200	Aluminum Silicone Sealant - 10.3 fl. oz. Tube	EA	12
7-80045	Pipe Joint Compound - 6 fl. oz. Tube	EA	12

Pro-Air Duct Sealant – UL 181 AM-BM Listed



800-008



800-009

Water-based fiber-reinforced white duct sealant/mastic formulated for indoor/outdoor use. Meets U.L. Class 1 rating and local codes while featuring long term flexibility and strength. Use on metal heating, ventilating, and A/C duct systems; as well as fiberglass duct board systems and flex duct systems. Recommended for use to 10" of water column pressure without the need for fiberglass mesh reinforcement.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
800-008	Pro-Air Duct Sealant - 1/10 Gallon Tube - 10.5 oz.	EA	12
800-009	Pro-Air Duct Sealant - 1 Gallon	EA	12

Black Jack® Roof Cement



RM-10



RM-1G

Black Jack® All-Weather Roof Cement is an asphalt based patching compound designed to repair cracks, splits, seams and holes in roofing materials. It also works great in new construction and in setting flashings, drip edges and roofing material edges.

- Use in wet or dry conditions
- Seals flashings, and other roof projections
- Fiber reinforced
- Thick trowel grade

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
RM-10	Black Jack® All Weather Roof Cement - 10 oz. Tube	EA	6
RM-1G	Black Jack® All Weather Roof Cement - 1 Gallon	EA	6

TAPES

Stick-E-Tape

Self adhesive aluminum tape with temperature range of 40ºF to 200ºF. Easily painted. Excellent vapor barrier; effective UV and water shield over urethane foam. Preferred duct and pipe wrap.



50302

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
50302	Stick-E-Tape - AFT-701-2 - 2" x 50' Roll	EA	24

Flex Duct Tape

Specially designed to meet new UL181B FX code for flex duct. Higher adhesion and tack than traditional cloth duct tapes. Conformable, hand tearable foil; 3 mil thickness. 2 in. x 120 yds. Code identification printed on the tape. Acrylic adhesive for superior performance in extreme environments. (35°F to 260°F)



640-FD2S

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
640-FD2S	Flex Duct Tape - Silver - 2"	EA	24
640-FD2B	Flex Duct Tape - Black - 2"	EA	24
640-FD3S	Flex Duct Tape - Silver - 3"	EA	16

UL Listed Foil Tape

Unique acrylic adhesive for airtight bonds on joints and seams of fiberglass duct systems. Flexible, easy to use. Meets or exceeds performance standard AFLS 100 73 and UL 181 A P.



640-UL25

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
640-UL3	UL 181 Listed Foil Tape - 3" - 60 Yards	EA	16

Yellow PTFE Thread Seal Tape

Oatey® Yellow Gas Line PTFE Thread Seal Tape is designed and manufactured for natural gas, propane, butane, water, oil and chemical lines. It is heavier than white tape with density of 1.35-1.50 grams/cubic centimeters, 4 mils thick. It complies with MIL-T-22230A (ASG), UL 31 RO, AGA 3226 and CAN/ULC-S642.



513-31403D

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
513-31403D	Yellow PTFE Thread Seal Tape, 1/2" x 260"	EA	1

Aluminum Foil Tape

Prevents heating and cooling losses. Blocks odors and moisture. Easy to handle. Use for HVAC and refrigeration systems. 35ºF to plus 260ºF working temperatures. 3-5 year shelf life. Made in USA.



640-AF2

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
640-AF2	2" Aluminum Foil Tape - 50 yds.	EA	24
640-AF25	2-1/2" Aluminum Foil Tape - 50 yds.	EA	20
640-AF3	3" Aluminum Foil Tape - 50 yds.	EA	16

Foil Scrim Kraft Tape

Non-tearable, diamond patterned backing with an aggressive rubber based adhesive system for consistently dependable performance. Made in the USA.



640-FSK2

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
640-FD2S	Flex Duct Tape - Silver - 2"	EA	24
640-FD2B	Flex Duct Tape - Black - 2"	EA	24

Cloth Duct Tapes

High tack, excellent strength. Superior performance in sealing air handling systems. Heavy cloth content for easier tearing and additional strength. Made in the USA.



PC-622-S



PC-622-B

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PC-622-S	2" x 60 Yards- Premium Grade Duct Tape - Silver	EA	24
PC-622-B	2"x 60 Yards - Premium Grade Duct Tape - Black	EA	24
PC-609-S	2"x 60 Yards - Industrial Grade Duct Tape - Silver	EA	24
PC-609-B	2"x 60 Yards - Industrial Grade Duct Tape - Black	EA	24
PC-600-S	2"x 60 Yards - Contractor Grade Duct Tape - Silver	EA	24
PC-600-B	2"x 60 Yards - Contractor Grade Duct Tape - Black	EA	24
PC-857	2"x 60 Yards - Metallized UL181B-FX Flex Duct Tape	EA	24

Tape

Vinyl electrical tape. Part 5255 holds up to 7 pounds per square inch when attached to steel surface.



5255

CATALOG NO.	DESCRIPTION	LENGTH	UOM	ORDER MUL.
5255	Vinyl Electric Tape	3/4" x 60'	EA	1

TAPES CONT'D

Teflon® Tape

This PTFE Tape is made of non toxic, pure white PTFE. The tape can be used with chemicals, solvents, oxygen, and on food lines. The product can withstand up to 2000 psi of pressure.



5246

CATALOG NO.	DESCRIPTION	LENGTH	UOM	ORDER MUL.
5246	Teflon® Thread Seal Tape	1/2" x 520"	EA	1

Shurtape® Duct Tape

General purpose, contractor grade cloth duct tape featuring aggressive adhesive and cold temperature performance for sealing, seaming, repairing, holding and waterproofing applications, as well as for tasks in the restoration industry, such as holding poly-sheeting. A co-extruded, repair duct tape, PC 9S Duck Pro® by Shurtape® provides superior adhesion with quick stick; excellent holding power for indoor and outdoor use; and easy tearability to finish jobs with speed and ease.



640-629B

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
640-629B	Shurtape® Duct Tape 2 in. x 60 yds. Black	EA	1
640-629S	Shurtape® Duct Tape 2 in. x 60 yds. Silver	EA	1
640-639B	Shurtape® Duct Tape 3 in. x 60 yds. Black	EA	1
640-639S	Shurtape® Duct Tape 3 in. x 60 yds. Silver	EA	1

Shurtape® LS 300 UV-Resistant Lineset Tape

UV-resistant lineset tape for taping outdoor HVAC components. An economical solution that holds strong outdoors, LS 300 is durable, easy to unwind and can be applied in a variety of temperature ranges and used in humid conditions.



640-300UV

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
640-300UV	Shurtape LS 300 UV-Resistant Lineset Tape, 48 x 55 mm	EA	1

Cork Tape

Adheres firmly to all metals. Use on hot or cold pipes to stop condensation and drips.



6-330

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-330	Cork Tape, 1/8 in. x 2 in. x 30 ft.	EA	1

Foam Tape

The DiversiTech® 1/8 in. x 2 in. x 30 ft. roll of foam insulation tape can be used on hot or cold pipes. It fits well around valves and fittings and is easily cut and molded.



6-9718

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
6-9718	Foam Tape, 1/8 in. x 2 in. x 30 ft.	EA	1

Shurtape® Shurflex Duct Tape

HVAC non-printed professional grade metalized cloth duct tape designed for airtight and moisture-free seaming, connecting, splicing, patching and sealing of sheet metal and flex duct, rigid ductboards, air vents, insulation, fibrous filter banks and pollution collection systems. For superior performance, SF 682 is easy to use, hand-tearable and designed in color and appearance to match sheet metal, flex duct and ductboard.



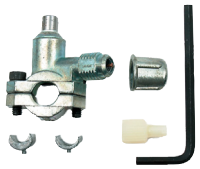
640-682

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
640-682	Shurtape® Shurflex Cloth Duct Tape 682 SIL, 48 x 55 m	EA	1
640-683	Shurtape® Shurflex Cloth Duct Tape 682 SIL, 72 x 55 m	EA	1

LINE TAPS

Quick-Tap

Features a valve core in the 1/4" male port. Simply pierce the line and back seat the needle. Flow starts when depressor type charging hose is connected. Flow shuts off automatically when hose is removed. If valve core is not desired, it may be removed. Connect hose, pierce line and back seat needle. This method offers full unrestricted flow. Valve core can be removed or changed at any time without loss of refrigerant if needle is front seated.

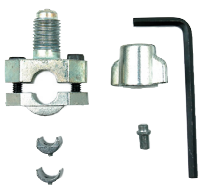


QT-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QT-1	Quick-Tap - 1/4", 5/16", 3/8" O.D. Tube Size	EA	1
QT-2	Quick-Tap - 1/2", 5/8" O.D. Tube Size	EA	1

MAC - The Ultimate In-Line Piercing Valves

Install valve. Connect charging hose. Service. That's all there is to it! MAC features uniport: 1 connection for piercing and servicing. Sealed with refrigerant resistant "O" rings. Needle automatically back seats after servicing, leaving line free of restriction. Connect to tubing with 2 socket-head screws. (Hex wrench is included with each valve.) Needle depressor is inserted into head of needle. Wing cap is turned down easily by hand until line is pierced. Wing cap is removed and system may be serviced with any charging hose with built-in depressor. When hose is removed, spring loaded needle back-seats forming a leak proof seal. Needle depressor is discarded and wing cap forms extra precautionary seal.

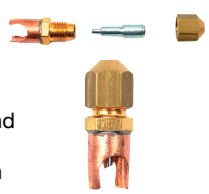


QTM-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QTM-1	MAC Line Piercing Valve - 1/4", 5/16", 3/8" O.D. Tube Size	EA	36
QTM-2	MAC Line Piercing Valve - 1/2", 5/8" O.D. Tube Size	EA	36

Copper Saddle Valve

For copper-to-copper brazing. Penetrates line in one easy operation with no holes to drill. Steel pin with valve core pierces line and is locked into valve body by tightening cap. Teflon ring assures positive seal. Available in sizes from 1/4" to 1-1/8".



VLC-4

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
VLC-4	Copper Saddle Valve - 1/4" O.D. Tube Size, pack of 6	PK	1
VLC-5	Copper Saddle Valve - 5/16" O.D. Tube Size, pack of 6	PK	1
VLC-6	Copper Saddle Valve - 3/8" O.D. Tube Size, pack of 6	PK	1
VLC-8	Copper Saddle Valve - 1/2" O.D. Tube Size, pack of 4	PK	1
VLC-10	Copper Saddle Valve - 5/8" O.D. Tube Size, pack of 3	PK	1
VLC-12	Copper Saddle Valve - 3/4" O.D. Tube Size, pack of 2	PK	1

Quick-Tap-2

Identical to Quick-Tap except that a nylon handle replaces the hex wrench. Phillips-head screws are used.



QTH-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QTH-1	Quick-Tap-2 - 1/4", 5/16", 3/8" O.D. Tube Size	EA	1
QTH-2	Quick-Tap-2 - 1/2", 5/8" O.D. Tube Size	EA	1

Insta-Tap Refrigerant Recovery Tool

The fastest, easiest way to evacuate refrigerant before disposal of a unit. Snaps onto refrigerant line for full and immediate flow. Punctures super large hole for maximum full flow discharge to recovery unit. One tool fits all sizes from 3/16" to 7/8" O.D. hard tubing. Replaceable needle.



QT-100

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
QT-100	Quick-Tap-2 - 1/4", 5/16", 3/8" O.D. Tube Size	EA	1
QT-100N	Replaceable Hardened Steel Needle and Gasket	EA	1
QT-100G	Replacement Gasket Only	EA	3

Core Storer

All steel valve core remover and storage container. Completely knurled for easier grip, eliminating slippage when using with oily or greasy hands. Core Storer features a compartment for storing extra valve cores. Four replacement cores are included with each tool.



VCR-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
VCR-1	Core Remover and Storer	EA	1

Core Removal Tool

Designed to remove and replace valve cores without losing the refrigerant charge. Connects to any 1/4" male flare fitting. Saves time, saves refrigerant.



VCRT-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
VCRT-1	Core Removal Tool	EA	1

LABELING AND IDENTIFICATION

DiversiTech Refrigerant ID Labels



Refrigerant labels are designed for proper identification of refrigerant in a recovery cylinder. These 3" x 4" self-adhesive vinyl refrigeration labels use a high-tack acrylic adhesive and UV cured screen printing. Each label indicates the type of refrigerant (eg. R-438A), the chemical name (eg. pentafluoroethane) and the UN No. (eg. UN3163).

- Color coded
- Large and easy to read refrigerant identification
- Durable UV cured screen printed

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
REFRIGERANT IDENTIFICATION LABELS (3" x 4")			
04022	R-22 Refrigerant ID Labels, pack of 10	PK	1
04134	R-134a Refrigerant ID Labels, pack of 10	PK	1
04404	R-404A (HP62/FX70) Refrigerant ID Labels, pack of 10	PK	1
04407	R-407C (SUVA 9000/KLEA 66) Refrigerant ID Labels, pack of 10	PK	1
04410	R-410A (AZ20) Refrigerant ID Labels, pack of 10	PK	1
04099	R-438A Refrigerant ID Labels, pack of 10	PK	1
04402	R-402A Refrigerant ID Labels, pack of 10	PK	1
04421	R-421A Refrigerant ID Labels, pack of 10	PK	1
04137	R-437A Refrigerant ID Labels, pack of 10	PK	1
SYSTEM REFRIGERANT/OIL LABELS (3" x 4")			
04850	Refrigerant Removed Labels, pack of 10	PK	1

REFRIGERANT SAFETY CAPS

Sentry™ Refrigerant Locking Caps - R-410, Red, 1/4"



RSC-RED-02

The Sentry™ Refrigerant Locking Caps are quick and easy way to comply with the IRC and IMC codes requirement that all outdoor access ports on A/C and refrigerant equipment have to be tamper resistant. This cap is anodized in red color for easy identification of R-410 refrigerant. It is designed for 1/4" access ports. An O-ring seal is also pre-installed to prevent leaks.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
RSC-RED-02	Sentry™ Refrigerant Locking Caps - 1/4", Red, 2 pcs Pack	PK	1
RSC-RED-04K	Sentry™ Refrigerant Locking Caps - 1/4", Red, 4 pcs Pack w/1 Universal Key	PK	1
RSC-RED-10	Sentry™ Refrigerant Locking Caps - 1/4", Red, 10 pcs Pack	PK	1
RSC-RED-50K	SentryTM Refrigerant Locking Caps - 1/4", Red, 50 pcs Pack w/2 Universal Keys	PK	1
RSC-RED-500	Sentry™ Refrigerant Locking Caps - 1/4", Red, 50 pcs Pack w/5 Driver Bits	PK	1

Sentry™ Refrigerant Locking Caps - R-22, Green, 1/4"



RSC-GRN-02

The Sentry™ Refrigerant Locking Caps are quick and easy way to comply with the IRC and IMC codes requirement that all outdoor access ports on A/C and refrigerant equipment have to be tamper resistant. This cap is anodized in green color for easy identification of R-22 refrigerant. It is designed for 1/4" access ports. An O-ring seal is also pre-installed to prevent leaks.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
RSC-GRN-02	Sentry™ Refrigerant Locking Caps - 1/4", Green, 2 pcs Pack	PK	1

Sentry™ Refrigerant Locking Caps - R-410, Red, 5/16"



RSC-RED-02-E

The Sentry™ Refrigerant Locking Caps are quick and easy way to comply with the IRC and IMC codes requirement that all outdoor access ports on A/C and refrigerant equipment have to be tamper resistant. This cap is anodized in red color for easy identification of R-410 refrigerant. It is designed for 5/16" access ports typically used on mini-splits and European styles of A/C systems. An O-ring seal is also pre-installed to prevent leaks.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
RSC-RED-02-E	Sentry™ Refrigerant Locking Caps - 5/16", Red, 2 pcs Pack w/ Universal Key	PK	1
RSC-RED-04K-E	Sentry™ Refrigerant Locking Caps - 5/16", Red, 4 pcs Pack w/1 Universal Key	PK	1
RSC-RED-10-E	Sentry™ Refrigerant Locking Caps - 5/16", Red, 10 pcs Pack	PK	1
RSC-RED-50K-E	Sentry™ Refrigerant Locking Caps - 5/16", Red, 50 pcs Pack w/2 Universal Keys	PK	1

REFRIGERANT SAFETY CAPS CONT'D

Sentry™ Refrigerant Locking Caps - Universal, Silver, 1/4"



RSC-SLV-02

The Sentry™ Refrigerant Locking Caps are quick and easy way to comply with the IRC and IMC codes requirement that all outdoor access ports on A/C and refrigerant equipment have to be tamper resistant. This cap is anodized in silver color and could be used on different types of refrigerants. It is designed for 1/4" access ports. An O-ring seal is also pre-installed to prevent leaks.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
RSC-SLV-02	Sentry™ Refrigerant Locking Caps - 1/4", Silver, 2 pcs Pack	PK	1
RSC-SLV-04K	Sentry™ Refrigerant Locking Caps - 1/4", Silver, 4 pcs Pack w/1 Universal Key	PK	1
RSC-SLV-10	Sentry™ Refrigerant Locking Caps - 1/4", Silver, 10 pcs Pack	PK	1
RSC-SLV-50K	Sentry™ Refrigerant Locking Caps - 1/4", Silver, 50 pcs Pack w/2 Universal Keys	PK	1
RSC-SLV-500	Sentry™ Refrigerant Locking Caps - 1/4", Silver, 500 pcs Pack w/5 Driver Bits	PK	1

Sentry™ Universal Key for Refrigerant Locking Caps

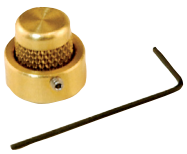


RSC-TOOL-B

This Universal Key is not only for DiversiTech's Sentry™ Refrigerant Locking Caps. It has four different keys that is fit to lock and unlock most of the refrigerant locking caps in the market. It is compact and easy to carry.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
RSC-TOOL-B	Universal Key for Refrigerant Locking Caps	EA	1

Cop-Cap™ Locking Valve Cover



VCC-4

An effective way to discourage and prevent the removal of refrigerant. Cop-Cap™ fits this standard service valve on all central AC units and mini-splits. It helps prevent access by unauthorized persons and can only be removed with the included special tool. Simply thread Cop-Cap™ assembly onto existing 1/4" flare connection on system and lock set screw in place with hex wrench provided.

- Seals service valve to prevent leaks
- Prevents illegal venting or theft of refrigerant
- Stops unauthorized access in unsecured areas

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
VCC-4	Cop-Cap™, Pack of 2	PK	1
VCC-4B	Cop-Cap™ bulk, 100 per case	EA	100

TUBING INSULATION

Tubing Insulation



7-3838

Highest quality tubing insulation by Armacell. AC Accoflex® tubing insulation is a flexible rubber product from the inventors of elastomeric foam insulation. It is designed exclusively for HVAC, with a tough surface and excellent resistance to ultraviolet damage, condensation and mold.

3/8" WALL

CATALOG NO.	DESCRIPTION	TOTAL FEET	UOM	ORDER MUL.
7-3838	3/8" ID x 3/8" Wall, pack of 100,	600"	PK	1
7-3812	1/2" ID x 3/8" Wall, pack of 80	480"	PK	1
7-3858	5/8" ID x 3/8" Wall, pack of 65	390"	PK	1
7-3834	3/4" ID x 3/8" Wall, pack of 55	330"	PK	1
7-3878	7/8" ID x 3/8" Wall, pack of 45	270"	PK	1
7-381-18	1-1/8" ID x 3/8" Wall, pack of 35	210"	PK	1
7-382-18	2-1/8" ID x 3/8" Wall, pack of 16	96"	PK	1

1/2" WALL

CATALOG NO.	DESCRIPTION	TOTAL FEET	UOM	ORDER MUL.
7-1238	3/8" ID x 1/2" Wall, pack of 75	450"	PK	1
7-1212	1/2" ID x 1/2" Wall, pack of 66	396"	PK	1
7-1258	5/8" ID x 1/2" Wall, pack of 50	300"	PK	1
7-1234	3/4" ID x 1/2" Wall, pack of 40	240"	PK	1
7-1278	7/8" ID x 1/2" Wall, pack of 35	210"	PK	1
7-121-18	1-1/8" ID x 1/2" Wall, pack of 25	150"	PK	1
7-121-38	1-3/8" ID x 1/2" Wall, pack of 20	120"	PK	1
7-122-18	2-1/8" ID x 1/2" Wall, pack of 10	60"	PK	1
7-122-58	2-5/8" ID x 1/2" Wall, pack of 10	60"	PK	1

3/4" WALL

CATALOG NO.	DESCRIPTION	TOTAL FEET	UOM	ORDER MUL.
7-3438	3/8" ID x 3/4" Wall, pack of 40	240"	PK	1
7-3412	1/2" ID x 3/4" Wall, pack of 35	210"	PK	1
7-3458	5/8" ID x 3/4" Wall, pack of 24	144"	PK	1
7-3434	3/4" ID x 3/4" Wall, pack of 23	138"	PK	1
7-3478	7/8" ID x 3/4" Wall, pack of 20	120"	PK	1
7-341-18	1-1/8" ID x 3/4" Wall, pack of 15	90"	PK	1
7-342-18	2-1/8" ID x 3/4" Wall, pack of 9	54"	PK	1
7-342-58	2-5/8" ID x 3/4" Wall, pack of 8	48"	PK	1
7-382-58	2-5/8" ID x 3/8" Wall, pack of 12	72"	PK	1

1" WALL

CATALOG NO.	DESCRIPTION	TOTAL FEET	UOM	ORDER MUL.
7-1058	5/8" ID x 1" Wall, pack of 20	120"	PK	1

TUBING INSULATION CONT'D

Self-Sealing Split Tubing Insulation

The Tubolit® semi-slit tubing insulation is made of 100% non-particulating polyethylene foam pipe insulation. Its closed-cell structure won't wick moisture and helps prevent the absorption of condensation that could cause mold to develop over time. It is pre-slit with a factory applied pressure sensitive adhesive to both seam surfaces and has a release liner for easy installation. Available in 3/8", 1/2", 3/4" and 1" wall thickness options with inner diameters from 3/8" to 3-1/8".



7-3838

3/8" WALL

CATALOG NO.	DESCRIPTION	TOTAL FEET	UOM	ORDER MUL.
7-S3838	3/8" ID x 3/8" Wall, pack of 90	540"	PK	1
7-S1238	1/2" ID x 3/8" Wall, pack of 76	456"	PK	1
7-S3438	3/4" ID x 3/8" Wall, pack of 50	300"	PK	1
7-S15838	1-5/8" ID x 3/8" Wall, pack of 23	138"	PK	1
7-S11038	1-1/2" ID x 3/8" Wall, pack of 21	126"	PK	1
7-S21838	2-1/8" ID x 3/8" Wall, pack of 16	96"	PK	1
7-S20038	2-3/8" ID x 3/8" Wall, pack of 14	84"	PK	1
7-S25838	2-5/8" ID x 3/8" Wall, pack of 12	72"	PK	1
7-S21038	2-7/8" ID x 3/8" Wall, pack of 10	60"	PK	1
7-S31838	3-1/8" ID x 3/8" Wall, pack of 9	54"	PK	1

1/2" WALL

CATALOG NO.	DESCRIPTION	TOTAL FEET	UOM	ORDER MUL.
7-S1212	1/2" ID x 1/2" Wall, pack of 56	336"	PK	1
7-S3412	3/4" ID x 1/2" Wall, pack of 44	264"	PK	1
7-S7812	7/8" ID x 1/2" Wall, pack of 40	240"	PK	1
7-S10012	1" ID x 1/2" Wall, pack of 35	210"	PK	1
7-S11812	1-1/8" ID x 1/2" Wall, pack of 31	186"	PK	1
7-S12512	1-1/4" ID x 1/2" Wall, pack of 28	168"	PK	1
7-S13812	1-3/8" ID x 1/2" Wall, pack of 25	150"	PK	1
7-S15812	1-5/8" ID x 1/2" Wall, pack of 20	120"	PK	1
7-S11012Y	1-1/2" ID x 1/2" Wall, pack of 17	102"	PK	1
7-S21812	2-1/8" ID x 1/2" Wall, pack of 14	84"	PK	1
7-S0012	2-3/8" ID x 1/2" Wall, pack of 12	72"	PK	1
7-S25812	2-5/8" ID x 1/2" Wall, pack of 10	60"	PK	1
7-S21012	2-7/8" ID x 1/2" Wall, pack of 9	54"	PK	1
7-S31812	3-1/8" ID x 1/2" Wall, pack of 8	48"	PK	1
7-S35812	3-5/8" ID x 1/2" Wall, pack of 6	36"	PK	1
7-S41812Y	4-1/8" ID x 1/2" Wall, pack of 5	30"	PK	1
7-S40012	4-1/2" ID x 1/2" Wall, pack of 4	24"	PK	1

3/4" WALL

CATALOG NO.	DESCRIPTION	TOTAL FEET	UOM	ORDER MUL.
7-S1234	1/2" ID x 3/4" Wall, pack of 35	210"	PK	1
7-S5834	5/8" ID x 3/4" Wall, pack of 30	180"	PK	1
7-S3434	3/4" ID x 3/4" Wall, pack of 27	162"	PK	1
7-S7834	7/8" ID x 3/4" Wall, pack of 25	150"	PK	1
7-S11834	1-1/8" ID x 3/4" Wall, pack of 20	120"	PK	1
7-S13834	1-3/8" ID x 3/4" Wall, pack of 16	96"	PK	1
7-S15834	1-5/8" ID x 3/4" Wall, pack of 14	84"	PK	1
7-S11034	1-1/2" ID x 3/4" Wall, pack of 11	66"	PK	1
7-S21834	2-1/8" ID x 3/4" Wall, pack of 9	54"	PK	1
7-S20034	2-3/8" ID x 3/4" Wall, pack of 9	54"	PK	1
7-S25834	2-5/8" ID x 3/4" Wall, pack of 8	48"	PK	1
7-S21034	2-7/8" ID x 3/4" Wall, pack of 7	42"	PK	1
7-S31834	3-1/8" ID x 3/4" Wall, pack of 6	36"	PK	1
7-S35834	3-5/8" ID x 3/4" Wall, pack of 5	30"	PK	1
7-S41834	4-1/8" ID x 3/4" Wall, pack of 4	24"	PK	1
7-S40034	4-1/2" ID x 3/4" Wall, pack of 4	24"	PK	1

1" WALL

CATALOG NO.	DESCRIPTION	TOTAL FEET	UOM	ORDER MUL.
7-S3810	3/8" ID x 1" Wall, pack of 25	150"	PK	1
7-S1210	1/2" ID x 1" Wall, pack of 21	126"	PK	1
7-S5810	5/8" ID x 1" Wall, pack of 20	120"	PK	1
7-S3410	3/4" ID x 1" Wall, pack of 20	120"	PK	1
7-S7810	7/8" ID x 1" Wall, pack of 16	96"	PK	1
7-S10010	1" ID x 1" Wall, pack of 16	96"	PK	1
7-S11810	1-1/8" ID x 1" Wall, pack of 14	84"	PK	1
7-S13810	1-3/8" ID x 1" Wall, pack of 12	72"	PK	1
7-S15810	1-5/8" ID x 1" Wall, pack of 10	60"	PK	1
7-S11010	1-1/2" ID x 1" Wall, pack of 9	54"	PK	1
7-S21810	2-1/8" ID x 1" Wall, pack of 9	54"	PK	1
7-S20010	2-3/8" ID x 1" Wall, pack of 7	42"	PK	1
7-S25810	2-5/8" ID x 1" Wall, pack of 6	36"	PK	1
7-S21010	2-7/8" ID x 1" Wall, pack of 5	30"	PK	1
7-S31810	3-1/8" ID x 1" Wall, pack of 4	24"	PK	1
7-S35810	3-5/8" ID x 1" Wall, pack of 4	24"	PK	1
7-S41810	4-1/8" ID x 1" Wall, pack of 4	24"	PK	1
7-S40010	4-1/2" ID x 1" Wall, pack of 3	18"	PK	1
7-S40012	4-1/2" ID x 1/2" Wall, pack of 4	24"	PK	1

CO AND SMOKE ALARMS

Carbon Monoxide Alarms



CM-1000

- 10 year sealed batteries provide continuous protection
- Microprocessor intelligence combined with electrochemical sensor virtually eliminates nuisance alarms
- Red LED indicates the status of power and CO
- Table top (free standing) or wall mounted. Mounting hardware included.
- Exceeds industry standards, ETL listed to UL Standard UL 2034 and California State Fire Marshal approved.
- 10 year limited warranty on both battery and alarm

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CM-1000	Carbon Monoxide Smart Alarm	EA	1

IoPhic® Smoke & Fire, Carbon Monoxide & Natural Gas Alarm



MDSCN111

- 4-in-1 smart alarm uses a single sensor to detect both CO & Natural Gas AND protects against both fast flaming & slow smolding fires
- 120-volt AC hardwired alarm with backup 9 volt battery is suitable for houses, apartments and mobile homes
- Mount the bracket to any standard wiring junction box and use the large mounting base to cover imperfections in drywall
- Features a quick activation pull-tab and a front loading battery drawer for replacement without removing the alarm from the bracket
- Comes with a 7 year limited warranty

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
MSCN111	Smoke & Fire, Carbon Monoxide and Natural Gas Alarm	EA	4

GAS CONNECTORS

EasyFlex Tankless Water Heater Connection Kits

The Tankless Water Heater Connection Kits by EASYFLEX are customized kits. Each kit includes one 1" OD, 3/4" MXF Gas Connector, two 3/4" ID, 3/4" FIP x 3/4" MIP Water Connectors, Hot & Cold Isolation Valve Set, and Pressure Relief Valve. One box has it all! Installation and maintenance are made easy for contractors and homeowners.



Global Pipe Manufacturer

EASYFLEX

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
EFLF-ISV-HCTP	Tankless Water Heater Isolation Valve Set	EA	1
EFHC-0118-3Y0118	Tankless Water Heater Isolation Valve Set + 18" Connectors	EA	1
EFHC-0124-3Y0124	Tankless Water Heater Isolation Valve Set + 24" Long Connectors	EA	1

DiversiTech Gas Connectors 1/2" OD

Combining flexibility, durability, and functionality, DiversiTech stainless steel gas connectors are CSA design certified and 100% leak tested for quality and security. DiversiTech gas connectors are durable and reliable to give you everything you need. Available in a variety of sizes and lengths.



D20-3132-18

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
D20-3132-18	Gas Connector - 18" long, 1/2" OD x 3/8" ID, M x F	EA	12
D20-3132-24	Gas Connector - 24" long, 1/2" OD x 3/8" ID, M x F	EA	12
D20-3132-36	Gas Connector - 36" long, 1/2" OD x 3/8" ID, M x F	EA	12
D20-3132-48	Gas Connector - 48" long, 1/2" OD x 3/8" ID, M x F	EA	12

DiversiTech Gas Connectors 5/8" OD

Combining flexibility, durability, and functionality, DiversiTech stainless steel gas connectors are CSA design certified and 100% leak tested for quality and security. DiversiTech gas connectors are durable and reliable to give you everything you need. Available in a variety of sizes and lengths.



D30-3132-18

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
D30-3131-24	Gas Connector - 24" long, 5/8" OD x 1/2" ID, M x M	EA	12
D30-3131-36	Gas Connector - 36" long, 5/8" OD x 1/2" ID, M x M	EA	12
D30-3131-48	Gas Connector - 48" long, 5/8" OD x 1/2" ID, M x M	EA	12
D30-3132-18	Gas Connector - 18" long, 5/8" OD x 1/2" ID, M x F	EA	12
D30-3132-24	Gas Connector - 24" long, 5/8" OD x 1/2" ID, M x F	EA	12
D30-3132-36	Gas Connector - 36" long, 5/8" OD x 1/2" ID, M x F	EA	12
D30-3132-48	Gas Connector - 48" long, 5/8" OD x 1/2" ID, M x F	EA	12

GAS CONNECTORS CONT'D

Yellow Epoxy Coated Gas Connectors

Yellow coated gas connectors include an epoxy coating for added durability and extra protection from corrosion, chemical stains from common household products and plumbing repairs. They can be used in various applications: dryers, boilers, bbq grills, ranges/ovens, furnaces, fireplaces, space heaters, tankless water heaters, rooftop units, manufactured homes.



DC30-3132-18

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DC20-3132-18	Gas Connector coated - 18" long, 1/2" OD x 3/8" ID. M x F	EA	12
DC20-3132-24	Gas Connector coated - 24" long, 1/2" OD x 3/8" ID. M x F	EA	12
DC20-3132-36	Gas Connector coated - 36" long, 1/2" OD x 3/8" ID. M x F	EA	12
DC20-3132-48	Gas Connector coated - 48" long, 1/2" OD x 3/8" ID. M x F	EA	12
DC20-3131-18	Gas Connector coated - 18" long, 1/2" OD x 3/8" ID. M x F	EA	12
DC20-3131-24	Gas Connector coated - 24" long, 1/2" OD x 3/8" ID. M x F	EA	12
DC20-3131-36	Gas Connector coated - 36" long, 1/2" OD x 3/8" ID. M x F	EA	12
DC20-3131-48	Gas Connector coated - 48" long, 1/2" OD x 3/8" ID. M x F	EA	12
DC30-3132-18	Gas Connector coated - 18" long, 5/8" OD x ¬Ω" ID. M x F	EA	12
DC30-3132-24	Gas Connector coated - 24" long, 5/8" OD x ¬Ω" ID. M x F	EA	12
DC30-3132-36	Gas Connector coated - 36" long, 5/8" OD x ¬Ω" ID. M x F	EA	12
DC30-3132-48	Gas Connector coated - 48" long, 5/8" OD x ¬Ω" ID. M x F	EA	12
DC30-3131-18	Gas Connector coated - 18" long, 5/8" OD x ¬Ω" ID. M x M	EA	12
DC30-3131-24	Gas Connector coated - 24" long, 5/8" OD x ¬Ω" ID. M x M	EA	12
DC30-3131-36	Gas Connector coated - 36" long, 5/8" OD x ¬Ω" ID. M x M	EA	12
DC30-3131-48	Gas Connector coated - 48" long, 5/8" OD x ¬Ω" ID. M x M	EA	12

Dormont 20 Series

1/2" O.D. x 3/8" I.D. 1/2" MIP x 1/2" FIP Connectors



20-3132-18

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
20-3132-18	Gas Connector - 18" Long	EA	12
20-3132-24	Gas Connector - 24" Long	EA	12
20-3132-36	Gas Connector - 36" Long	EA	12
20-3132-48	Gas Connector - 48" Long	EA	12

Dormont 20 Series with Valve

Corrugated stainless steel connectors with special Supr Safe design to increase flexibility. Maximum service and safety and is approved for both indoor and outdoor use. This is perfect for range and furnace connections. This Series is AA and CGA approved. This connector comes in 20 3135 18 ½" O.D. x 3/8" I.D. x ½" FIP Ball Valve.



20-3135-18

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
20-3135-18	Gas Connector - 18" Long	EA	12
20-3135-24	Gas Connector - 24" Long	EA	12
20-3135-36	Gas Connector - 36" Long	EA	12
20-3135-48	Gas Connector - 48" Long	EA	12

Dormont 30 Series

Corrugated, stainless steel connectors with special Supr Safe® design to increase flexibility. Maximum service and safety, approved for indoor or outdoor use. Perfect for range and furnace connection. AGA and CGA approved. 3131 Series: 5/8" O.D. x 1/2" I.D. 1/2" MIP x 1/2" MIP Connectors. 3132 Series: 5/8" O.D. x 1/2" I.D. 1/2" MIP x 1/2" FIP Connectors.

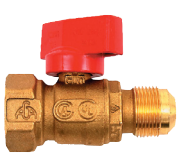


30-3132-18

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
30-3131-24	Gas Connector - 24" Long	EA	12
30-3131-36	Gas Connector - 36" Long	EA	12
30-3131-48	Gas Connector - 48" Long	EA	12
30-3132-12	Gas Connector - 12" Long	EA	12
30-3132-18	Gas Connector - 18" Long	EA	12
30-3132-24	Gas Connector - 24" Long	EA	12
30-3132-30	Gas Connector - 30" Long	EA	12
30-3132-36	Gas Connector - 36" Long	EA	12
30-3132-48	Gas Connector - 48" Long	EA	12
30-3132-60	Gas Connector - 60" Long	EA	12
30-3132-72	Gas Connector - 72" Long	EA	12

Gas Ball Valve

Gas Ball Valves meet the stringent ISO 9000 quality standard. AGA and CGA certified.



91-3042

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
91-3042	5/8" O.D. Flare x 3/4" FIP for "30 Series" Gas Conn.	EA	10
91-2032	1/2" O.D. Flare x 1/2" FIP for "20 Series" Gas Conn.	EA	10
92-3232	1/2" FIP x 1/2" FIP	EA	10
92-4242	3/4" FIP x 3/4" FIP	EA	10

HEAT RESISTANT CLOTH

Heat Resistant Cloth

This flame barrier drop cloth withstands temperatures to 3,000°F. No asbestos. Protects walls, floors, equipment, components and adjacent surfaces from torch flames when soldering, brazing or welding. All cloths have edges taped and sewn with grommets at each corner. Highly resistant to many chemicals and acids.



16510



16500

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
16500	18" x 18" Plain	EA	1
16510	18" x 18" Keyhole w/cutout for draping over pipes/tubes	EA	1
16520	36" x 36" Plain	EA	1

IRON FITTINGS

Black Steel Welded Nipples

Welded Steel that withstands 700 PSI test pressure is perfect for everyday use. The specs for this product are ASTM A 120 (Nom B 10) and the thickness is Sch. 40.



BPN-5

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPN-1	1/2" x CL Black Welded Nipple	EA	25
BPN-2	1/2" x 1-1/2" Black Welded Nipple	EA	25
BPN-3	1/2" x 2" Black Welded Nipple	EA	25
BPN-4	1/2" x 2-1/2" Black Welded Nipple	EA	25
BPN-5	1/2" x 3" Black Welded Nipple	EA	25
BPN-6	1/2" x 3-1/2" Black Welded Nipple	EA	25
BPN-7	1/2" x 4" Black Welded Nipple	EA	20
BPN-8	1/2" x 4-1/2" Black Welded Nipple	EA	15
BPN-9	1/2" x 5" Black Welded Nipple	EA	15
BPN-10	1/2" x 5-1/2" Black Welded Nipple	EA	25
BPN-11	1/2" x 6" Black Welded Nipple	EA	15
BPN-12	1/2" x 7" Black Welded Nipple	EA	25
BPN-13	1/2" x 8" Black Welded Nipple	EA	15
BPN-14	1/2" x 9" Black Welded Nipple	EA	25
BPN-15	1/2" x 10" Black Welded Nipple	EA	15
BPN-16	1/2" x 11" Black Welded Nipple	EA	25
BPN-17	1/2" x 12" Black Welded Nipple	EA	15
BPN-18	3/4" x CL Black Welded Nipple	EA	25
BPN-19	3/4" x 1-1/2" Black Welded Nipple	EA	25
BPN-20	3/4" x 2" Black Welded Nipple	EA	25
BPN-21	3/4" x 2-1/2" Black Welded Nipple	EA	25
BPN-22	3/4" x 3" Black Welded Nipple	EA	15
BPN-23	3/4" x 3-1/2" Black Welded Nipple	EA	15
BPN-24	3/4" x 4" Black Welded Nipple	EA	15

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPN-25	3/4" x 4-1/2" Black Welded Nipple	EA	20
BPN-26	3/4" x 5" Black Welded Nipple	EA	20
BPN-28	3/4" x 6" Black Welded Nipple	EA	15
BPN-30	3/4" x 8" Black Welded Nipple	EA	10
BPN-32	3/4" x 10" Black Welded Nipple	EA	10
BPN-34	3/4" x 12" Black Welded Nipple	EA	15
BPN-35	1" x CL Black Welded Nipple	EA	25
BPN-37	1" x 2" Black Welded Nipple	EA	25
BPN-38	1" x 2-1/2" Black Welded Nipple	EA	25
BPN-39	1" x 3" Black Welded Nipple	EA	5
BPN-40	1" x 3-1/2" Black Welded Nipple	EA	5
BPN-41	1" x 4" Black Welded Nipple	EA	10
BPN-43	1" x 5" Black Welded Nipple	EA	5
BPN-44	1" x 5-1/2" Black Welded Nipple	EA	10
BPN-45	1" x 6" Black Welded Nipple	EA	5
BPN-47	1" x 8" Black Welded Nipple	EA	5
BPN-51	1" x 12" Black Welded Nipple	EA	5
BPN-52	1/2" x 18" Black Welded Nipple	EA	5
BPN-53	1/2" x 24" Black Welded Nipple	EA	3
BPN-54	1/2" x 36" Black Welded Nipple	EA	5
BPN-A12	1/2" Assortment Pack, 6 each of CL thru 6", pack of 66	PK	2
BPN-A34	3/4" Assortment Pack, 6 each of CL thru 6", pack of 66	PK	2

90 Degree Ell

- Material: ASTM A 197 Cupola Malleable Iron, 150 lb.
- Dimensions::
  ANSI B 16.3 - Malleable Iron Threaded Fittings
  ANSI B 16.14 - Ferrous Pipe Plugs, Bushings etc.
  ANSI B 16.39 - Malleable Iron Threaded Pipe Unions
- Threads: ANSI B 2.1 or BS 21
- Tensile Strength: 28.4 kg/mm.min



BPF-01

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-01	1/2" 90 Degree Elbow	EA	50
BPF-02	3/4" 90 Degree Elbow	EA	35
BPF-03	1" 90 Degree Elbow	EA	20

45 Degree Ell

The 45 Degree Ell fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.3. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-04

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-04	1/2" 45 Degree Elbow	EA	50
BPF-05	3/4" 45 Degree Elbow	EA	40
BPF-06	1" 45 Degree Elbow	EA	15

IRON FITTINGS CONT'D.

Coupling

The Coupling fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.3. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-07

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-07	1/2" Coupling	EA	60
BPF-08	3/4" Coupling	EA	50
BPF-09	1" Coupling	EA	25

90 Degree Street Ell

The 90 Degree Street Ell fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.3. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-13

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-13	1/2" 90 Degree Street Elbow	EA	60
BPF-14	3/4" 90 Degree Street Elbow	EA	35

Reducing Tee

The Reducing Tee fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.3. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-21

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-20	3/4" x 1/2" x 1/2" Reducing Tee	EA	25
BPF-21	3/4" x 1/2" x 3/4" Reducing Tee	EA	20
BPF-34	1" x 1" x 1/2" Reducing Tee	EA	15

Cap

The Cap fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.3. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-25

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-25	1/2" Cap	EA	75
BPF-26	3/4" Cap	EA	40
BPF-27	1" Cap	EA	35

Union

The Union fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.39. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-31

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-31	1/2" Union	EA	50
BPF-32	3/4" Union	EA	35
BPF-33	1" Union	EA	20

Reducing Coupling

The Reducing Coupling fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.3. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-10

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-10	3/4" x 1/2" Reducing Coupling	EA	60
BPF-11	1" x 1/2" Reducing Coupling	EA	30
BPF-12	1" x 3/4" Reducing Coupling	EA	25

Tee

The Tee fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.3. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-16

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-16	1/2" Tee	EA	40
BPF-17	3/4" Tee	EA	35
BPF-18	1" Tee	EA	20

Bushing

The Bushing fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.14. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-22

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-22	3/4" x 1/2" Hex Bushing	EA	75
BPF-23	1" x 1/2" Hex Bushing	EA	50

Plug

The Plug fitting is made of ASTM A 197 Cupola Malleable Iron, 150 LB. The dimensions for this fitting are ANSI B 16.14. The threads are ANSI V 2.1 or BS 21 and the tensile strength is 28.4 kg/mm.min for this fitting.



BPF-28

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BPF-28	1/2" Plug	EA	50
BPF-29	3/4" Plug	EA	30

ABRASIVE CLOTHS

Abrasive Cloth

Aluminum oxide, high quality 120 grit, abrasive cloth to thoroughly clean copper and steel tubing. Works wet or dry. Exceeds industry standards for abrasive cloth.



SC-10

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SC-10	Abrasive Cloth - 1-1/2" x 10 yds.	EA	1
SC-25	Abrasive Cloth - 1-1/2" x 25 yds.	EA	1

PIPE CEMENTS, PRIMERS AND CLEANERS

PVC Cement – Clear

PVC Cement is clear. All cans have brushtop applicator.



5-12

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-14	Oatey #31012 – 1/4 Pint	EA	24
5-12	Oatey #31013 – 1/2 Pint	EA	24
5-10	Oatey #31014 – 1 Pint	EA	24
5-32	Oatey #31015 – 32 oz.	EA	12

Purple Primer for PVC Pipe and Fittings (Black Label)

Recommended for all PVC and CPVC installations – all sizes/schedules. Purple tinted primer formulated to remove surface dirt and grease as well as soften the pipe surface to allow for a fast, secure and permanent solvent weld. For use in areas where codes call for primer verification.



530-30756

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-30755	Purple Primer – 4 oz.	EA	24
530-30756	Purple Primer – 8 oz.	EA	24
530-30757	Purple Primer – 16 oz.	EA	24

NSF and UPC listed. Exceeds ASTM F-656.

Rain-R-Shine Blue Cement

Medium-bodied blue colored cement for PVC pipe and fittings up to 6 inches in diameter. A very fast setting cement formulated for wet conditions and/or when quick pressurization and fast installation is needed. Exceeds ASTM D-2564.



530-30891

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-30890	Rain-R-Shine Cement – 4 oz.	EA	24
530-30891	Rain-R-Shine Cement – 8 oz.	EA	24
530-30893	Rain-R-Shine Cement – 16 oz.	EA	24

PVC Primer – Clear

Recommended for all PVC and CPVC applications. Can be used on all sizes and schedules. Formulated to remove all surface dirt, grease, and grime as well as soften the pipe in preparation for solvent cement. This primer can be used when you want a cleaner installation. Meets ASTM F-656 and is NSF listed.



530-30752

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-30752	PVC Primer – Clear – 16 oz.	EA	24

Heavy Duty PVC Cement

Heavy-bodied clear cement recommended for use on PVC pipe and fittings up to 12" in diameter for Sch. 40 and Sch. 80 potable water pressure pipe, gas, conduit, drain waste and vent pipe. Exceeds ASTM D-2564.



530-30863

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-30850	Heavy Duty Cement – 4 oz.	EA	24
530-30863	Heavy Duty Cement – 8 oz.	EA	24
530-30876	Heavy Duty Cement – 16 oz.	EA	24

All-Purpose Clear Cement for ABS, PVC and CPVC Pipe and Fittings

Heavy-bodied clear cement recommended for use on ABS, PVC, and CPVC pipe and fittings up to 12" in diameter. Flows freely and provides a thick layer of cement on the pipe. Apply at temperatures 40° to 90°F.



530-30821

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-30818	Clear Cement – 4 oz.	EA	24
530-30821	Clear Cement – 8 oz.	EA	24
530-30834	Clear Cement – 16 oz.	EA	24

PIPE CEMENTS, PRIMERS AND CLEANERS CONT'D

Medium Orange CPVC Cement



530-11029

Medium Orange CPVC Cement is formulated for use on all schedules and classes of CPVC pipe and fittings up to 6" diameter with interference fit.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-11029	Medium Orange CPVC Cement – 4 oz.	EA	24

PVC Gray Cement for High Efficiency Furnaces, Vent and Make-Up Air



530-30884

Medium-bodied gray colored cement for use on Sch. 40 conduit, drain waste, and vent pipe. Flows freely and covers with a thicker layer than regular PVC. Can be applied at temperatures 40° to 100°F.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-30884	Gray Cement – 8 oz.	EA	24
530-30885	Gray Cement – 16 oz.	EA	24

NSF and UPC listed. Exceeds ASTM D-2564.

Pro-Weld™ PVC Cement (Universal – PVC/ABS/CPVC)



PWU-8

Pro-Weld™ Universal Cement is a clear, medium-bodied, high strength cement for use on PVC to PVC, CPVC to CPVC, and ABS to ABS connections. Pro-Weld Universal sets up fast and works with all rigid schedule 40 and 80 piping up to 6 inches in diameter. Complies with ASTM D2564, D2235, and F493.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PWU-4	Pro-Weld™ – 4 oz. Brush-Top Container – Universal – PVC/ABS/CPVC	EA	24
PWU-8	Pro-Weld™ – 8 oz. Brush-Top Container – Universal – PVC/ABS/CPVC	EA	24
PWU-16	Pro-Weld™ – 16 oz. Brush-Top Container – Universal – PVC/ABS/CPVC	EA	24

Pro-Prime™ PVC Primer (Purple)



PP-8

A purple-tinted primer formulated to remove dirt and oil from the surface of Type I and II PVC piping, as well as soften the piping in preparation for solvent welding. Pro-Prime™ contains purple pigment which provides verification that the primer has been applied to the pipe surface. Pro-Prime™ meets ASTM Standard F-656.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PP-4	Pro-Prime™ – 4 oz. Brush-Top Container	EA	24
PP-8	Pro-Prime™ – 8 oz. Brush-Top Container	EA	24
PP-16	Pro-Prime™ – 16 oz. Brush-Top Container	EA	24
PP-32	Pro-Prime™ – 32 oz. Can	EA	12

Pro-Weld™ PVC Cement (Regular Body)



PW-8

Pro-Weld™ PVC Cement is is a clear, regular-bodied solvent cement designed to be used on Type I and II PVC pipe and fittings up to and including 4 inch diameter. Pro-Weld™ meets ASTM Standard D-2564.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PW-4	Pro-Weld™ – 4 oz. Brush-Top Container – Regular Body	EA	24
PW-8	Pro-Weld™ – 8 oz. Brush-Top Container – Regular Body	EA	24
PW-16	Pro-Weld™ – 16 oz. Brush-Top Container – Regular Body	EA	24
PW-32	Pro-Weld™ – 32 oz. Brush-Top Container – Regular Body	EA	12

All Weather PVC Cement



530-31132

Medium-bodied cement for PVC pipe and fittings up to 6". Formulated for fast initial set-up from -15°F to 100°F. Exceeds ASTM D-2564.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-31132	All Weather Cement – 16 oz.	EA	24

Clear Cleaner



530-10202

Clear Cleaner is a simple and effective cleaner formulated for ABS, PVC and CPVC pipe and fittings that flows freely and evaporates quickly.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-10202	Clear Cleaner – 16 oz.	EA	24
530-10203	Clear Cleaner – 8 oz.	EA	24

Pro-Prime™ Clear PVC Primer



PPC-8

Clear primer that removes dirt and oil from the surface of Type I and II PVC piping. Softens the piping to prepare for solvent welding. Pro-Prime Clear primer meets ASTM Standard F-656.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PPC-4	Pro-Prime™ Clear – 4 oz. Brush-Top Container	EA	24
PPC-8	Pro-Prime™ Clear – 8 oz. Brush-Top Container	EA	24
PPC-16	Pro-Prime™ Clear – 16 oz. Brush-Top Container	EA	24

PIPE CEMENTS, PRIMERS, AND CLEANERS CONT'D

Pro-Weld™ Weather-ALL

Pro-Weld™ PVC Cement is a clear, regular-bodied solvent cement designed to be used on Type I and II PVC pipe and fittings up to and including 4 inch diameter. Pro-Weld™ meets ASTM Standard D-2564 and is usable in cold weather to -15°F and hot weather to 110°F.



PWW-8

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PWW-4	Pro-Weld™ – 4 oz. Brush-Top Container – All Weather Regular Body	EA	24
PWW-8	Pro-Weld™ – 8 oz. Brush-Top Container – All Weather Regular Body	EA	24
PWW-16	Pro-Weld™ – 16 oz. Brush-Top Container – All Weather Regular Body	EA	24

Un-Purple Primer

Hercules® Un-Purple Primer is formulated for use on all schedules and classes of PVC pipe and fittings. It appears clear, but shows purple under UV light. It makes every installation clean and look professional.



530-60445

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
530-60445	Hercules® Un-Purple Primer, 16 oz.	EA	1

Pro-Weld™ PVC Cement (Heavy Body)

Pro-Weld™ Heavy Body is a clear, heavy-bodied, very high strength industrial grade PVC cement. It has a medium setting time and works with all rigid schedule 40 and 80 pipe diameters up to 12 inches. Complies with ASTM D2564 and NSF.



PWH-8

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PWH-4	Pro-Weld™ – 4 oz. Brush-Top Container – Heavy Body	EA	24
PWH-8	Pro-Weld™ – 8 oz. Brush-Top Container – Heavy Body	EA	24
PWH-16	Pro-Weld™ – 16 oz. Brush-Top Container – Heavy Body	EA	24

Pro-Weld™ PVC Cement (Pool and Turf – Blue)

Pro-Weld™ Blue Pool and Turf is a blue colored, medium-bodied, high strength PVC cement for welding rigid or flexible PVC in wet conditions where the system needs to be pressurized quickly. Pro-Weld Blue Pool and Turf sets up very fast and works with all rigid and flexible schedule 40 and 80 pipe diameters up to 6 inches. Complies with ASTM D2564 and NSF.



PWB-8

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PWB-4	Pro-Weld™ – 4 oz. Brush-Top Container – Pool and Turf – Blue	EA	24
PWB-8	Pro-Weld™ – 8 oz. Brush-Top Container – Pool and Turf – Blue	EA	24
PWB-16	Pro-Weld™ – 16 oz. Brush-Top Container – Pool and Turf – Blue	EA	24

BATTERIES

Rayovac® is the leader in the industrial battery market and has been for years, with an estimated 50% share of the traditional industrial distribution channel. Rayovac® introduced the top-selling industrial flashlight to the market, and set the quality standard by which all other industrial flashlights are measured today. Whether your customer is searching for a toolbox-tough flashlight or high-performance batteries, Rayovac® offers a broad range of products to meet your needs.

Rayovac® Industrial Maximum Alkaline Batteries – Shrink Packed

- Same battery performance as the Contractor Packs at a lower cost
- Formulated specifically to exceed the everyday demands of industrial applications
- Outstanding dependability for "must work" applications


7-ALAA

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-ALAA	Alkaline AA Battery - Shrink Packed, pack of 8	EA	8
7-ALAAA	Alkaline AAA Battery - Shrink Packed, pack of 8	EA	8
7-ALC	Alkaline C Battery - Shrink Packed, pack of 6	EA	6
7-ALD	Alkaline D Battery - Shrink Packed, pack of 6	EA	6
7-AL9V	Alkaline 9V Battery - Shrink Packed, pack of 6	EA	6

BATTERIES CONT'D

Rayovac® Lantern Batteries

- Dependable performance — for "must work" applications
- Available in General Purpose, Heavy Duty, and Alkaline Maximum



7-806

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-806	6 Volt Alkaline Maximum - Spring Terminals, pack of 6	EA	6

Rayovac® Industrial Maximum Alkaline Batteries — Contractor Packs

- Contractor preferred, clear, resealable package
- Greater battery per pack quantities command higher battery sales
- Displays much more readily than other competitive batteries



7-ALAA-24

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
7-ALAA-24	Alkaline AA Battery - Contractor Pack, pack of 24	EA	24
7-ALAAA-18	Alkaline AAA Battery - Contractor Pack, pack of 18	EA	18
7-ALC-12	Alkaline C Battery - Contractor Pack, pack of 12	EA	12
7-ALD-12	Alkaline D Battery - Contractor Pack, pack of 12	EA	12
7-AL9V-12	Alkaline 9V Battery - Contractor Pack, pack of 12	EA	12

CONTACT CLEANERS

CBC II Contact Cleaner

A plastic safe, non-flammable electronic contact and circuit board cleaner. Dries fast, leaves no residue. No harsh fumes or odors.



362-16

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
362-16	CBC II Contact Cleaner - 10 oz. Aerosol	EA	12

HF™ Contact Cleaner

A petroleum distillate based precision cleaner with a flash point of 205ºF. It can be an alternative to CFCs when applications require higher flashpoints.



CRC-4-140

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-4-140	HF™ Contact Cleaner - 11 oz.	EA	12

QD® Contact Cleaner

This contact cleaner is suitable for cleaning sensitive electronics and electrical equipment and does not leave any residue. It evaporates quickly and is safe to use on all plastics. This product is more useful where lower flashpoint cleaners are acceptable. The QD® Contact Cleaner is NSF K2 Registered.



CRC-4CF

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-4CF	QD® Contact Cleaner - 11 oz.	EA	12

DEGREASERS

Heavy Duty Degreaser II

The Heavy Duty Degreaser II is a non-chlorinated, zero VOC formula for cleaning where chlorinated solvents are prohibited. It has a high flashpoint of 180°F. This degreaser effectively removes soils with no residue build-up. Please exercise caution on plastics.



CRC-7-140

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-7-140	Heavy Duty Degreaser II – 15 oz.	EA	12

Chlor-Free® Degreaser

Non-chlorinated degreasing solvent which is used to remove oil, grease and other contaminants. It is especially useful for applications requiring a quick turnaround and where a low flashpoint solvent can be used.



CRC-7Z

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-7Z	Chlor-Free® Degreaser - 14 oz.	EA	12

Citrus Degreaser

The Citrus Degreaser has a new Low VOC Formula. The product removes grease, oil and lubricants with no water wash-off. It evaporates quickly and leaves no residue. The product gives off a pleasant citrus scent and is NSF C1 Registered.



CRC-7PS

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-7PS	Citrus Degreaser – 15 oz.	EA	12

Electronic Degreaser

This Advanced Technology Formula is non-chlorinated, non-conductive, non-corrosive and non-staining. It rapidly dissolves grease, oil and sludge for better efficiency of mechanical equipment. The Electronic Degreaser has no flash or fire point.



CRC-4NU

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-4NU	Electronic Degreaser - 15 oz.	EA	12

HAND CLEANERS

Fast Orange® Hand Cleaner

Three out of five people prefer Fast Orange® over other hand cleaners. The first biodegradable, waterless hand cleaner with aloe, lanolin, and jojoba. Smooth lotion and extra-fine pumice available. USDA Approved.



HCO-7



HCO-15

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
HCO-7	Fast Orange® - 7-1/2 fl. oz. Smooth Squeeze Bottle	EA	12
HCO-15	Fast Orange® - 15 oz. Smooth Squeeze Bottle	EA	12
HCO-128	Fast Orange® - 1 Gallon Smooth with Dispenser	EA	4
HCP-7	Fast Orange® - 7-1/2 fl. oz. Pumice Squeeze Bottle	EA	12
HCP-15	Fast Orange® - 15 oz. Pumice Squeeze Bottle	EA	12

Wypall® Waterless Hand Wipes

These wipes go wherever hands go to get dirty. Full sized 12" x 12" wipes for full sized cleaning. Natural cleaning agent is tough on grease, grime, ink, and paint. Dual textured – smooth for wiping on one side and tough for scrubbing on the other. More wipes with our 75 count bucket.



5-42272

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-42272	Wypall® Waterless Hand Wipes - Bucket	EA	6
5-42272R	Hand Wipe Refills, pack of 75	PK	6

DROP CLOTHS AND SURFACE PROTECTION

Canvas Drop Cloths

Premium grade canvas drop cloths are made of first quality and full piece 100% cotton duck canvas fabric. The industrial grade canvas fabric is durable since it is tightly woven using virgin cotton yarn. The drop cloths are washable and reusable. Double stitched seams with heavy-duty rot resistant thread.



DC-4128

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DC-4128	Canvas Drop Cloth - 4' x 12'	EA	1
DC-9128	Canvas Drop Cloth - 9' x 12'	EA	1

LUBRICANTS

Knock'er Loose® Penetrating Solvent

An industrial strength, low viscosity penetrant designed to rapidly loosen and free seized, bound or frozen fasteners. This product also quickly permeates rust, scale, gum, grease and corrosion. Independent tests reveal that it outperforms its competition.



CRC-1KB

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-1KB	Knock'er Loose® Penetrating Solvent - 13 oz.	EA	12

Screwloose® Industrial Penetrating Oil

A no compromise penetrant that attacks corrosion to free corroded fasteners and mechanical components. A super fast, powerful, concentrated penetrating solvent that loosens rust scale and corrosion and instantly penetrates minute and tightly fitted crevices.



CRC-8

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-8	Screwloose® Industrial Penetrating Oil - 11 oz.	EA	12

White Lithium Grease

White Lithium Grease has superior lubrication and durability in any weather or temperature. It is useful as a break in lubricant for bearings or as a general purpose lubricant and corrosion inhibitor for tools, machinery and equipment.



CRC-9

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-9	White Lithium Grease - 10 oz.	EA	12

Ultra Lite 3-36® Ultra Thin Non Staining Lubricant

Ultra thin, non staining lubricant that resists oil, dirt and dust build up. This lubricant also seals out moisture and protects against corrosion. It is excellent for drying out electrical components.



CRC-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-1	Ultra Lite 3-36® Ultra Thin Non Staining Lubricant - 11 oz.	EA	12

3-36® Multi-Purpose Lubricant & Corrosion Inhibitor

A multi-purpose petroleum based compound that forms a clear, thin film that lubricates and protects against wear and corrosion. The product also displaces moisture and cleans.



CRC-2

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-2	3-36® Multi-Purpose Lubricant & Corrosion Inhibitor - 11 oz.	EA	12

SP-400™ Corrosion Inhibitor

Long-term corrosion inhibitor that protects equipment subject to heat, humidity, chemicals or severely corrosive atmospheres. This product is best to use on machined surfaces and assemblies subjected to long periods of storage.



CRC-3

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-3	SP-400™ Corrosion Inhibitor - 10 oz.	EA	12

Zinc-It® Instant Cold Galvanize™ Zinc Rich Galvanize Coating

High-performance zinc coating that electrochemically bonds with ferrous metals to form a galvanic cell. The product also fights rust and corrosion and can be used as a touch-up for damaged galvanized coatings. Zinc-It® Instant Cold Galvanize™ Zinc Rich Galvanize Coating dries quickly.



CRC-5

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-5	Zinc-It® Instant Cold Galvanize™ Zinc Rich Galvanize	EA	12

Sta-Plex™ Extreme Pressure Premium Red Grease

A superior multi-purpose certified lithium complex based grease which contains extreme pressure, anti-wear, and anti-oxidation additives. The product is very useful in high temperature and performance applications. The drop point is 500°F.



CRC-13

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-13	Sta-Plex™ Extreme Pressure Premium Red Grease - 14 oz.	EA	10

Heavy Duty Silicone Mold Release

This product provides maximum releases and is useful in difficult to remove parts. The Heavy Duty Silicone Mold Release is colorless, odorless, non-staining and non-corrosive.



CRC-6

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CRC-6	Heavy Duty Silicone Mold Release - 12 oz.	EA	12

LUBRICANTS CONT'D

WD-40®

Loosens rusted parts. Stops squeaks. Removes tar, grease and adhesives. Displaces moisture. Protects metal. New Smart Straw can.



741-002



741-001

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
741-001	WD-40, 8 oz.	EA	12
741-002	WD-40, 11 oz.	EA	12
741-003	WD-40, 14.4 oz. with E-Z Reach	EA	12

INDUSTRIAL TOWELS

Terry Towels

100% cotton. Minimum of 14" x 17". Pre-washed for absorbency, fully-hemmed, all-white, and reusable.



DTT-10

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DTT-10	Terry Towels, pack of 10	PK	1
DTT-24	Terry Towels, pack of 24	PK	8

Shop Towels

Heavy duty reusable towels. For wipe ups of grease, oil, water, etc. 100% cotton material is pre-shrunk and hemmed. Each towel measures 13" x 16".



ST-10

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ST-4	Shop Towels, pack of 4	PK	1
ST-10	Shop Towels, pack of 10	PK	1
ST-24	Shop Towels, pack of 24	PK	1

SHEET METAL SCREWS

Masonry Screw

This product comes in a pack of 250 and is suitable for brick, tile, slate, cement, and cinder block. The screws are a nice addition to the toolbox.



5-SCRMS

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-SCRMS	Masonry Screw - 1/4" x 1-1/4", pack of 250	PK	1

Anchor Kit

Plastic anchor kit for sheet rock applications. Kit includes 100 anchors, screws and 1 masonry bit.



540-AK100

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-AK100	Anchor size 1/4 x 1, Screw Size 10 x 1-1/4 HWH	EA	1

Sheet Metal Screws – Drill Point

Self-drilling, self-tapping. Hex washer head. Produces the optimum hole size, resulting in a tighter fit. Made from special heat treated steel for extra strength. Packaged in resealable plastic cartons.



5-SCR61-2DP



5-SCR81-2DPBULK



5-SCR82DP

CATALOG NO.	DESCRIPTION	HEAD SIZE	UOM	ORDER MUL.
5-SCR61-2DP	6 x 1/2 Drill Point, pack of 1,000	1/4"	PK	1
5-SCR81-2DP	8 x 1/2 Drill Point, pack of 1,000	1/4"	PK	1
5-SCR83-4DP	8 x 3/4 Drill Point, pack of 500	1/4"	PK	1
5-SCR83-4DPBULK	8 x 3/4 Drill Point - Bulk, pack of 10,000	1/4"	PK	1
5-SCR81DP	8 x 1 Drill Point, pack of 500	1/4"	PK	1
5-SCR81DP-BULK	8 x 1 Drill Point - Bulk, pack of 7,500	1/4"	PK	1
5-SCR101-2DP	10 x 1/2 Drill Point, pack of 500	5/16"	PK	1
5-SCR101-2DPBULK	10 x 1/2 Drill Point - Bulk, pack of 10,000	5/16"	PK	1
5-SCR103-4DP	10 x 3/4 Drill Point, pack of 500	5/16"	PK	1
5-SCR103-4DP100	10 x 3/4 Drill Point, pack of 100	5/16"	PK	1
5-SCR103-4DPBULK	10 x 3/4 Drill Point - Bulk, pack of 5,000	3/4"	PK	1
5-SCR101DP	10 x 1 Drill Point, pack of 500	5/16"	PK	1
5-SCR101-12DP	10 x 1-1/2 Drill Point, pack of 250	5/16"	PK	1
5-SCR101-12DP BULK	10 x 1-1/2 Drill Point - Bulk, pack of 3,500	5/16"	PK	1
5-SCR102DP	10 x 2 Drill Point, pack of 350	5/16"	PK	1

Sheet Metal Screws – Taper Point

Hex washer slotted head. Burr-free. Full 5/16" head will not strip out of hex driver opening. Heat treated tapered point will not break or "walk". Packaged in resealable plastic cartons.



5-SCR63-8



5-SCR81-2BULK



5-SCR101

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-SCR63-8	6 x 3/8 Taper Point, pack of 1,000	PK	1
5-SCR71-2	7 x 1/2 Taper Point, pack of 1,000	PK	1
5-SCR71-2BULK	7 x 1/2 Taper Point - Bulk, pack of 15,000	PK	1
5-SCR81-2	8 x 1/2 Taper Point, pack of 1,000	PK	1
5-SCR81-2BULK	8 x 1/2 Taper Point - Bulk, pack of 12,000	PK	1
5-SCR83-4	8 x 3/4 Taper Point, pack of 1,000	PK	1
5-SCR83-4BULK	8 x 3/4 Taper Point - Bulk, pack of 10,000	PK	1
5-SCR81	8 x 1 Taper Point, pack of 500	PK	1
5-SCR81BULK	8 x 1 Taper Point - Bulk, pack of 7,500	PK	1
5-SCR81-12	8 x 1-1/2 Taper Point, pack of 250	PK	1
5-SCR81-12W	8 x 1-1/2 Taper Point w/White Head,	PK	1
5-SCR81-12BULK	8 x 1-1/2 Taper Point - Bulk, pack of 5,000	PK	1
5-SCR82-100	8 x 2 Taper Point, pack of 100	PK	1
5-SCR82	8 x 2 Taper Point, pack of 350	PK	1
5-SCR82W	8 x 2 Taper Point w/White Head, pack of 250	PK	1
5-SCR82BULK	8 x 2 Taper Point - Bulk, pack of 3,000	PK	1
5-SCR103-4	10 x 3/4 Taper Point, pack of 1,000	PK	1
5-SCR101	10 x 1 Taper Point, pack of 500	PK	1
5-SCR101-2	10 x 1/2 Taper Point, pack of 1,000	PK	1

MARKERS, PAINTS AND PRIMERS

General Purpose Spray Paint

New, more complete line of professional quality fast drying spray paints. Color code compressors or refrigerant recovery cylinders to match standard refrigerant identifying colors. Touch up equipment housings. Product meets most recent VOC legislation and is currently compliant.



799-002V

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
799-001	Spray Paint - Gloss Black - 12 oz.	EA	6
799-002V	Spray Paint - Flat Black - 12 oz.	EA	6
799-003	Spray Paint - Gloss White - 12 oz.	EA	6
799-005	Spray Paint - Dark Machinery Gray - 12 oz.	EA	6
799-010	Spray Paint - Orange - 12 oz.	EA	6

High Heat Spray Paint

An ultra high temperature coating formulated to resist temperatures up to 1300°F. Great for use on boilers, furnaces, steam pipes, chimney collars, compressors and engine manifolds. Product meets most recent VOC legislation and is currently compliant.



799-041

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
799-040	High Heat Spray Paint - Aluminum - 12 oz.	EA	6
799-041	High Heat Spray Paint - Black - 12 oz.	EA	6

Industrial Enamel

Finally an aerosol paint that sprays in any direction without clogging. We guarantee it! Dries tack free in 10 to 20 minutes; fully dry in just one hour. Excellent corrosion and solvent resistance. Resists heat up to 250°F. Now in 20 oz. cans. Product meets most recent VOC legislation and is currently compliant.



799-024

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
799-025	Industrial Enamel - Aluminum- 12 oz.	EA	6

COVERALLS

KLEENGUARD®

KleenGuard® Personal Protective Equipment (PPE) enables rather than inhibits – allowing for maximum productivity and safety for you and your employees. When you're looking for an economical way to help protect your workers during potentially hazardous tasks, the Kleenguard brand A35 Disposable Coveralls, for Liquid and Particle Protection, are an excellent choice.

- Microporous film-laminated material helps protect against hazardous liquids (splashes) and dry particles (like dust and dirt)
- This protective suit has a zipper front and open wrists and ankles
- Available in sizes Medium to 3XL, meets ANSI / ISEA 101- 1996 standards
- PPE for hazardous liquid handling, pressure washing, maintenance, industrial / general manufacturing
- Meets American National Standards Institute and International Safety Equipment Association ANSI/ISEA 101-1996 sizing standard



COV-WPM

KLEENGUARD

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
COV-WPM	KleenGuard® (PPE), A35 Liquid a7 Particle Protection, Medium, Case/25	CS	1
COV-WPL	KleenGuard® (PPE), A35 Liquid a7 Particle Protection, Large, Case/25	CS	1
COV-WPXL	KleenGuard® (PPE), A35 Liquid a7 Particle Protection, X-Large, Case/25	CS	1
COV-WP3XL	KleenGuard® (PPE), A35 Liquid a7 Particle Protection, 3X-Large, Case/25	CS	1

WORK GLOVES

Cut Resistant Gloves



540-42545

The 540-42545 coated safety gloves are made of ultra-high molecular weight polyethylene (UHMWPE) yarn with nylon and stretch fiber, which provide both cut resistance and a comfortable fit. They are rated with ANSI Level 2 / EN388 Level 3 Cut Resistance and CPPT = 686 grams. This glove is designed for protection against minor hand lacerations and abrasions. The 540-98237 coated safety gloves are made of ultra-high molecular weight polyethylene (UHMWPE) fiber, spun with glass, stainless steel and spandex. They offer ANSI Level 4 / EN388 Level 5 Cut Resistance and CPPT = 2,085 grams. It is great for industrial tasks that require protection against hand lacerations.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-42545	Cut Resistant Glove, Level 3, Large, Black/White Color	PK	1
540-98237	Cut Resistant Glove, Level 5, Large, Black & Salt & Pepper Color	PK	1

Nitrile Gloves

Foam control gloves for industrial use that provide a high level of wet and dry grip. Standard in applications where tactile sensitivity is required.



540-1005L

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-1005L	Nitrile Gloves - Large, 1 pair per pack	EA	1

Heavy Duty Work Gloves

Your choice of durable work gloves. Washable, breathable, and durable for everyday use.



540-HU1L

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-HU1L	Heavy Utility Gloves - Large, 1 pair per pack	PK	1

Jackson Safety G40 Latex Coated Gloves

- Breathable cotton back for comfort; Silicone-free
- Crinkled latex coating for excellent grip
- Highest EN388 tear resistance rating; Excellent durability
- Separate right and left gloves in a pair for a snug fit
- Pack of 12 pairs



G-LCM

JACKSON SAFETY Brand

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
G-LCXL	Jackson Safety G40 Latex Coated Gloves, X-Large, 12 pairs per pack	PK	1
G-LC2XL	Jackson Safety G40 Latex Coated Gloves, 2X-Large, 12 pairs per pack	PK	1

Leather Work Gloves

Versatile leather work gloves ideal for many industrial jobs. These leather work gloves offer: wing thumb pattern, continuous pull patch, seamless full leather index finger, leather knuckle strap, leather finger tips with elastic gather on back. Generously sized for a good working fit.



540-2114

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-2114	Leather Glove w/Safety Cuff, 1 pair per pack	EA	12

Jackson Safety G40 Foam Nitrile Coated Gloves

- 25% better productivity than leather, with excellent grip and dexterity for rough tasks
- Maintains the highest EN388 abrasion rating, even after five washes
- Better oil and industrial grease grip (almost 3x better than previous G40 nitrile gloves)
- Seamless knit nylon back for comfort, available in a variety of sizes (ranging from Medium up to 2XL)
- Pack of 12 Pairs



G-NCM

JACKSON SAFETY Brand

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
G-NCM	Jackson Safety G40 Foam Nitrile Coated Gloves, Medium, 12 pairs per pack	PK	1
G-NCL	Jackson Safety G40 Foam Nitrile Coated Gloves, Large, 12 pairs per pack	PK	1
G-NCXL	Jackson Safety G40 Foam Nitrile Coated Gloves, X-Large, 12 pairs per pack	PK	1
G-NC2XL	Jackson Safety G40 Foam Nitrile Coated Gloves, 2X-Large, 12 pairs per pack	PK	1

Box Handler Gloves

Washable, breathable, and durable for everyday use.



540-BH1L

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
540-BH1L	Box Handler Gloves - Large, 1 pair per pack	PK	6

HAND WARMERS

Hand Warmer

Air-activated hand warmers deliver hours of warmth and relief from cold weather. Once the package is opened, an exothermic reaction begins providing an effective defense against the winter cold.



HW-10P

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
HW-10P	Hand Warmer, pack of 10	PK	1

PERSONAL PROTECTION EQUIPMENT

Jackson Safety V30 Nemesis Safety Glasses



SG-NV30CC

JACKSON SAFETY brand

- Feature a sporty, flexible, lightweight design that your employees will be happy to wear; they have a stylish, sporty look and feel
- Meets ANSI Z87.1+ standards for personal eye protection
- Polycarbonate lenses provide 99.9% UVA/UVB/UVC protection
- Patented FLEX-DRY designed to be extremely flexible, to channel sweat away from the eyes, and to help prevent slippage down the nose - all for long-term comfort

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SG-NV30BC	Jackson Safety V30 Nemesis Safety Glasses - Clear Lenses with Black Frame, Case/12	CS	1

DISPOSABLE TOWELS

WypAll® Plus Towels

Absorbs grease, oil, water and solvents from floors, hands, parts, tools and machinery. Tough enough for extra heavy jobs. Comes in a convenient pop-up box of 100 towels.



5-05790

WYPALL brand

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-05790	WypAll® Plus Towels - White, pack of 100	PK	9

Teri® Reinforced Towels

The Teri® reinforced towels feature multi-ply tissue reinforced with nylon webbing for added strength on the job. Made from 100% recycled paper. Towel size is 9-3/4" x 16-3/4". Towel color is white. Comes in a convenient pop up box. 126 towels/box. 10 boxes/case.



5-34790

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-34790	Teri® Reinforced Towels, pack of 126	PK	10

Kimtex® Shop Towels

Long lasting Kimtex® stands up to oils, chemicals and solvents better than ordinary shop towels. Cloth-like feel and performance. Towel size is 9-3/4" x 16-3/4". 100 towels/box. 5 boxes/case.



5-33570

KIMTECH brand

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-33570	Kimtex® Shop Towels, pack of 100	PK	5

DISPOSABLE TOWELS CONT'D

WypAll® X70 Cloths

The economical alternative to scrap rags. Heavy-duty cloths made with high-tech HydroKnit® fast-absorbing material. Durable and tough construction lets them stand up to any task. Can be reused time and time again. Available in white or blue.



5-41455

WYPALL

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-41411	WypAll® X70 Cloths, 9-3/4" x 16-3/4" Blue, pack of 100	PK	10
5-41455	WypAll® X70 Cloths, 9-3/4" x 16-3/4" White, pack of 100	PK	10

WypAll® ShopPro X80 Towels

Like a rental shop towel, only more consistent. Engineered to feel like cloth and work even better. Absorbs more oil and water faster pound for pound than laundered shop towels. The ShopPro X80 is simply the heaviest duty towel in the Kimberly Clark line. 160 towels/box.



5-41041

WYPALL

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
5-41041	WypAll® ShopPro X80 Towels, pack of 160	PK	1

SHOE COVERS

Shoe Covers

Slip these shoe covers on in seconds to protect carpet, tile, or wood from dirt and scuff marks. Customers will appreciate your professional appearance.



SC-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SC-1WP	Waterproof Shoe Covers, pack of 50 pairs	PK	1

SAFETY SUPPLIES

First Aid Kits

10 and 25-unit first aid kits packaged in economy plastic boxes to assist when industrial accidents occur.



FAK-10

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
FAK-10	10-Unit First Aid Kit	EA	1
FAK-25	25-Unit First Aid Kit	EA	1

INSECT KILLERS

Sting Less Wasp & Hornet Killer

Kills wasps, hornets and yellow jackets. Very fast-acting when insects are hit directly. Allow approximately 24 hours for those that were not directly hit. This container delivers a 20-foot jet blast to knock down the insects and allow for the user to remain at a safe distance.



436-20

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
436-20	Sting Less Wasp & Hornet Spray - 14 oz. Aerosol	EA	12

Wasp & Hornet Killer

Enforcer® Wasp & Hornet Killer shoots a 20-foot jet blast for instant knockdown of wasps, hornets, and yellow jackets. Enforcer® Wasp & Yellow Jacket Foam is a 20-foot blast of blanketing foam that plugs yellow jacket holes and clings to wasp and hornet nests, preventing their escape.



8-WH16



8-FWH16

ENFORCER

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
8-WH16	Enforcer Wasp & Hornet Killer - 16 oz. Aerosol	EA	12
8-FWH16	Enforcer Wasp & Yellow Jacket Foam - 16 oz. Aerosol	EA	12

Maintenance Chemical Solution Quick Reference Guide

MasterCare






EQUIPMENT TYPE	TRIPLE-D®	ECO-COIL™	PRO-BROWN™	PRO-BLUE™
Condenser Units	X	X	X	X
No Rinse		X		
Evaporator Units	X	X		
No Rinse	X	X		
Safe On Rubber Roof Tops	X			
Safe On Fan Blades, Grilles, Etc.	X	X		
Safe On Electronic Air Filters	X	X		
Safe On Permanent Filters	X	X		
Microchannel Coils	X	X		
Small Condenser Coils	X	X	X	X
Small Evaporator Coils	X	X		
Mini-Splits	X	X		
APPLICATION SOLUTION				
Brightener			X	X
Condensate “Gunk”	X	X	X	X
Degreasing	X		X	X
Deodorizer	X	X		
Dirt and Grime	X	X	X	X
Disinfectant		USE SANI C-N-D™ COIL AND DRAIN DISINFECTANT		
Heresite Coated Coils		X		
Oxide Deposits			X	X
Remove Minerals				
CHEMICAL TYPE				
Alkaline	X	X	X	X
Acidic				
DILUTION (PRODUCT: H2O)				
Condensers	1:6	1:3	1:3	1:3
Evaporators	1:10	1:6		
Evaporators (No Rinse)	1:20	1:6		
PACKAGING AVAILABLE				
4 Ounce Concentrate	TRIPLE-D-1SHOT			PRO-BLUE-1SHOT
4X Concentrate Quart	TRIPLE-D-4X			PRO-BLUE-4X
19 Ounce Aerosol	TRIPLE-D-AER			PRO-BLUE-AER
1 Quart Trigger Sprayer	TRIPLE-D-RTU			
32 Ounce Bottle				
1 Gallon	TRIPLE-D	ECO-COIL	PRO-BROWN	PRO-BLUE
5 Gallon				
55 Gallon Drum				PRO-BLUE-55
ENVIRONMENTAL				
Biodegradable	X	X	X	X
Meets EPA’s Design for the Environment Alternative Program as Green		X		
FOOD COMPLIANCE				
USDA Approved	X	X		X
NSF Registered	X	X	X	X

Maintenance Chemical Solution Quick Reference Guide CONT'D

MasterCare®






EQUIPMENT TYPE	PRO-GREEN™	PRO-RED PLUS™	PRO-YELLOW™	PRO-KLEEN™
Condenser Units	X	X	X	X
No Rinse	X			
Evaporator Units	X			
No Rinse	X			
Rubber Roof Tops				
Fan Blades, Grilles, Etc.	X			
Electronic Air Filters	X			
Permanent Filters	X			
Microchannel Coils	X			
Small Condenser Coils	X	X	X	X
Small Evaporator Coils	X			
Mini-Splits	X			
APPLICATION SOLUTION				
Brightener		X	X	X
Condensate "Gunk"	X	X	X	X
Degreasing		X	X	X
Deodorizer	X			
Dirt and Grime	X	X	X	X
Disinfectant		USE SANI C-N-D™ COIL AND DRAIN DISINFECTANT		
Heresite Coated Coils				
Oxide Deposits		X	X	X
Remove Minerals				X
CHEMICAL TYPE				
Alkaline	X	X	X	
Acidic				X
DILUTION (PRODUCT: H2O)				
Condensers	1:3	1:3	1:2	1:3
Evaporators	1:3			
Evaporators (No Rinse)	1:3			
PACKAGING AVAILABLE				
4 Ounce Concentrate	PRO-GREEN-1SHOT	PRO-RED-1SHOT		
4X Concentrate Quart	PRO-GREEN-4X	PRO-RED-4X		
19 Ounce Aerosol	PRO-GREEN-AER			
1 Quart Trigger Sprayer				
32 Ounce Bottle				
1 Gallon	PRO-GREEN	PRO-RED+	PRO-YELLOW	PRO-KLEEN
5 Gallon				
55 Gallon Drum				
ENVIRONMENTAL				
Biodegradable	X	X	X	X
Meets EPA's Design for the Environment Alternative Program as Green				
FOOD COMPLIANCE				
USDA Approved	X			
NSF Registered	X	X	X	

COIL CLEANERS

MasterCare® Triple-D® Universal Coil Cleaner



TRIPLE-D

MasterCare® Triple-D® is the ultimate universal coil cleaner that can be used on condensers, evaporators, microchannels, roof-top units, and mini-split applications. The triple active synergistic highly effective solution is formulated to remove a broad range of soils while degreasing and deodorizing. It is ideal for cleaning most metals including aluminum and copper while extending equipment life and diminishing the potential for refrigerant leaks. Using 75% less than comparable products, it reduces the amount of solution needed to clean. Triple-D® is biodegradable, NSF approved and available in a variety of packaging configurations.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
TRIPLE-D	MasterCare® Triple-D® - 1 Gallon Concentrate	EA	4
TRIPLE-D-AER	MasterCare® Triple-D® - 19 oz. Aerosol	EA	12
TRIPLE-D-AER-6	MasterCare® Triple-D® - 19 oz. Aerosol, 6 Pack	EA	6
TRIPLE-D-4X	MasterCare® Triple-D® - 4x Concentrate	EA	12
TRIPLE-D-1SHOT	MasterCare® Triple-D® - 4 oz. Concentrate	EA	14
TRIPLE-D-RTU	MasterCare® Triple-D® - 1 Qt. Pre-Mixed Sprayer	EA	12

Eco-Coil™ Environmentally Friendly Coil Cleaner



ECO-COIL

Eco-Coil™ is an environmentally friendly no rinse non-corrosive cleaner ideal for evaporator and condenser coils, electronic and permanent filters, fan blades, grilles, mini-split and microchannel applications. Eco-Coil quickly cleans away dirt, dust, and deposits while deodorizing with no harmful risks to animal, aquatic or plant life. Tested to provide the highest level of performance, Eco-Coil not only reduces the number of products required to clean but also has different water mixture ratios to maximize solution usage. Furthermore, it brightens, biodegradable, NSF approved, and meets the EPA's Design for the Environment Alternative Program as a "green" product.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ECO-COIL	Eco-Coil™ Environmentally Friendly Coil Cleaner - 1 Gallon Container	EA	4

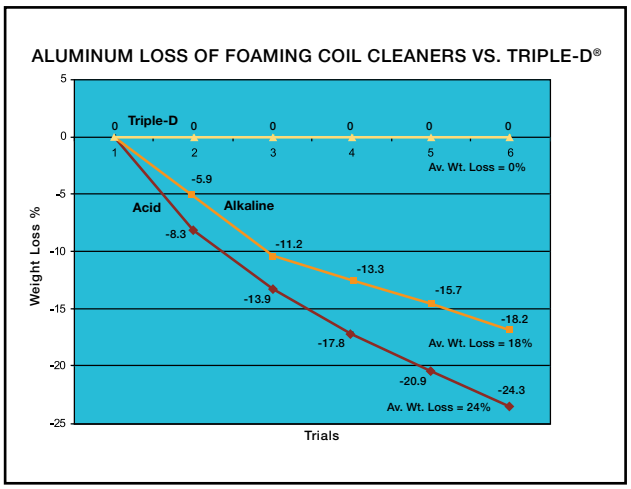
MasterCare® Pro-Brown™



PRO-BROWN

MasterCare® Pro-Brown™ is a heavy duty alkaline cleaner that pulls out deeply embedded dirt removing greasy soils and oxidation while brightening and cleaning coils. Ideal for air-cooled condensers and mini-splits thanks to its dual action foaming capabilities. It is biodegradable.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PRO-BROWN	MasterCare® Pro-Brown™ Foaming Coil Cleaner - 1 Gallon Container	EA	4



Conventional foaming acid and non-acid coil cleaners attack and chemically react with the aluminum coil components. This reaction is exhibited by a foaming action. The attack/reaction dissolves the aluminum, destroying the heat-transfer ability of the coil and creating the potential for refrigerant leaks.

MasterCare® Pro-Blue™



PRO-BLUE

MasterCare® Pro-Blue™ is a heavy foaming alkaline-based solution designed for condensers and mini-splits that penetrates dirt and grease removing deposits resulting in clean and brightened coils. Pro-Blue is biodegradable, NSF approved, and available in numerous packaging configurations.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PRO-BLUE	MasterCare® Pro-Blue™ Foaming Concentrate (non-acid) - 1 gallon container	EA	4
PRO-BLUE-AER	MasterCare® Pro-Blue™ - 19 oz. Aerosol	EA	6
PRO-BLUE-4X	MasterCare® Pro-Blue™ - 4x Concentrate	EA	12
PRO-BLUE-1SHOT	MasterCare® Pro-Blue™ - 4 oz. Concentrate	EA	14
PRO-BLUE-55	MasterCare® Pro-Blue™ - 55 Gallon Drum	EA	1

MasterCare® Pro-Green™



PRO-GREEN

MasterCare® Pro-Green™ is a no rinse, mild alkaline coil cleaner that can be used on air-cooled condensers, evaporators, electronic and permanent filters, fan blades, grilles, mini-split and microchannel applications. Pro-Green cleans deposits on coils and rids condensate pans of slime. It is NSF approved for use in federally inspected plants and available in numerous packaging configurations.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PRO-GREEN	MasterCare® Pro-Green™ No Rinse - 1 Gallon Container	EA	4
PRO-GREEN-AER	MasterCare® Pro-Green™ - 19 oz. Aerosol	EA	6
PRO-GREEN-4X	MasterCare® Pro-Green™ - 4x Concentrate	EA	12
PRO-GREEN-1SHOT	MasterCare® Pro-Green™ - 4 oz. Concentrate	EA	14

COIL CLEANERS CONT'D

MasterCare® Pro-Red Plus™



PRO-RED+

MasterCare® Pro-Red Plus™ is a fast acting cleaning solution for condensers, microchannels, and mini-splits that foams and lifts away stubborn deposits including tarnish and corrosion. Its corrosion inhibitors protect even sensitive metals like aluminum and copper. Its non-acid formula is as effective as conventional acid cleaners without the use of hydrofluoric acid. The vigorous foaming action eliminates the need for prolonged soaking, steam cleaning or scrubbing coils and without emitting corrosive fumes or rusting ferrous metals. Pro-Red Plus™ is biodegradable, NSF approved, and available in a number of convenient packaging solutions.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PRO-RED+	MasterCare® Pro-Red Plus™ Cleaner and Brightener (non-acid) - 1 Gallon container	EA	4
PRO-RED-4X	MasterCare® Pro-Red Plus™ - 4x Concentrate	EA	12
PRO-RED-1SHOT	MasterCare® Pro-Red Plus™ - 4 oz. Concentrate	EA	14
PRO-RED+5	MasterCare® Pro-Red Plus™ - 5 Gallon Pail	EA	1

Coil Guard™



CG-AER

Ideally used in coastal areas, where salt air accelerates rust and decay. Highly recommended for use in all geographical areas to prolong the life of a unit. When applied properly, Coil Guard™ dries quickly and immediately resists salt spray, acids, and soap solutions. Weather will not blacken it. Coil Guard™ has high dielectric properties and has no effect on heat transfer. Our blue tinted product is used to ensure complete coverage of coating.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CG-AER	Clear Coil Guard™ - 20 oz. Aerosol	EA	12
CGB-AER	Blue Coil Guard™ - 20 oz. Aerosol	EA	12

Foam-Plus™ Aerosol Foaming Coil Cleaner



358-20

Heavy-duty foaming detergent coil cleaner in an aerosol can. Non-flammable and water-based with no chlorinated solvents. Blasting foam stream reaches into tight areas for maximum cleaning. The foaming alkaline detergent quickly liquifies dirt, grease, oil or other residue and is completely self-rinsing on condensate producing coils.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
358-20	Foam-Plus™ Foaming Coil Cleaner - 19 oz.	EA	12

MasterCare® Pro-Yellow™



PRO-YELLOW

MasterCare® Pro-Yellow™ is a powerful cleaner ideal for condensers, microchannels, and mini-splits that targets large concentrations of dirt and grime. With its heavy foaming alkaline-based solution, debris will be removed from the coil while providing excellent brightening. Pro-Yellow is biodegradable and available in a number of packaging solutions.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PRO-YELLOW	MasterCare® Pro-Yellow™ (non-toxic) - 1 Gallon Container	EA	4

MasterCare® Pro-Kleen™



PRO-KLEEN

A unique foaming acid coil cleaner designed to replace hazardous hydrofluoric acid coil cleaners. It contains a synergistic combination of mineral acids, corrosion inhibitors, biodegradable surfactants, penetrants, and degreasers that emulsify, solubilize and neutralize soils leaving a clean, bright, efficient coil surface.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PRO-KLEEN	MasterCare® Pro-Kleen™ Outdoor Coil Cleaner - 1 Gallon container	EA	4

Pan-Patch™



PANPATCH-BAG

Pan-Patch™ is a two part epoxy coating designed for HVAC applications. It is a self leveling formula that is ideal in a damp or wet environment. Pan-Patch™ resists corrosion and stops pan leaks without replacing the pan. Light gray in color, one gallon covers about 160 square feet with 10 mil thickness.

CATALOG NO.	DESCRIPTION	COVERAGE	UOM	ORDER MUL.
PAN-PATCH-BAG	Pan-Patch™ Pan Sealant - Bag, pack of 10	8 sq. ft.	EA	10
PANPATCH	Pan-Patch™ Pan Sealant - 1 Gallon	160 sq. ft.	EA	4

Cool-Weld™ Heat Barrier Spray



COOLWELD-32

Spray on thick gel formula that protects surfaces from heat and damage. Odorless, non-toxic gel coats rubber, plastic, and painted surfaces to shield them during welding or soldering.

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
COOL-WELD-32	Cool-Weld™ Heat Barrier Spray - 32 oz. Container	EA	12

COIL CLEANERS CONT'D

SpeedClean® SpeedyFoam®

Foaming, non-acid, non-fuming, and water soluble. SpeedyFoam cleaner and degreaser removes grime, oil, and grease from condenser and evaporator coils, mechanical equipment, and air filters. Non-caustic and safe for all metals, including aluminum.



SC-FCC-1



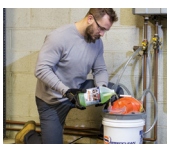
CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SC-FCC-1	SpeedClean® SpeedyFoam® Coil Cleaner, 1 Gallon	EA	4
SC-FCC-5	SpeedClean® SpeedyFoam® Coil Cleaner, 5 Gal. Pail	EA	1

SpeedClean® SpeedyBright®

Scientifically formulated to dissolve all types of limescale, rust, and calcium carbonate deposits from water passages and heating elements. SpeedyBright improves operating efficiency in tankless water heaters, gas/electric water heaters, and other water heating/heat exchange systems. Extend the usable life of cleaned equipment by quickly and safely removing energy robbing contaminants. Phosphoric acid based cleaner classified by UL to NSF/ANSI Standard 60.



SPDYBRT-CS



CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SPDYBRT-CS	SpeedClean® SpeedyBright® Cleaner, 2 x .5 Gallon	EA	2
SPDY-BRT-05	SpeedClean® SpeedyBright® Cleaner, 5 Gallon Pail	EA	1

SYSTEM FLUSHES

Pro-Flush® HVAC Flushing Solvent

A flushing solvent for A/C and refrigeration systems formulated for R410A retrofits, refrigerant conversions and compressor burnouts. Compatible with all refrigerants and compressor oils. All solvents in Pro-Flush® conform to EPA SNAP standards, and are low toxicity and residue free. Available as a kit or in an 8 or 16 oz. solvent refill. The kit makes servicing quick, easy, and safe, as well as assuring you get to the job site with all necessary hardware in hand for 1 stop servicing. The kit includes: 8 oz. container of Pro-Flush® solvent, refillable Pro-Flush® injector tool pressure tank, pressure relief valve for added safety, large rubber adapter that flushes up to 1-1/4" line sets, service hose.



PF-KIT

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PF-KIT	Pro-Flush® Kit - injector, 8 oz. refill, nozzle adapter and hose	EA	3
PF-08	Pro-Flush® HVAC Flushing Solvent - 8 oz. Refill	EA	6
PF-16	Pro-Flush® HVAC Flushing Solvent - 16 oz. Refill	EA	6
PF-ADAPTER	Pro-Flush® Line Set Adapter	EA	1
PF-IGUN	Replacement Injector Tool	EA	1
PF-IHOSE	2" Replacement Hose	EA	1

Pro-Flush® Aerosol

Pro-Flush® Aerosol is the most powerful lineset flush in the industry with more than 140+ PSI. Pro-Flush Aerosol is designed to be a powerful but safe solvent that removes sludge, carbon residues, oils, acids, moisture and particulates from condensers, evaporators, and linesets. Pro-Flush® is a flushing solvent for air conditioning and refrigeration systems, and is formulated for R-410A retrofits, refrigerant conversions and compressor burnouts for systems up to 7 tons. Pro-Flush® is compatible with CFC, HFC and HFO's refrigerants and compressor oils.



PF-AER-16

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PF-AER-16	HVAC Flushing Aerosol Solvent, 1lb. Refill	EA	
PF-AER-32	HVAC Flushing Aerosol Solvent, 2lb Refill	EA	

Pro-Flush® Aerosol Kit

Pro-Flush® Aerosol Kit (PF-AER-KIT) offers enough power to clean, retrofit and change out systems up to 7 tons. Each kit comes with 16 ounce flush aerosol, service hose, aerosol actuator valve, and flush gun. Pro-Flush Lineset System Flush Kit is the industry's all in one solution for cleaning up HVACR systems after burnouts, before refrigeration conversions, and new system/component installations. Pro-Flush® Aerosol is designed to be a powerful but safe solvent that removes sludge, carbon residues, oils, acids, moisture and particulates from condensers, evaporators, and linesets. Pro-Flush® is a flushing solvent for air conditioning and refrigeration systems, and is formulated for R-410A retrofits, refrigerant conversions and compressor burnouts. Pro-Flush® is compatible with CFC, HFC and HFO's refrigerants and compressor oils.



PF-AER-KIT

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PF-AER-KIT	HVAC Aerosol Flushing Kit	EA	

SYSTEM FLUSHES CONT'D

MasterCare® Super Change™

Super Change eliminates oil change outs replacing R22 line set conversion flushes. Ideal for dry charged units, retrofits, and drop-in refrigerants, Super Change maximizes oil return and heat transfer including POE charged compressors. Reusable hose (20122) included. Also available in flexible injectable hose (991-MC).



991-MC

MasterCare

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
981	MasterCare® Super Change™ Refrigerant Retrofit	EA	6
991-MC	MasterCare® Super Change™ Refrigerant Retrofit, Hose	EA	4

LEAK DETECTION

Bubble-N-Trouble™ Freeze Protected Spray-On Leak Detector

Non-corrosive, non-toxic, and biodegradable. Does not attack metal or interfere with brazing or soldering. Spray-on application allows easy access for hard to reach places. Tacking agent holds solution on test surface making Bubble-N-Trouble™ very economical. USDA AUTHORIZED



BNT-32

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
BNT-32	Bubble-N-Trouble™ Freeze Protected Leak Detector - 32 oz. Spray	EA	12
BNT-1	Bubble-N-Trouble™ Freeze Protected Leak Detector - 1 Gallon Container	EA	4

Radiant Leak Finder™

Radiant color and viscous clinging formula exposes the smallest leaks. Freeze-protected – remains effective down to 0° F.



RLF-8

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
RLF-8	Radiant Leak Finder™ - 8 oz. Container	EA	12

UV Pocket Light

UV Pocket Light with 3 AAA batteries included. A great light to pair with 995 Flex Inject® Sealant and 990 Flash™ Detect Inject.



89DC

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
89DC	UV Pocket Light	EA	12

MasterCare® Pro-Bubble™ Leak Detector

Easy-to-use, high-bubbling, viscoelastic blue leak detector. New improved formula.



PRO-BUBBLE-32

MasterCare

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
PRO-BUBBLE-32	MasterCare® Pro-Bubble™ Leak Detector - 32 oz. Spray	EA	12

MasterCare® LeakArmor™ UV Dye

MasterCare® LeakArmor™ UV Dye is an integrated UV dye solution that injects without the use of tools or manifold gauges. LeakArmor UV Dye travels with the speed of the refrigerant once installed, finding leaks within minutes. Using a patented misting orifice, LeakArmor UV Dye uses the refrigerant as the propellant, ensuring a no-mess injection every time. Can be used with all HFC refrigerants.



990

MasterCare

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
980	MasterCare® LeakArmor™ UV Dye	EA	12
990	MasterCare® LeakArmor™ UV Dye, Hose	EA	6

Patriot Pocket Worklight

A three light integrated rechargeable system that includes a red top light (30 lumens), 250 lumen front light, and a 390-400nm wavelength UV light. Patriot charger sold separately (111110A).



111110 111110A

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
111110	Patriot Worklight	EA	6
111110A	Patriot Worklight Charger	EA	6

AC SEALANTS

MasterCare® LeakArmor™ Easy Shot™ with UV Dye

MasterCare® LeakArmor™ Easy Shot™ with UV dye eliminates moisture, finds and stops leaks, and prevents future leaks. Fast and easy to install; requires no pump down or recovery. Compatible with all oils and refrigerants and ideal for all systems including microchannel, heat pump and geothermal. Kit includes hose and sealant for medium systems between up to 6 tons. 2 oz. vacuum packed can.



972KIT

MasterCare

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
972KIT	MasterCare® LeakArmor™ Easy Shot™ with UV Dye	EA	12

MasterCare® LeakArmor™ Flex Shot™

MasterCare® LeakArmor™ Flex Shot™ hoses and inject adapters are the fastest, most effective proven way to permanently seal and prevent minor air conditioning and refrigeration (AC/R) leaks. With no tools or gauges required, the Flex Shot sealant works by traveling through the system in the gas phase with the oil and refrigerant fixing leaks immediately. Flex Shot works with all compressors, heat pumps, condensers, and other system components with 1/4" SAE high- and low-side service ports. It will not plug up manifold gauges, metering devices, thermostatic expansion valves (TXVs), pistons or cause cap tube blockages. It meets the ASHRAE ARI 700 refrigerant standard and is compatible with any refrigerant including R-410A with no pump downs or recoveries required. Flex Shot is suitable for use in aluminum and copper coils and is microchannel friendly. 0.3 oz single use hose.



985



995

MasterCare

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
985	MasterCare® LeakArmor™ Leak Sealant, Hose w/Inject Adapters Attached	EA	6
985S-MC	MasterCare® LeakArmor™ Leak Sealant, Hose	EA	6
985M-MC	MasterCare® LeakArmor™ Leak Sealant, 4 Hoses	EA	4
995	MasterCare® LeakArmor™ Leak Sealant with UV Dye, Hose w/Inject Adapters Attached	EA	6
995S-MC	MasterCare® LeakArmor™ Leak Sealant with UV Dye, Hose	EA	6
995M-MC	MasterCare® LeakArmor™ Leak Sealant with UV Dye, 4 Hoses	EA	4
IA-MC	MasterCare™ LeakArmor™ FlexShot™ Inject Adapters	EA	6

MasterCare® LeakArmor™ Easy Shot™

MasterCare® LeakArmor™ Easy Shot™ eliminates moisture, stops leaks, and prevents future leaks. Fast and easy to install; requires no pump down or recovery. Compatible with all oils and refrigerants and ideal for all systems including microchannel, heat pump and geothermal. Kit includes hose and sealant for medium systems up to 12 tons. 2 oz. vacuum packed can.



944KIT

MasterCare

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
944KIT	MasterCare® LeakArmor™ Easy Shot™	EA	12

Pro-Tite™ Resin Based Thread Sealant

Resin based thread sealant that adheres to internal surfaces, fills voids while forming a flexible fluid tight seal. Specifically formulated for use on metals and plastics subject to extreme vibration. Serviceable at temperatures from 100°F (73°C) to 400°F (204°C) and from full vacuum to 10,000 PSI. Pro-Tite™ is impervious to most chemicals including refrigerants, petroleum products, gases, steam, etc. Alcohol based.



CLL-1

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
CLL-1	Pro-Tite™ Thread Sealant - 1-1/3 oz. Squeeze Tube	EA	12
CLL-4	Pro-Tite™ Thread Sealant - 4 oz. Brush Top	EA	12

SYSTEM ADDITIVES

Acid Eliminator

Keeps acid away; compatible with all refrigerants and oils. Chemically neutralizes and prevents acids that are formed in air conditioning and refrigeration systems due to refrigerant and refrigeration oil break-down, moisture, and compressor burnout. Easy-to-use, no complicated charts. Works fast, circulates quickly, and leaves no solids or solid residuals. Will not harm system components. Can prevent system breakdown.



ACID-ELIM

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ACID-ELIM	Acid Eliminator - 4 oz. Plastic Bottle	EA	12

MasterCare® Boost Juice® Performance Enhancer

MasterCare® Boost Juice® is an HVAC/R system performance improvement additive that lowers energy costs by reducing the amperage draw up to 22% (testing average of 13%) on a system when running. It does this by lubricating the components, removing moisture and oxygen, and dissolving particle debris to a molecular level. This debris is captured in the liquid line drier reducing drag and friction for the refrigerant and oil. By using Boost Juice, your customers can expect to see noticeable improvements in system performance typically within 24 to 72 hours (depending on the state of the system – new versus old) with consistent performance. Noise levels will also be reduced once Boost Juice is installed providing a long-term benefit to your customers.



992-MC

MasterCare

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
992-MC	MasterCare® Boost Juice® Performance Enhancer	EA	4
993KIT	MasterCare® Boost Juice® Performance Enhancer Kit	EA	6

MasterCare® D'Scale™ Acid Scale Remover for Cooling Towers

MasterCare® D'Scale™ is a low-foaming scale remover that quickly removes scale, corrosion and rust from cooling towers. D'Scale™ has pH indicating dye. The color changes to yellow when acid has been consumed. Each gallon dissolves 3 pounds of scale.



D-SCALE

MasterCare

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
D-SCALE	MasterCare® D'Scale™ Acid Scale Remover - 1 Gallon Container	EA	4

Acid Test Kit™

Detects acid in refrigeration oil. Convenient, one-step test means no chemicals to mix. Easy to evaluate. Color change indicates acidity; color intensity reveals the amount of acid present in the oil sample.



ATK-4



ATK-1



ATK-1P

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
ATK-4	Acid Test Kit™, pack of 4	EA	4
ATK-1	Acid Test Kit™	EA	1
ATK-1P	Acid Test Kit™ for POE Oil	EA	1

MasterCare® Super-Kool™ Nickel-Safe and Metal-Safe Ice Machine Cleaner

An economical, fast-acting, non-foaming acid sequestrant formula that quickly removes soil and mineral buildup. This safe, highly-concentrated, inhibited formula will not attack nickel or other metal components. USDA AUTHORIZED



SUPER-KOOL

MasterCare

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SUPER-KOOL-16	MasterCare® Super-Kool™ Ice Machine Cleaner - 16 oz. Bottle	EA	12
SUPER-KOOL	MasterCare® Super-Kool™ Ice Machine Cleaner - 1 Gallon Container	EA	4

Pro-Lube-VAC™ Vacuum Pump Oil

VP-68 Premium Vacuum Pump Oil is now based on a highly refined paraffinic based stock. This new improved formulation is lighter in color and provides better viscosity and oxidation stability than the previous formulation. VP-68 provides excellent cold start performance; formulated to meet minimum moisture content specifications.



VP68-01

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
VP68-32	Pro-Lube-VAC™ Vacuum Pump Oil - 1 Quart Jug	EA	12
VP68-01	Pro-Lube-VAC™ Vacuum Pump Oil - 1 Gallon Jug	EA	4

DEODORIZERS

Duct-Fresh™ Gel

A non-toxic, super-effective odor neutralizer for HVAC ducts, proficient at destroying stubborn odors including pet, smoke, and musty smells in residential, industrial and commercial applications. Effective for up to 6 months.



DUCT-FRESH-8

Master Care

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DUCT-FRESH-8	Duct-Fresh™ Gel - 8 oz.	EA	12
DUCT-FRESH-16	Duct-Fresh™ Gel - 16 oz.	EA	8
DUCT-FRESH-40	Duct-Fresh™ Gel - 40 oz.	EA	8

Duct-Fresh™ Spray

A non-toxic, instantaneous, super-effective odor neutralizer for HVAC ducts. Destroys stubborn pet odors, smoke, and musty smells in residential, industrial and commercial applications. Great for spot-treating malodor problem areas.



DUCT-FRESH-32

Master Care

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
DUCT-FRESH-32	Duct-Fresh™ Spray - 1 Quart	EA	12

Odor-Aid™

Cleans and deodorizes with an easy pump spray. Eliminates offensive odors from coils and ducts.



171AIR

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
171AIR	Odor-Aid™ - 7 oz. Bottle with Spray Top	EA	12

DISINFECTANTS

Sani C-N-D™ Coil and Drain Pan Disinfectant

EPA REGISTERED

Sani C-N-D™ is an EPA registered disinfectant, fungicide, mildewstat and viricide. It is ready-to-use and assures consistent, effective results. Sani C-N-D™ destroys "dirty sock," mildew and other malodors.



SANI-CND

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
SANI-CND-32	Sani C-N-D™ Disinfectant - 32 oz. Container	EA	12
SANI-CND	Sani C-N-D™ Disinfectant - 1 Gal. Container	EA	4
SANI-CND-5	Sani C-N-D™ Disinfectant - 5 Gallon Pail	EA	1

DRAIN PAN REPAIR

Pan-Kote Heavy Duty Drain Pan Patch

A super-durable rubberized coating used to fill-in and patch HVAC drain pans. Seals out rust and corrosion. Stays flexible in variable weather conditions.



641-14

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
641-14	Pan-Kote Drain Pan Patch - 14 oz. Aerosol	EA	12

COIL PROTECTANT

Pro-Lube-POE™ Polyolester

Pro-Lube POE is custom formulated for use in refrigeration compressors. This specialty lubricant is compatible with new HFC refrigerants as well as CFC and HCFC refrigerants.



POE32-32

CATALOG NO.	DESCRIPTION	UOM	ORDER MUL.
POE32-32	SUS150 ISO32 Pro-Lube-POE™ Polyolester - 1 Quart Can	EA	12

GLYCOLS

DiversiTech produces a complete line of industrial coolant and heat transfer products in the HVAC/R Industry. Our product line includes ProTek PG propylene glycol products formulated with food-grade corrosion inhibitors and ProTek EG ethylene glycol products for industrial applications. Both product groups are designed to provide freeze and burst protection and are formulated with inhibitors and antifoam agents to provide long-term stability against system corrosion and fouling.

ProTek EG™

An inhibited ethylene glycol based heat transfer fluid designed for use in hydronic, chilled and closed water.



EG

CATALOG NO.	DESCRIPTION	GYCOL/WATER RATIO	UOM	ORDER MUL.
EG	ProTek EG™ - 1 Gallon Jug	95/5	EA	4
EG-5	ProTek EG™ - 5 Gallon Pail	95/5	EA	1
EG-55	ProTek EG™ - 55 Gallon Drum	95/5	EA	1

ProTek PG 100™

ProTek 100™ is an inhibited propylene glycol based industrial heat transfer fluid and antifreeze that contains food grade corrosion inhibitors. It is suitable for use in potable water systems. ProTek 100™ is designed to provide freeze and burst protection, excellent thermal conductance, protection against corrosion and fouling and long term stability in closed recirculating water loops. ProTek 100™ provides burst protection to 100°F. Freeze points and burst points are controlled by the propylene glycol to water ratio.



PG-100

CATALOG NO.	DESCRIPTION	GYCOL/WATER RATIO	UOM	ORDER MUL.
PG-100	ProTek-100™ - 1 Gallon Jug	70/30	EA	4
PG-100-5	ProTek-100™ - 5 Gallon Pail	70/30	EA	1
PG-100-55	ProTek-100™ - 55 Gallon Drum	70/30	EA	1

ProTek PG Plus™

ProTek PG PLUS™ is an inhibited propylene glycol based industrial heat transfer fluid and anti freeze that contains food grade corrosion inhibitors. It is suitable for use in potable water systems. ProTek PG PLUS™ is designed to provide freeze and burst protection, excellent thermal conductance, protection against corrosion and fouling and long term stability in closed recirculating water loops. ProTek PG PLUS™ must be mixed with water to provide freeze and burst protection. Freeze points and burst points are controlled by the propylene glycol to water ratio.



PG-PLUS

CATALOG NO.	DESCRIPTION	GYCOL/WATER RATIO	UOM	ORDER MUL.
PG-PLUS	ProTek-Plus™ - 1 Gallon Jug	95/5	EA	4
PG-PLUS-5	ProTek-Plus™ - 5 Gallon Pail	95/5	EA	1
PG-PLUS-55	ProTek-Plus™ - 55 Gallon Drum	95/5	EA	1

INDOOR AIR QUALITY



INDOOR AIR QUALITY - RESIDENTIAL

Coil and Airstream Disinfection	514-515
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Commercial Coil and Airstream Disinfection	518

COIL AND AIRSTREAM DISINFECTION

APCO®-X ULTRA



TUV-APCOX-U

APCO-X ULTRA Air Treatment System reduces indoor air pollution and extends the life of HVAC systems, continuously treating the air in the entire home. It includes a polycarbonate housing and real-time LED lamp monitoring and lamp life timer. APCO-X ULTRA boasts a non-ozone 3-year UVC lamp and lifetime EverCarbon™ catalyst for even more disinfecting power. 24V operation and includes a 120/208/240 VAC 40VA Packard transformer. UL 2998 validated for zero ozone emissions.

CATALOG NO.	ELECTRICAL	UV LAMP	LAMP LIFE	UOM	ORDER MUL.
TUV-APCOX-U	18-32 VAC	TUVL-315	3 Years	EA	1
TUV-APCOX-UD (Dual System)	18-32 VAC	TUVL-315 (2)	3 Years	EA	1

APCO®-X



TUV-APCOX-ER3

APCO-X is the result of more than a decade of development and is our most advanced indoor air treatment system and is 30% more effective than our original APCO. It combines UVC light with our EverCarbon™ catalyst to safely & effectively neutralize odor-causing VOCs and biological contaminants. It not only treats the air but also helps keep the HVAC system clean and efficient and extend it's life. Dual systems include a second remote-mounted UV light typically mounted at the coil. Validated to UL 2998 for zero ozone. Includes lifetime warranty.

CATALOG NO.	ELECTRICAL	UV LAMP	LAMP LIFE	UOM	ORDER MUL.
TUV-APCOX-ER3	18-32 VAC	TUVL-315	3 Years	EA	1
TUV-APCOX-DER3 (Dual System)	18-32 VAC	TUVL-315 (2)	3 Years	EA	1
TUV-APCOX-SI3-P	110-277 VAC	TUVL-315	3 Years	EA	1
TUV-APCOX-DI3-P (Dual System)	110-277 VAC	TUVL-315 (2)	3 Years	EA	1

AKTIV8®



TUV-AKT8-ER2

AKTIV8 is designed to actively treat the air in the home or building using a patent-pending process to neutralize viruses, bacteria, mold, odors and VOCs. The unique UVC/UVV lamp in AKTIV8 combines two types of glass which emit specific UV wavelengths (90% germicidal and 10% oxidizing) in a single UV lamp, delivering both the power of oxidation for odor and VOC control and the benefits of germicidal light for neutralizing mold and germs.

CATALOG NO.	ELECTRICAL	UV LAMP	LAMP LIFE	UOM	ORDER MUL.
TUV-AKT8-ER2	18-32 VAC	TUVL-211-OS-N9	2 Years	EA	1
TUV-AKT8-DER2 (Dual)	18-32 VAC	TUVL-211-OS-N9 TUVL-211P	2 Years	EA	1

APCO-ONE®

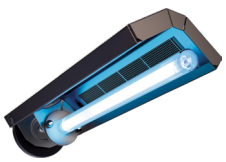


TUV-APCO-ONE

The APCO-ONE system is designed to improve air quality and HVAC equipment performance and efficiency. Same great technology from the APCO family of products, now with polycarbonate housing and real-time LED lamp monitoring and lamp life timer. With its advanced non-ozone 2-year UVC lamp and lifetime EverCarbon™ catalyst, APCO-ONE helps maintain a healthy HVAC system while neutralizing microorganisms that would otherwise recirculate throughout the home or building. 24V operation and includes a 120/208/240 VAC 40VA Packard transformer. UL 2998 validated for zero ozone emissions.

CATALOG NO.	ELECTRICAL	UV LAMP	LAMP LIFE	UOM	ORDER MUL.
TUV-APCO-ONE	18-32 VAC	TUVL-315	2 Years	EA	1

APCO®-X MAG



TUV-APCOX-MAG15-ER3

APCO-X MAG combines UVC light combines UVC light with our EverCarbon™ catalyst to safely & effectively neutralize odor-causing VOCs and biological contaminants. It features a 110 lb. rubber coated antivibration magnet for mounting inside air system. It not only treats the air but also helps keep the HVAC system clean and efficient and extend it's life. Dual systems include a second remote-mounted UV light typically mounted at the coil. Validated to UL 2998 for zero ozone. Includes lifetime warranty.

CATALOG NO.	ELECTRICAL	UV LAMP	LAMP LIFE	UOM	ORDER MUL.
TUV-APCOX-MAG15-ER3	18-32 VAC	TUVL-315	3 Years	EA	1
TUV-APCOX-MAG15-ST3	110-277 VAC	TUVL-315	3 Years	EA	1
TUV-APCOX-MAG15-DT3 (Dual System)	110-277 VAC	TUVL-315 (2)	3 Years	EA	1
TUV-APCOX-MAG11-ER3	18-32 VAC	TUVL-315	3 Years	EA	1
TUV-APCOX-MAG11-ST3	110-277 VAC	TUVL-315	3 Years	EA	1

APCO® MAG



TUV-APCO-MAG15-ER2

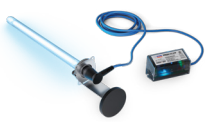
APCO MAG is designed for internal mounting using a magnet (or screws) and is available with either a 15" lamp (6 cells) or 11" lamp (4 cells). Validated to UL2998 for zero ozone. Includes lifetime warranty.

CATALOG NO.	ELECTRICAL	UV LAMP	LAMP LIFE	UOM	ORDER MUL.
TUV-APCO-MAG15-ER2	18-32 VAC	TUVL-215P	2 Years	EA	1
TUV-APCO-MAG11-ER2	18-32 VAC	TUVL-211P	2 Years	EA	1

COIL AND AIRSTREAM DISINFECTION CONT'D

Blue-Tube UV-X®

Blue-Tube UV-X is our most advanced HVAC UV light yet, with 3-year lamp life and an improved electronic power supply. It features a 110 lb. rubber coated antivibration magnet for mounting inside air system. It's the simple, safe, and effective way to keep the HVAC system clean and improve indoor air quality. The powerful UVC light neutralizes germs continuously and is known for its reliability, ease of installation, innovative features and quality components. Validated to UL 2998 for zero ozone. Includes lifetime warranty.



TUV-BTX-ER3

CATALOG NO.	ELECTRICAL	UV LAMP	LAMP LIFE	UOM	ORDER MUL.
TUV-BTX-ER3	18-32 VAC	TUVL-315	3 Years	EA	1
TUV-BTX-ST3	110-277 VAC	TUVL-315	3 Years	EA	1

Blue-Tube UV®

Blue-Tube UV is the single most popular germicidal UV light product for HVAC systems in the world. Home owners breathe easy knowing that the air their family breathes is protected by this proven technology. Blue-Tube UV is the simple, safe, and effective way to keep your air system clean and improve indoor air quality. Validated to UL2998 for zero ozone. Includes lifetime warranty.



TUV-BT-ER2

CATALOG NO.	ELECTRICAL	UV LAMP	LAMP LIFE	UOM	ORDER MUL.
TUV-BT-ER	18-32 VAC	TUVL-115P	1 Year	EA	1
TUV-BT-ER2	18-32 VAC	TUVL-215P	2 Years	EA	1
TUV-ST-ER	110-277 VAC	TUVL-115P	1 Year	EA	1
TUV-ST-ER2	110-277 VAC	TUVL-215P	2 Years	EA	1

DUCTLESS MINI-SPLIT

Mini UV LED™

Mini UV LED is the first-of-its-kind UV light LED system for mini-splits and similar limited space applications. Like all A/C systems, mini-splits are prone to internal mold growth and microbial contamination, particularly on and near the blower wheel. The replaceable 5-year LED light strip in is designed to keep surfaces clean while having no impact on plastic materials. Validated to UL 2998 for zero ozone. Includes 5 year warranty.



TUV-MINI-LED-SW

CATALOG NO.	ELECTRICAL	LED LIFE	UOM	ORDER MUL.
TUV-MINI-LED-SW	110-277 VAC	5 Years	EA	1



Mini UV LED in Mini-Split

AHU Series 1™

The AHU Series 1 germicidal UV light system is installed in the central air system where it neutralizes mold, viruses and bacteria. It also suppresses mold growth on the cooling coils and surrounding areas while generally improving indoor air quality throughout the home. It features a water-tight commercial grade power supply and is available in single & dual lamp configurations for comprehensive UV light disinfection. Validated to UL2998 for zero ozone. Includes lifetime warranty.



TUV-200D-I

CATALOG NO.	ELECTRICAL	UV LAMP	LAMP LIFE	UOM	ORDER MUL.
TUV-100S-I	110-277 VAC	TUVL-115P	1 Year	EA	1
TUV-100D-I (Dual System)	110-277 VAC	TUVL-115P	1 Year	EA	1
TUV-200S-I	110-277 VAC	TUVL-215P	2 Years	EA	1
TUV-200D-I (Dual System)	110-277 VAC	TUVL-215P	2 Years	EA	1

FILTRATION ENHANCEMENT IONIZATION

ENHANCE-ION™

ENHANCE-ION is installed inside the air system to improve indoor air quality. ENHANCE-ION enhances the ability of the HVAC filter to capture airborne contaminants and pollutants such as PM2.5 (fine particulate matter less than 2.5 microns in diameter), as well as airborne contaminants and pollutants effectively turning a standard filter into a high-efficiency filter. In laboratory tests, ENHANCE-ION increases capture efficiency by up to 30%. Includes a 3 year warranty.



TUV-BIPO-ER

CATALOG NO.	ELECTRICAL	DIMENSIONS	UOM	ORDER MUL.
TUV-BIPO-ER	18-32 VAC	5"L x 3.1"H x 1.9"D	EA	1

AIR FILTRATION

Purity Low Profile™ (PLP)

PLP offers high-efficiency polarized filtration with low static pressure which provides continuous (multiple pass) high-efficiency filtration. Validated to UL2998 for zero ozone. Includes lifetime warranty.



TUV-PLP-20X20NB

CATALOG NO.	SIZE	ELECTRICAL	UOM	ORDER MUL.
TUV-PLP-20X25NB	20" X 25"	24VAC	EA	1
TUV-PLP-20X24NB	20" X 24"	24VAC	EA	1
TUV-PLP-20X22NB	20" X 22"	24VAC	EA	1
TUV-PLP-20X20NB	20" X 20"	24VAC	EA	1
TUV-PLP-18X20NB	18" X 20"	24VAC	EA	1
TUV-PLP-18X18NB	18" X 18"	24VAC	EA	1
TUV-PLP-16X16NB	16" X 16"	24VAC	EA	1
TUV-PLP-16X25NB	16" X 25"	24VAC	EA	1
TUV-PLP-16X24NB	16" X 24"	24VAC	EA	1
TUV-PLP-16X20NB	16" X 20"	24VAC	EA	1
TUV-PLP-14X25NB	14" X 25"	24VAC	EA	1
TUV-PLP-14X24NB	14" X 24"	24VAC	EA	1
TUV-PLP-14X20NB	14" X 20"	24VAC	EA	1
TUV-PLP-12X12NB	12" X 12"	24VAC	EA	1
TUV-PLP-12X20NB	12" X 20"	24VAC	EA	1
TUV-PLP-12X24NB	12" X 24"	24VAC	EA	1
TUV-PLP-14X14NB	14" X 14"	24VAC	EA	1
TUV-PLP-14X30NB	14" X 30"	24VAC	EA	1
TUV-PLP-15X20NB	15" X 20"	24VAC	EA	1
TUV-PLP-16X30NB	16" X 30"	24VAC	EA	1
TUV-PLP-18X24NB	18" X 24"	24VAC	EA	1
TUV-PLP-20X30NB	20" X 30"	24VAC	EA	1
TUV-PLP-24X24NB	24" X 24"	24VAC	EA	1
TUV-PLP-24X30NB	24" X 30"	24VAC	EA	1
TUV-PLP-25X25NB	25" X 25"	24VAC	EA	1
TUV-PLP-16.500X21.625NB	16.5" X 21.625"	24VAC	EA	1
TUV-PLP-20X21.625NB	20" X 21.625"	24VAC	EA	1
TUV-PLP-21.500X23.250NB	21.5" X 23.25"	24VAC	EA	1

(PLP) Replacement Media

Media should be replaced every 3-6 months on average.



TUV-PLP-20X20NB

CATALOG NO.	SIZE	UOM	ORDER MUL.
TUV-PLPM-1-20X25NB	20" X 25"	EA	1
TUV-PLPM-1-20X24NB	20" X 24"	EA	1
TUV-PLPM-1-20X22NB	20" X 22"	EA	1
TUV-PLPM-1-20X20NB	20" X 20"	EA	1
TUV-PLPM-1-18X20NB	18" X 20"	EA	1
TUV-PLPM-1-18X18NB	18" X 18"	EA	1
TUV-PLPM-1-16X16NB	16" X 16"	EA	1
TUV-PLPM-1-16X25NB	16" X 25"	EA	1
TUV-PLPM-1-16X24NB	16" X 24"	EA	1
TUV-PLPM-1-16X20NB	16" X 20"	EA	1
TUV-PLPM-1-14X25NB	14" X 25"	EA	1
TUV-PLPM-1-14X24NB	14" X 24"	EA	1
TUV-PLPM-1-14X20NB	14" X 20"	EA	1
TUV-PLPM-1-12X12NB	12" X 12"	EA	1
TUV-PLPM-1-12X20NB	12" X 20"	EA	1
TUV-PLPM-1-12X24NB	12" X 24"	EA	1
TUV-PLPM-1-14X14NB	14" X 14"	EA	1
TUV-PLPM-1-14X30NB	14" X 30"	EA	1
TUV-PLPM-1-15X20NB	15" X 20"	EA	1
TUV-PLPM-1-16X30NB	16" X 30"	EA	1
TUV-PLPM-1-18X24NB	18" X 24"	EA	1
TUV-PLPM-1-20X30NB	20" X 30"	EA	1
TUV-PLPM-1-24X24NB	24" X 24"	EA	1
TUV-PLPM-1-24X30NB	24" X 30"	EA	1
TUV-PLPM-1-25X25NB	25" X 25"	EA	1
TUV-PLPM-1-16.50X21.625NB	16.5" X 21.625"	EA	1
TUV-PLPM-20X21.625NB	20" X 21.625"	EA	1
TUV-PLPM-21.500X23.250NB	21.5" X 23.25"	EA	1

NOTE: Item numbers in RED indicate **Made in the U.S.A.**

REPLACEMENT UV LAMPS

Residential Replacement UV Lamps

UVC lamps lose effectiveness over time but will continue to produce visible light after they have lost their germicidal effectiveness. For this reason it is necessary to replace them every one, two, or three years depending on type.

CATALOG NO.	LENGTH	LAMP LIFE	FITS	UOM	ORDER MUL.
TUVL-315	15"	3 Years	TUV-APCOX-U TUV-APCOX-UD TUV-APCOX-ER3 TUV-APCOX-DER3 TUV-APCOX-SI3-P TUV-APCOX-DI3-P TUV-APCOX-MAG15-ER3 TUV-APCOX-MAG15-ST3 TUV-APCOX-MAG15-DT3 TUV-BTX-ER3 TUV-BTX-ST3	EA	1



CATALOG NO.	LENGTH	LAMP LIFE	FITS	UOM	ORDER MUL.
TUVL-311	11"	3 Years	TUV-APCOX-MAG11-ER3 TUV-APCOX-MAG11-ST3	EA	1



CATALOG NO.	LENGTH	LAMP LIFE	FITS	UOM	ORDER MUL.
TUVL-215	15"	2 Years	TUV-APCO-SI2-P TUV-APCO-DI2-P TUV-APCO-ONE	EA	1



CATALOG NO.	LENGTH	LAMP LIFE	FITS	UOM	ORDER MUL.
TUVL-215P	15"	2 Years	TUV-BT-ER2 TUV-BT-ST2	EA	1



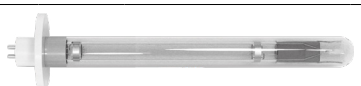
CATALOG NO.	LENGTH	LAMP LIFE	FITS	UOM	ORDER MUL.
TUVL-115	15"	1 Year	TUV-APCO-ER TUV-APCO-DER	EA	1



CATALOG NO.	LENGTH	LAMP LIFE	FITS	UOM	ORDER MUL.
TUVL-115P	15"	1 Year	TUV-BT-ER TUV-BT-ST	EA	1



CATALOG NO.	LENGTH	LAMP LIFE	FITS	UOM	ORDER MUL.
TUVL-211	11"	2 Years	TUV-APCO-MAG11-ER2 TUV-APCO-RT-ER2 TUV-APCO-RT-ST2 TUV-APCO-RT-DT2	EA	1



CATALOG NO.	ELECTRICAL	LAMP LIFE	FITS	UOM	ORDER MUL.
TUV-MINI-LED-SW	110-277 VAC	5 Years	TUV-MINI-LED-SW	EA	1

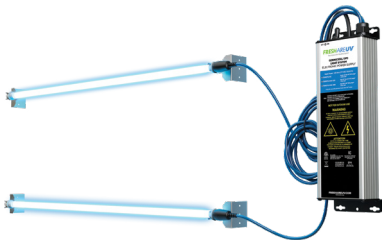


COMMERCIAL COIL AND AIRSTREAM DISINFECTION

Blue-Tube XL

Blue-Tube XL is designed to improve indoor air quality by reducing airborne viruses, bacteria, and allergens. When coil-mounted it also saves energy and maintenance costs associated with commercial HVAC. A biofilm of only 0.002" can reduce efficiency by 37%.

Blue-Tube XL offers easy and flexible installation and includes an advanced multi-voltage, water-resistant power supply. All parts (except lamps) are covered by a lifetime warranty. This system also improves indoor air quality by neutralizing airborne bacteria, viruses, and allergens. Validated to UL 2998 for zero ozone. Includes lifetime warranty.

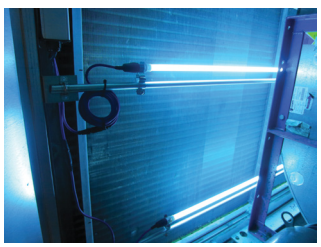


TUV-BTXL-232D
Coil Mount Configuration



TUV-BTXL-232D
Duct Mount Configuration

CATALOG NO.	LAMP LENGTH	LAMP COUNT	REPLACEMENT LAMP	UOM	ORDER MUL.
TUV-BTXL-232S	32"	1	TUVCL-232HO	EA	1
TUV-BTXL-232D	32"	2	TUVCL-232HO	EA	1
TUV-BTXL-246S	46"	1	TUVCL-246HO	EA	1
TUV-BTXL-246D	46"	2	TUVCL-246HO	EA	1
TUV-BTXL-260S	60"	1	TUVCL-260HO	EA	1
TUV-BTXL-260D	60"	2	TUVCL-260HO	EA	1



Blue-Tube XL
on Cooling Coil

Blue-Tube XL
Coil Mount Installation

COIL SIZING CHART FOR AHU UNITS

COIL HEIGHT \ COIL WIDTH	33"	40"	47"	56"	61"	72"	82"	98"	108"	120"	144"
24"	232S	232S	246S	246S	260S	260S	260S	246D	246D	260D	260D
32"	232S	232S	246S	246S	260S	260S	260S	246D	246D	260D	260D
40"	232S	232S	246S	246D	260S	260D	260D	246D (2)	246D (2)	260D	260D
56"	232D	232D	246D	246D	260D	260D	260D	246D (2)	246D (2)	260D (2)	260D (2)
62"	232D	232D	246D	246D	260D	260D	260D	246D (2)	246D (2)	260D (2)	260D (2)
72"	232D	232D	246D	246D	260D	260D	260D	246D (2)	246D (2)	260D (2)	260D (2)
82"	232D	232D	246D	246D	260D	260D	246D (2)	246D (3)	246D (3)	260D (3)	260D (3)
98"	232D (2)	232D (2)	246D (2)	246D (2)	260D (2)	260D (2)	246D (3)	246D (4)	246D (4)	260D (4)	260D (4)
108"	232D (2)	232D (2)	246D (2)	246D (2)	260D (2)	260D (2)	246D (3)	246D (4)	246D (4)	260D (4)	260D (4)
120"	232D (2)	232D (2)	246D (2)	246D (2)	260D (2)	260D (2)	246D (3)	246D (4)	260D (4)	260D (4)	260D (4)
144"	232D (2)	232D (2)	246D (2)	246D (2)	260D (2)	260D (4)	246D (4)	246D (4)	260D (4)	260D (4)	260D (4)

Blue-Tube XL Replacement Lamps

CATALOG NO.	LENGTH	LAMP LIFE	OUTPUT	COATING	UOM	ORDER MUL.
TUVCL-232HO	32"	2 Years	High	None	EA	1



CATALOG NO.	LENGTH	LAMP LIFE	OUTPUT	COATING	UOM	ORDER MUL.
TUVCL-246HO	46"	2 Years	High	None	EA	1



CATALOG NO.	LENGTH	LAMP LIFE	OUTPUT	COATING	UOM	ORDER MUL.
TUVCL-260HO	60"	2 Years	High	None	EA	1

NOTE: Item numbers in RED indicate **Made in the U.S.A.**

THERMOSTATS and CONTROLS



800 SERIES
800 Series Thermostats 520

700 SERIES
700 Series Thermostats 520

WIFI
WIFI Thermostats 521

ACCESSORIES
PRO1® Accessories 521

WIRELESS
Wireless Thermostats 522

PROSYNC™
PROSYNC™ Wireless System 522

600 SERIES
600 Series Thermostats 523

500 SERIES
500 Series Thermostats 523

800 SERIES

THERMOSTATS

Striking designs and the perfect blend of advanced features that are easy to use.

Features

Glow In The Dark Light Button
Color Coded Terminal Blocks
Large Easy To Read Displays
Private Label Badge System
Interchangeable Subbase



T855SH

CATALOG NO.	HEAT AND COOL STAGES	POWER SOURCE	PROGRAMMING	UOM	OM
T855SH	Up to 2 Heat, 2 Cool Conventional Up to 5 Heat, 3 Cool Heat Pump	Battery or Hardwire	7 Day, 5/1/1 or Non-Programmable	EA	1
T855	Up to 2 Heat, 2 Cool Conventional Up to 3 Heat, 2 Cool Heat Pump	Battery or Hardwire	7 Day, 5/1/1 or Non-Programmable	EA	1
T805	1 Heat, 1 Cool Only	Battery or Hardwire	7 Day, 5/1/1 or Non-Programmable	EA	1

700 SERIES

THERMOSTATS

Striking designs and the perfect blend of advanced features that are easy to use.



T701



T721



T755



T771

CATALOG NO.	HEAT AND COOL STAGES	POWER SOURCE	PROGRAMMING	UOM	OM
T771	1 Heat, 1 Cool Only	Battery or Hardwire	Non-Programmable	EA	1
T755S*	Up to 2 Heat, 2 Cool Conventional Up to 3 Heat, 2 Cool Heat Pump	Battery or Hardwire	7 Day, 5/1/1 or Non-Programmable	EA	1
T755	Up to 2 Heat, 2 Cool Conventional Up to 3 Heat, 2 Cool Heat Pump	Battery or Hardwire	7 Day, 5/1/1 or Non-Programmable	EA	1
T751	Up to 2 Heat 2 Cool Conventional Up to 3 Heat 2 Cool Heat Pump	Battery or Hardwire	Non-Programmable	EA	1
T731	Up to 1 Heat 1 Cool Conventional Up to 2 Heat 1 Cool Heat Pump	Battery or Hardwire	Non-Programmable	EA	1
T725	1 Heat, 1 Cool Conventional 2 Heat, 1 Cool Heat Pump	Battery or Hardwire	7 Day, 5/1/1 or Non-Programmable	EA	1
T721	1 Heat, 1 Cool Conventional 2 Heat, 1 Cool Heat Pump	Battery or Hardwire	Non-Programmable	EA	1
T715	2 Heat, 2 Cool	Battery or Hardwire	7 Day, 5/1/1 or Non-Programmable	EA	1
T705	1 Heat, 1 Cool Only	Battery or Hardwire	7 Day, 5/1/1 or Non-Programmable	EA	1
T701	1 Heat, 1 Cool Only	Battery or Hardwire	Non-Programmable	EA	1

*Compatible With Wired Remote Sensors

WIFI THERMOSTATS

WIFI THERMOSTATS

Connected homes are a rapidly growing market segment and homeowners are requesting connected devices more every day. With PRO1, you have three great and reliable models to oer with condence

Features

Exclusively for HVAC professionals
ENERGY STAR compliant
Compatible with every PRO1 subbase (T855iSH)
Compatible with any 2H/1C Heat Pump or 1H/1C Conventional PRO1 subbase (T721i)
Compatible with any 1H/1C Conventional PRO1 subbase (T701i)



T855iSH



T701i, T721i, T751i

CATALOG NO.	HEAT AND COOL STAGES	POWER SOURCE	PROGRAMMING	UOM	OM
T855iSH	Up to 2 Heat, 2 Cool Conventional Up to 5 Heat, 3 Cool Heat Pump	Hardwire Only	7 Day or Non-Programmable	EA	1
T751i	2 Heat, 2 Cool Heat Pump 4 Heat, 2 Cool Conventional	Hardwire Only	Programmable Through App	EA	1
T721i	2 Heat, 1 Cool Heat Pump 1 Heat, 1 Cool Conventional	Hardwire Only	Programmable Through App	EA	1
T701i	1 Heat, 1 Cool Only	Hardwire Only	Programmable Through App	EA	1

THERMOSTAT ACCESSORIES

PRO1® ACCESSORIES

CATALOG NO.	TITLE	DESCRIPTION	WORKS WITH	UOM	OM
R250S	Wired Outdoor or Slab Sensor	The R250S can be wired to any PRO1 wired sensor capable thermostat. This accessory allows you to sense temperature anywhere. It can be used as an outdoor sensor or as a slab (floor) sensor!	T755S T855SH T855iSH	EA	1
R251S	Wired Indoor Remote Sensor	The R251S can be wired to any PRO1 wired sensor capable thermostat. This accessory allows you to sense temperature anywhere. Move sensing location away from the thermostat!	T755S T855SH T855iSH	EA	1
T150	Thermostat Guard	Protect your thermostat with this commercial grade locking thermostat guard which can be installed without removing the existing thermostat. This is a perfect solution for installs in high traffic areas.	Any Thermostat	EA	1
T119	Universal Wall Plate	Cover up wall marks when updating thermostats using the T119. This heavy-duty plastic plate fits on all PRO1 sub-bases in both vertical and horizontal mounting applications. It even fits inside the T150 Thermostat Guard.	Any Thermostat	EA	1
E219	Weather Resistant Junction Box	The E219 is an optional accessory to WW160W (Wireless Wire.) When WW160W is installed outdoors, it must be weather protected. The E219 is a weather resistant junction box that can be used to weather protect WW160W.	Any Thermostat	EA	1



R250S



R251S

WIRELESS THERMOSTATS

WIRELESS THERMOSTATS

If you are upgrading systems, want to move a thermostat's location, or need extra wires for any reason, the T755WHO is the perfect solution. Simply wire the equipment module to the air handler and place the thermostat exactly where you want it maximizing comfort, control, and convenience. The PROsync™ Wireless System is the perfect solution to add a premium look and performance at an aordable price.

Features
· Exclusvely for HVAC professionals
· Compatible with every PRO1 Subbase
· Occupancy Sensor



T731WO

CATALOG NO.	HEAT AND COOL STAGES	POWER SOURCE	PROGRAMMING	UOM	OM
T731WO	Up to 1 Heat, 1 Cool Conventional Up to 2 Heat, 1 Cool Heat Pump	Battery or Hardwire	Non-Programmable	EA	1
T731W	Up to 1 Heat, 1 Cool Conventional Up to 2 Heat, 1 Cool Heat Pump	Battery or Hardwire	Non-Programmable	EA	1

PROSYNC™ Wireless System

PROSYNC WIRELESS SYSTEM

CATALOG NO.	HEAT AND COOL STAGES	POWER SOURCE	PROGRAMMING	UOM	OM
T755WHO	Up to 2 Heat, 2 Cool Conventional Up to 4 Heat, 2 Cool Heat Pump	Battery or Hardwire	7 Day, 5/1/1 or Non-Programmable	EA	1
R751WO	Up to 1 Heat, 1 Cool Conventional Up to 2 Heat, 1 Cool Heat Pump	Battery or Hardwire	Non-Programmable	EA	1
R250W	Wireless Outdoor Remote Sensor	Battery	N/A	EA	1



T755WHO

600 SERIES

Simple and heavy-duty products at a great price, perfect for new construction.

CATALOG NO.	HEAT AND COOL STAGES	POWER SOURCE	PROGRAMMING	UOM	OM
T601-2	1 Heat, 1 Cool	Battery or Hardwire	Non-Programmable	EA	1
T605-2	1 Heat, 1 Cool	Battery or Hardwire	7 Day or 5/1/1 Programmable	EA	1
T621-2	1 Heat, 1 Cool Conventional 2 Heat, 1 Cool Heat Pump	Battery or Hardwire	Non-Programmable	EA	1
T625-2	1 Heat, 1 Cool Conventional 2 Heat, 1 Cool Heat Pump	Battery or Hardwire	7 Day or 5/1/1 Programmable	EA	1



T605-2



T621-2

500 SERIES

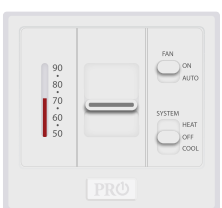
Mechanical/Line Voltage Thermostats

By utilizing the universal subbase system and FREE private label badge the T501M gives installers the features they love at an affordable price. The innovative, interchangable switches and face plates create three thermostats in one.

Features

Mercury Free (T501ML2 & T501ML4)

CATALOG NO.	HEAT AND COOL STAGES	POWER SOURCE	PROGRAMMING	UOM	OM
T501M	1 Heat, 1 Cool	24 Volt Mechanical	Non-Programmable	EA	1
T501ML2	Heat Only	Two Wire	Non-Programmable	EA	1
T501ML4	Heat Only	Four Wire	Non-Programmable	EA	1



T501M



T501ML2

About DiversiTech

Founded in 1971, DiversiTech® Corporation is North America's largest manufacturer of equipment pads and a leading manufacturer and supplier of components and related products for the heating, ventilating, air conditioning, and refrigeration (HVAC/R) industry. Headquartered in the Atlanta, Ga. metropolitan area, DiversiTech's mission for its wholesaler partners is to simplify their work. The Company is focused on growth through internal product development, external partnerships, and acquisition. Manufacturing a suite of products, which includes a wide range of mechanical, electrical, chemical, and structural parts for HVAC/R systems, DiversiTech brings unparalleled scaling capabilities and supplier expertise. The Company holds numerous patents and operates an advanced R & D materials division dedicated to bringing more value to its customers. The Company maintains over 1 million square feet of manufacturing and distribution space in key U.S., Canadian and European locations. DiversiTech has enjoyed a continued history of successful growth and has acquired industry recognized brand names including hilmor®, Imperial®, Quick-Sling®, UltraLite®, Spin® Tools, SpeedClean®, and Fresh-Aire UV®.



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