

Single Zone Heat Pump Ductless System

Outdoor Model: D5CURAH36AAK

Indoor Model: D5FUAAH36XAK

Job Data:

Tag #:

Date:

Location:

Carrier#:



OUTDOOR STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Built-In 24V Interface
- Conventional Lineset
- Low Voltage Controls
- Reverse Fan Operation
- Condenser High Temp Protection
- Quiet operation
- Anti-corrosive fin coating

INDOOR STANDARD FEATURES

- Modes: Cool, Heat, Dry, Fan, Auto
- Factory installed leak detection system
- Conventional Lineset
- Dual Voltage (115V/230V)
- Constant Air Motor/Blower
- Quiet indoor operation
- Anti-corrosive fin coating

RESIDENTIAL APPLICATION LIMITED WARRANTY*

- Ten (10) years if properly registered within ninety (90) days after original installation, parts are warranted to the original purchaser for a period of ten (10) years. Otherwise, parts warranty is five (5) years.

NOTE: Images for illustration purposes only. Actual models may be slightly different.

Outdoor - Heat Pump			
System	Outdoor Model #	D5CURAH36AAK	
	Outdoor Size	36000	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
	MCA	A.	24
	MOPA	A.	30
	SCCR	kA	5
Operating Range	Cooling Outdoor DB Min - Max	*F(°C)	-13~122(-25~50)
	Heating Outdoor DB Min - Max	*F(°C)	-13~75(-25~24)
Piping	Min. Piping Length	ft (m)	9.8 (3)
	Standard Piping Length	ft. (m)	24.6 (7.5)
	Total Piping Length	ft (m)	246(75)
	Piping Lift	ft (m)	98.42(30)
	Pipe Connection Size - Liquid	in (mm)	3/8in(9.52mm)
	Pipe Connection Size - Suction	in (mm)	3/4in(19mm)
Refrigerant	Refrigerant Type	R454B	
	Charge	lbs (kg)	7.28(3.3)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)	0.7(65)
Outdoor Coil	Face Area	Sq. Ft.	8.14
	No. Rows		3
	Fins per inch		19
	Circuits		6
Compressor	Type	ROTARY	
	Model	KTF310D43UMT	
	Oil Type	ESTER OIL	
	Oil Charge	Fl. Oz.	33.82
Airflow & Sound	Rated Current	RLA	5.38
	Airflow	CFM	2237.9
Dimensions	Sound Pressure	dB(A)	63
	Height	in (mm)	31.89(810)
	Width	in (mm)	37.24(946)
	Depth	in (mm)	16.14(410)
	Net Weight	lbs (kg)	153.22(69.5)
	Shipping Height	in (mm)	34.84(885)
	Shipping Width	in (mm)	42.91(1090)
	Shipping Depth	in (mm)	19.68(500)
	Shipping Net Weight	lbs (kg)	163.58(74.2)

* Condensing unit above or below indoor unit

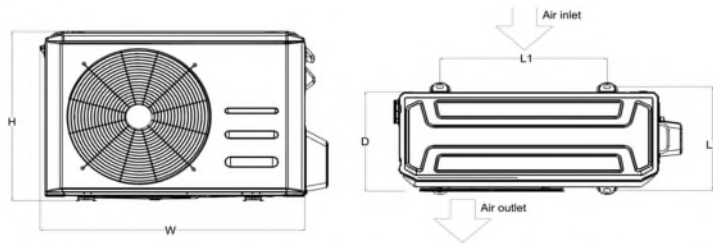
D5CURAH36AAK / D5FUAAH36XAK System Accessories		
Standard	Wireless Remote Controller (*F/°C Convertible)	
Optional	Wired Remote Control 7 Day Programmable	KSACN1401AAA

Indoor - Heat Pump			
System	Indoor Model #	D5FUAAH36XAK	
	Indoor Size	36000	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	115-208-230/1/60
	Power Supply	Indoor unit powered separate from outdoor unit	
	MCA	A.	6
Operating Range	Cooling Indoor DB Min - Max	*F(°C)	60~90(16~32)
	Heating Indoor DB Min - Max	*F(°C)	32~86(0~30)
Indoor Coil	Face Area	Sq. Ft.	4.13
	No. Rows		4
	Fins per inch		20
Indoor Unit	Circuits		10
	Number of Fan Speeds		685/620/560
	Airflow (highest to lowest)	CFM	1188.97~865.24
	Sound Pressure	dB(A)	25.5
Dimensions	Height	in (mm)	49.02(1245)
	Width	in (mm)	21.02(534)
	Depth	in (mm)	21.02(534)
	Net Weight	lbs (kg)	129.41(58.7)
	Shipping Height	in (mm)	21.20(640)
	Shipping Width	in (mm)	52.17(1325)
	Shipping Depth	in (mm)	24.61(625)
	Shipping Net Weight	lbs (kg)	153.88(69.8)

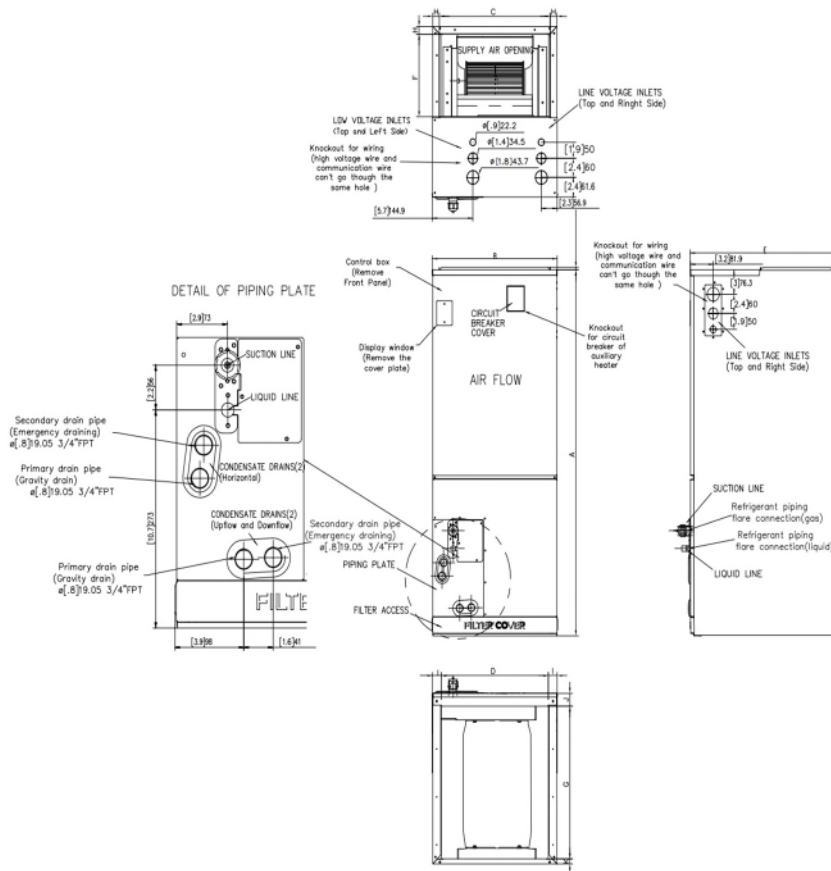
D5CURAH36AAK / D5FUAAH36XAK System Performance			
Cooling Rated Capacity (DOE A2 - 95°F)		36000	
Cooling Capacity Range		8300~38900	
SEER2	Btu/h	16.2	
EER2 (DOE A2 - 95°F)	Btu/h	10	
Heating Rated Capacity (DOE H12 - 47°F)		36000	
Heating Capacity Range		6700~41300	
COP (DOE H12 - 47°F)	Btu/h	3.4	
HSPF2 IV	Btu/h	8.7	
HSPF2 V	Btu/h	7	
Cooling Rated Capacity (DOE B2 - 82°F)		36400	
EER2 (DOE B2 - 82°F)	Btu/h	12.1	
Heating Rated Capacity (DOE H32 - 17°F)		25600	
COP (DOE H32 - 17°F)	W/W	2.6	
Heating Maximum Capacity (17°F)		30000	
Heating Rated Capacity (DOE H42 - 5°F)		27000	
COP (DOE H42 - 5°F)	W/W	2	
Heating Maximum Capacity (5°F)		27000	



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OUTDOOR UNIT DIMENSIONS						
Capacity	Unit	W	D	H	L1	L2
18K	mm	805	330	554	511	317.2
	inch	31.69	12.99	21.81	20.1	12.5
24K	mm	890	342	673	663	346.67
	inch	35.04	13.46	26.5	26.1	13.65
30K/36K	mm	946	410	810	672.96	402.6
	inch	37.24	16.14	31.89	26.49	15.85
48K/60K	mm	980	415	975	616	440
	inch	38.58	16.34	38.39	24.25	17.31



Dimensions	Model(Btu/h)	18K/24K		30K/36K		48K/60K	
		inch	mm	inch	mm	inch	mm
A	Model Height	45	1143	49	1245	53	1346
B	Model Width	17.5	445	21	534	24.5	622
C	Supply Air Opening Width	15.6	397	19.1	486	22.6	575
D	Return Air Opening Width	15.1	384	18.6	473	22.1	562
E	Model Depth	21	534	21	534	21	534
F	Supply Air Opening Depth	10.3	260	10.3	260	10.3	260
G	Return Air Opening Depth	18.8	476	18.8	476	18.8	476
H	Supply Air Opening Clearance	.9	24	.9	24	.9	24
I	Return Air Opening Side Clearance	1.3	32	1.3	32	1.1	28
J	Return Air Opening Front Clearance	1.5	38	1.6	41	1.6	41
K	Return Air Opening Back Clearance	.6	16	.6	16	.8	19
J	Refrigerant piping flareconnection(gas)	.8	19	.8	19	.9	22
K	Refrigerant piping flareconnection(liquid)	.4	9	.4	9	.4	9



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