TEMPSTAR® RESIDENTIAL HEATING & COOLING PRODUCTS

TEMPSTAR®

Heating and Cooling Products



PRODUCT AT-A-GLANCE FOLDOUT



No Hassle Replacement™ limited warranty:

Your huge competitive advantage

When you're talking to a homeowner about a new heating and cooling system, you have a huge advantage over most competitors—the Tempstar[®] No Hassle Replacement[™] limited warranty. Make the most of every sales opportunity by making sure you understand this important warranty and how to use it to get the sale. Here are the basics:

How does it work?

The No Hassle Replacement limited warranty offers a one-time new equivalent replacement unit should the compressor, covered outdoor coil or heat exchanger fail due to defect during the No Hassle Replacement period. The No Hassle Replacement limited warranty applies to mainline products and varies in length of limited coverage—up to 10 years to the original purchaser.

What does that mean to your customers?

Simply this: If a covered major component fails during the No Hassle Replacement limited warranty period, the customer has the option to:

- 1. Replace the unit.
- 2. Repair the unit.

It's a powerful selling tool that offers homeowners peace of mind. Use this superior warranty to build value in the products you sell. Mention it on every sales call.

How do you use it to close the sale?

Follow these three steps:

- Advertise it. Include the No Hassle Replacement limited warranty in all of your ads, on your website, and
 in every marketing tool you use. Check the "Business Building Tools" section of the Dealer Resource Center
 at www.GoTempstar.com to find ads that mention the warranty and graphics to help you promote it.
- 2. Mention it. Tell EVERY customer about the No Hassle Replacement limited warranty and explain how it works.
- Offer it. Always offer at least one product covered by the No Hassle Replacement limited warranty. There
 are plenty of covered products available. All Tempstar mainline products include a No Hassle Replacement
 limited warranty.

Read the warranty certificate for details. Make sure you understand this important warranty before your next sales call. This warranty offers extra coverage in addition to the standard product limited warranty. Restrictions apply. See the most current and complete warranty certificate for further details.



COMPREHENSIVE ONLINE PRODUCT GUIDES!

With these online
Product Guides, it's
easy to access detailed
information about
the complete line of
Tempstar® products
via the Internet on
your laptop, tablet or
smartphone. Plus, if you
need a hard copy of the
product catalog, you can
always download
a pdf version and
print it yourself.





Access Instructions:

- Go to www.GoTempstar.com.
- Click on "Product Information" at the top of the screen.
- Scroll down to "Residential Product Guide" or "Commercial Product Guide" and you're there.

Or... Scan this QR code with your smartphone.

These online Product Guides include:

Photos and Specifications for the complete product line, including air conditioners, heat pumps, oil furnaces, small packaged products, fan coils, modular blowers, evaporator coils, ductless splits, gas furnaces, controls and IAQ (indoor air quality) products. Just click on a product category to view all of the models within that category.

Comprehensive Details.

Then, you can click on a specific model to view more comprehensive details, including:

- Product features
- Efficiency ratings
- Capacities
- Warranty information
- Unit performance data
- Accessories
- Certifications

CHECK IT OUT!

See the online Product Guides as soon as you get a chance. These online product databases have an easy-to-use interface with the most up-to-date information on all the Tempstar residential and commercial products and accessories. Plus, the Guides are simple to access via the Internet and your laptop, tablet or smartphone when you are on the go.

Note: Paper copies of the Condensed Catalogs are still available through the literature order process. Order P/N 401-22-9003-14 for the printed Residential Condensed Catalog and P/N 401-22-2205-14 for the printed Commercial Condensed Catalog.

It's Easier to Find Split-System Matches... with Our Online Database!



The process of matching split systems can be time-consuming and lead to information overload. Now you can search for Tempstar® equipment using our online database for split system air conditioning and heat pump combination ratings.

How to find it: Look on www.GoTempstar.com under Product Information.

It's Easy to Use!

Specific to Tempstar systems, the database incorporates these user-friendly features:

- Drop-down lists showing all model numbers, so there's no need to type in part of a model number
- Option to specify indoor (coil) model, or search all indoor models
- Option to specify furnace model, or search all furnaces
- Option to search with a minimum SEER
- Export an unlimited number results to an Excel file for even easier sorting and comparing
- Retained history from February 2013 going forward, i.e.
 combinations that are "archived" in the AHRI database stay visible
- AHRI reference numbers are included for every combination

The database pulls data directly from AHRI but simplifies the user interface and makes it easier to find what you're looking for. When a given model is no longer in production, the combinations are still retained in the database. If you have New Old Stock—new (unused) equipment that's been in inventory so long that AHRI has dropped the combination—this new database makes it easy to find.

Best of all, using the database allows you to make the results as broad or as narrow as you wish and makes it easy to drill-down on the specific equipment you're looking for without wading through every brand in the industry.

Try it today!











Heating and Cooling Products

Quality you can feel.

RESIDENTIAL

AIR CONDITIONERS (ALL R-410A REFRIGERANT)

SmartComfort™ Deluxe 19/17



TVA9

- Inverter Variable-Speed compressor
- Communicating and selfconfiguring capabilities
- Up to 19 SEER with ECM indoor section motor
- 2 5 tons



TCA7

- Communicating and self-configuring capabilities
- 2-stage scroll compressor
- Up to 17 SEER with ECM indoor section motor*
- 2 5 tons



Limited Warranties:**

- Parts 10 Yrs.
- No Hassle

Replacement™ - 10 Yrs.

TSA6

 Communicating and selfconfiguring capabilities

SmartComfort 16

- Up to 16 SEER with ECM indoor section motor*
- 1½ 5 tons
- Scroll compressor



Limited Warranties:**

- Parts 10 Yrs. - No Hassle Replacement
- 5 Yrs.

T443

- Up to 15.5 - 13-14 SEER SEER depending depending on indoor on indoor combination*
- combination' - 1½ - 5 tons - 1½ - 5 tons
 - 2-speed fan motor

SmartComfort 13

- Scroll compressor



compressor

Limited

- Scroll

TSA5

Warranties:**

- Parts 10 Yrs. - No Hassle Replacement
- 3 Yrs.

Limited

- Warranties:** - Parts - 10 Yrs.
- No Hassle Replacement - 1 Yr.

- 10 Yrs. Performance 16

NXA6/N4A6

Limited Warranties:**

- Parts - 10 Yrs.

Replacement™

- No Hassle

- Up to 16 SEER with ECM indoor section motor*
- Up to 14.5 SEER with PSC indoor section motor*
- Hail guard tight-wire grille
- 11/2 5 tons
- Scroll compressor

Performance 14 NXA4/N4A5

- 14-15 SEER depending on indoor
- combination* - Hail guard tightwire grille
- 1½ 5 tons
- Scroll compressor

N4A4

- 14 SEER depending on indoor combination*
- 1 1/2 5 tons
- Scroll
- Compressor Coastal model

NH4A

- Horizontal discharge with narrow footprint

Performance 14

- 14-15 SEER depending on indoor combination*
- 1½ 5 tons
- Scroll compressor

Performance 13 N4A3

- 13-14 SEER depending on indoor
- combination* - Scroll Compressor
- Coastal model available

R4A4/R4A5

- 14-15 SEER depending on indoor combination*
- 1½ 5 tons

R-Series

- Scroll compressor

R4A3

- 13-14 SEER depending on indoor combination*
 - Scroll compressor

Performance Series Limited Warranty:** Parts - 10 Yrs.



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® specifications. Ask your distributor for details or visit www.energystar.gov.

HEAT PUMPS (ALL R-410A REFRIGERANT)

SmartComfort Deluxe 19/16



TVH8

- Inverter Variable-
- Speed compressor - Communicating and self-
- configuring capabilities - Up to 19 SEER with ECM
- indoor section motor - Up to 11 HSPF with ECM indoor section motor

Limited Warranties:**

- Parts - 10 Yrs.

- No Hassle

- 2 - 5 tons



тсн6

- Communicating and self-configuring capabilities
- 2-stage scroll compressor
- Up to 16 SEER with ECM indoor section motor*

Limited Warranties:**

Replacement - 10 Yrs.

- Parts - 10 Yrs.

- No Hassle

2 - 5 tons

TSH5

 Communicating and self-configuring capabilities

SmartComfort 15

- Up to 15 SEER with ECM indoor section motor*
- 11/2 5 tons
- Scroll compressor

Performance 14

- No Hassle

TSH4

- 14 15 SEER depending on indoor combination*
- 1½ 5 tons
- Scroll compressor



Limited Warranties:**

- Parts 10 Yrs.
- Replacement 5 Yrs.

Limited Warranties:** Parts - 10 Yrs.

Replacement - 3 Yrs.

- No Hassle



NXH5

Replacement™ - 10 Yrs.

- Up to 15.5 SEER with ECM

Performance 16

- indoor section motor* - Up to 14 SEER with PSC
- indoor section motor* - Hail guard tight-wire grille
- $-1\frac{1}{2}$ 5 tons
- Scroll compressor

N4H4

Performance 14

- 14-15 SEER depending on indoor combination*
- Hail guard tight-wire grille

*For information regarding furnace or fan coil options that can increase the energy efficiency of selected Tempstar air conditioners (SEER and EER) and heat pumps (SEER, EER and HSPF), refer to www.GoTempstar.com/Product Information/Higher SEER and HSPF

- Scroll compressor - Coastal model available

NH4H

- Horizontal discharge with narrow footprint
- 14-15 SEER depending on indoor combination'
- 11/2 5 tons
- Scroll compressor

R-Series

- **R4H4** - 14-15 SEER depending on indoor combination*
- 1½ 5 tons
- Scroll compressor

Performance Series Limited Warranty:** - Parts - 10 Yrs.

PRODUCTS

GEOTHERMAL HEAT PUMPS

HP

HP Series

- Up to 24.5 EER, 4.0
- COP (closed loop) - Up to 30.0 EER, 4.6 COP (open loop)
- Two-stage scroll compressor
- ECM blower
- Vertical upflow,
- downflow, horizontal

HB

- Up to 21.7 EER, 4.3 COP (closed loop)
- Up to 28.1 EER, 5.2 COP (open loop)
- Scroll compressor (rotary in 018 size)
- Constant torque blower motor
- Vertical upflow, horizontal
- $-1\frac{1}{2} 5$ tons

HS

- Up to 28.8 EER, 4.6 COP (closed loop)

HS Split Series

- Up to 29.1 EER, 5.2 COP (open loop) - Two-stage scroll
- compressor - Use with furnace or fan coil
- -2-5 tons

HW Water-to-Water Series HW

- Up to 22.1 EER, 3.2 COP (closed loop)
- Up to 25.7 EER, 3.8 COP (open loop)
- Two-stage scroll compressor
- Radiant / hydronic applications
- -2-6 tons

Limited Warranties: ** - Parts & Labor - 10 years, No Hassle Replacement - 5 years (HP, HS, HW) - 10 Years Parts, 5 Years Labor (HB)

UP TO 98% CONDENSING GAS FURNACES

-4-WAY MULTI-POSITION

- Up to 98% AFUE

SmartComfort Deluxe 98

- 60 120 MBTUh
- Modulating gas valve
- Communicating and selfconfiguring capabilities
- ECM variable-speed blower motor
- 5-stage cooling compatible

- Up to 96% AFUE

- 40 120 MBTUh
- 2-stage heat
- Communicating and selfconfiguring capabilities

SmartComfort Deluxe 96

- ECM variable-speed blower motor
- 1-pipe or 2-pipe venting
- 5-stage cooling compatible

SmartComfort 96 F9MXT

- Up to 96% AFUE
- 40 120 MBTUh
- 2-stage heat
- High-efficiency ECM blower motor
- 1-pipe or 2-pipe venting
- 2-stage cooling compatible

F9MXE

- Up to 96% AFUE

SmartComfort 96

- 26 120 MBTUh
- Single-stage heat
- High-efficiency
- ECM blower motor
- 1-pipe or 2-pipe venting



Limited Warranties:**

- Heat exchanger Lifetime Parts 10 Yrs.
 - No Hassle Replacement 10 Yrs.

Limited Warranties:**

- Heat exchanger Lifetime
- Parts 10 Yrs.
- No Hassle Replacement 5 Yrs.

Limited Warranties:**

- Heat exchanger Lifetime
- Parts 10 Yrs.
- No Hassle Replacement 1 Yr.

Performance 95 N9MSE



- Up to 95.5% AFUE
- 26 140 MBTUh
- Single-stage heat
- PSC blower motor
- 1-pipe or 2-pipe venting - Low NOx

Performance 92

- N9MSB
- Up to 92.1% AFUE
- 40 120 MBTUh
- Single-stage heat - PSC blower motor
- 1-pipe or 2-pipe venting
- Low NOx

R-Series

R9MSB

- Up to 92.1% AFUE
- 60 120 MBTUh
- Single-stage heat
- PSC blower motor
- 1-pipe or 2-pipe venting
- Low NOx
- Sold as Maratherm brand

Limited Warranties:** - Heat exchanger - 20 Yrs. - Parts - 10 Yrs.

80% GAS FURNACES - 4-WAY MULTI-POSITION

SmartComfort Deluxe 80 F8MVL

- 66 - 132 MBTUh

- ECM variable-speed blower motor
- configuring capabilities
- 33,3-inches tall
- 2-stage heat - 5-stage cooling compatible

Communicating and self-

Limited Warranties:**

- Limited Warranties:** - Heat exchanger - 20 Yrs.
- Parts 10 Yrs.
- No Hassle Replacement 10 Yrs. Replacement 5 Yrs.

SmartComfort 80 F8MTL

- 44 132 MBTUh
- PSC blower motor
- 33.3-inches tall
- 2-stage heat - 2-stage cooling
- compatible

- Low NOx

- Parts 10 Yrs. No Hassle

- Heat exchanger - 20 Yrs.

Performance 80

N8MXL

- 44 132 MBTUh - High-efficiency
- ECM blower motor - 33.3-inches tall
- Single-stage heat

- Low NOx

- N8MS
 - 44 154 MBTUh - PSC blower motor
 - 33.3-inches tall - Single-stage heat
 - Low NOx models available

R-Series

- R8MXL - 44 - 132 MBTUh
- High-efficiency
- ECM blower motor - 33.3-inches tall
- Single-stage heat
- Low NOx - Sold as Maratherm brand

R8MS

- 44 154 MBTUh
- PSC blower motor
- 33.3-inches tall - Single-stage heat
- Low NOx models available
- Sold as Maratherm brand

Limited Warranties:**

- Heat exchanger - 20 Yrs. - Parts - 10 Yrs



Limited

- Parts

Warranty:

- 5 Yrs



OIL FURNACES



OUF

PSC blower motor

Canada





Limited Warranties** on OMV, OLV:

- Heat exchanger Lifetime
- Parts 10 Yrs.
- No Hassle Replacement 10 Yrs.



OME

PSC blower motor

OMV

ECM variable-speed blower motor

Limited Warranties** on all other oil furnaces:

- Heat exchanger Lifetime
- Parts 10 Yrs.

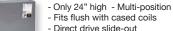
OLR

- PSC blower motor

- ECM variable-speed blower motor

BLOWERS

Modular Blowers MB/MV/MF Modular Blowers



blower assembly

- MB: 120 volts
- MV: Variable-speed
- MF/MV: 208/240 volts
- Downflow with sub-base accessory
- 5 30 kW slip-in heat available

FAN COILS

4-way Multi-position



FCM4X

- Communicating and self-configuring capabilities

- 2 5 tons
- TXV
- ECM variablespeed blower motor

FVM4X

- 2 5 tons
- TXV - ECM variable-
- speed blower motor

FXM4X

- 1½ 5 tons - TXV
- High-efficiency ECM blower motor

Limited Warranties:**

- Parts 10 Yrs. - No Hassle
- Replacement -5 Yrs.

FEM4P (Piston) FEM4X (TXV)

- 11/2 4 tons (piston)
- 1½ 5 tons (TXV) - High-efficiency ECM blower motor

Limited Warranties:**

- Parts 10 Yrs. - No Hassle
- Replacement 1 Yr.

R-Series

REM4P (Piston) REM4X (TXV)

- 2, 3, 4 tons (piston)
- 5 tons (TXV)
- High-efficiency ECM blower motor

Limited Warranties:**

- Parts - 10 Yrs.

Apartment Fan Coils

FMA4P

- 11/2 3 tons
- Piston
- PSC blower motor
- Free return air front or bottom
- combinations

FMA4X

- Straight cool

- 11/2 - 3 tons

Limited Warranties:**

- Parts - 10 Yrs. - No Hassle Replacement - 10 Yrs.

- TXV
- ECM blower motor
- Free return air front or bottom
- 14 SEER combinations

Ceiling Fan Coils

FM(C₂U)4P

- 11/2 3 tons Piston
- PSC blower motor
- Ceiling mount
- Cased & uncased available
- Accessory Louver Panel/Filter Rack available
- Accessory Access Panel available
- Straight cool combinations

FM(C.U)4X

- 11/2 21/2 tons TXV
- PSC blower motor
- Ceiling mount
- Cased & uncased available
- Accessory Louver Panel/Filter Rack available
- Accessory Access Panel available
- 14 SEER combinations

Limited Warranty:** - Parts - 10 Yrs.

COILS



FAM4

- 1½ 5 tons - A-Coil
- Multi-position

FAD4 - 1½ - 5 tons

- A-Coil
 - Vertical, upflow or downflow



EAA4

- 1½ 5 tons
- Uncased A-coil - Multi-position, upflow or downflow



END4 (1½ - 5 tons) ENW4 (3 - 5 tons)

- N-Coil
- Upflow or downflow
- ENW4 fits one size narrower furnace



ENH4

- 2 - 5 tons

N-Coil Horizontal

Limited Warranty:** - Parts - 10 Yrs.



- 11/2 5 tons A-Coil
- Multi-position
- For use with legacy gas furnaces
- Warranty/service applications



ENA4

- 1½ 5 tons
- Uncased N-Coil Upflow or downflow

EMA4

- 2 4 tons
- Uncased N-Coil - For manufactured housing applications



EHD4

- 2 - 5 tons - Horizontal

- Downflow

Limited Warranty:** - Parts - 10 Yrs.

DUCTLESS SYSTEMS

A High Wall Single Zone System Heat Pump with Basepan Heater



Limited Warranty:**

- Parts & compressor - 10 yrs.

- Variable Speed (Inverter) Compressor Up to 30.5 SEER

10.3 HSPF Sizes: 09 to 18

3 systems are ENERGY STAR® certified

Operating ranges: • Cooling 0° ~ 129° F (-18° ~ 54° C)

• Heating -22° ~ 75° F (-30° ~ 24° C)



B Multi-Zone System Heat Pump with Basepan Heater

> - Variable Speed (Inverter) Compressor

Up to 22.0 SEER - Up to 10.2 HSPF

- Sizes: 18 to 56

Connect 2 ~ 9 indoor units

Operating ranges: • Cooling 0° ~ 118° F (-18° ~ 48° C)

• Heating 5° ~ 75° F (-15° ~ 24° C)

C High Wall Single Zone System Cooling Only, Heat Pump with Basepan Heater

> - Variable Speed (Inverter) Compressor

Up to 23.0 SEER - Up to 10.0 HSPF

- Sizes: 09 to 36 12 systems are **ENERGY STAR®**

certified

Operating ranges:

• Cooling 0° ~ 115° F (-18° ~ 46° C) • Heating 0° ~ 75° F (-18° ~ 24° C)

D High Wall Single Zone System Heat Pump with Basepan Heater

> - Variable Speed (Inverter) Compressor

16.0 SEER - Up to 9.0 HSPF

- Sizes: 09 to 24

Operating ranges:

• Cooling 0° ~ 115° F (-18° ~ 46° C)

 Heating 0° ~ 75° F (-18° ~ 24° C)

SMALL PACKAGED PRODUCTS (ALL R-410A REFRIGERANT)

FOOTPRINT ON ALL CONVERTIBLE SMALL PACKAGED PRODUCTS LESS THAN 48" WIDE!

Packaged Gas/Electric - SmartComfort



PGR5

- Up to 16 SEER 81% AFUE
- 2-stage scroll compressor
- 2-stage gas heat
- Stainless steel heat exchanger
- High-efficiency ECM blower motor
- Tin-coated copper evaporator coil
- Hail guard tight-wire grille
- 2 5 ton capacities

Limited Warranties:**

- Heat exchanger Lifetime
- Parts 10 Yrs
- No Hassle Replacement 5 Yrs.

- Up to 14.0 SEER 81% AFUE
- Stainless steel heat exchanger
- High-efficiency ECM blower motor
- Tin-coated copper evaporator coil
- Dehumidification mode
- Optional Low Cabinet Air Leakage model available
- 2 5 ton capacities

Limited Warranties:**

- Heat exchanger Lifetime
- Parts 10 Yrs
- No Hassle Replacement 3 Yrs.

Packaged Gas/Electric - Performance

PGD4

- Up to 14.0 SEER
- 81% AFUE
- Aluminized steel tubular heat exchanger
- High-efficiency ECM blower motor
- Dehumidification mode
- 2 5 ton capacities

Limited Warranties:**

- Heat exchanger 15 Yrs.
- Parts 10 Yrs.

Packaged Dual Fuel - SmartComfort



- Up to 14.5 SEER 81% AFUE
- Dual fuel gas heat and electric heat pump
- Scroll compressor
- Stainless steel heat exchanger
- High-efficiency ECM blower motor
- Tin-coated copper evaporator coil
- Dehumidification mode
- Optional Low Cabinet Air Leakage model available - 2 - 5 ton capacities

Limited Warranties:**

- Heat exchanger Lifetime
- Parts 10 Yrs.
- No Hassle Replacement 3 Yrs.

Packaged Dual Fuel - Performance

PDD4

- Up to 14.5 SEER
- 81% AFUE
- Dual fuel gas heat and electric heat pump
- Scroll compressor
- Aluminized steel tubular heat exchanger
- High-efficiency ECM blower motor
- Dehumidification mode
- 2 5 ton capacities

Limited Warranties:**

- Heat exchanger 15 Yrs.
- Parts 10 Yrs.

Packaged Air Conditioners (PA) & Packaged Heat Pumps (PH) SmartComfort with tin-coat evap coil and hailguard grilles



PAR5, PHR5

- Up to 16 SEER
- 2-stage scroll compressor - High-efficiency ECM
- blower motor - Tin-coated copper
- evaporator coil
- Hail guard tight-wire grille - 2 - 5 ton capacities

Limited Warranties:**

- Parts 10 Yrs.
- No Hassle Replacement

PAD4, PHD4

- Up to 14.5 SEER
- High-efficiency ECM blower motor - Available with tin-coated copper
- evaporator coil - Dehumidification mode
- 2 5 ton capacities
- Optional Low Cabinet Air Leakage model available

Limited Warranties:**

- Parts 10 Yrs.
- No Hassle Replacement with tin-coated coil models - 3 Yrs.

Performance Packaged AC (PA) & Packaged HP (PH) - Dedicated Horizontal



PAJ4, PHJ4

- Up to 14.5 SEER
- High-efficiency ECM
- blower motor - Round ducts (rectangle return on 42 - 60)
- Available with tin-coated copper evaporator coil
- 2 5 ton capacities
- All models 2% Air Leakage compliant

Limited Warranty:**

- Parts - 10 Yrs.