TEMPSTAR® RESIDENTIAL HEATING & COOLING PRODUCTS

TEMPSTA3

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 SmartComfort 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.
- 3. **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 SmartComfort 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 401-22-2300-18 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!









EMPSTA

Heating and Cooling Products

Quality you can feel.

RESIDENTIAL

AIR CONDITIONERS (ALL R-410A REFRIGERANT)

Deluxe 19/17



TVA9

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

Limited Warranties:**

- Parts - 10 Yrs.

Replacement™

- 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

- Parts - 10 Yrs.

Replacement

Performance 14

discharge with

narrow footprint

- No Hassle

- 5 Yrs.

NH4A



Limited Warranties:**

TSA5

- Up to 15.5

depending

on indoor

combination'

- 1½ - 5 tons

SEER

- Scroll

- No Hassle
- 3 Yrs. Performance 13

SmartComfort 13

- 13-14 SEER depending on indoor

T443

- combination' - 1½ - 5 tons
- 2-speed
- fan motor - Scroll compressor



- Replacement

Limited

Warranties:**

- Parts 10 Yrs.

R4A4/R4A5

- 11/2 - 5 tons

Limited

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

- 14-15 SEER depending

on indoor combination*

Warranties:**

- 10 Yrs. Performance 17

Up to 17 SEER

N4A7

- No Hassle

Performance 16

- NXA6/N4A6 - Up to 17 SEER
- combination* Hail quard
- tight-wire grille

depending

on indoor

2 - 5 tons 2-stage scroll compressor

- with ECM indoor section motor*
- Up to 15 SEER with PSC indoor section motor*
- Hail guard tight-wire grille
- 1½ 5 tons - Scroll compressor

NXA4/N4A5

Performance 14

- 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

depending

on indoor combination* - Coastal model - 1½ - 5 tons

- 14-15 SFFR

- Horizontal

- Scroll compressor

N4A3

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

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

- 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)

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
- 2 5 tons

Limited Warranties:**

- Parts 10 Yrs. - No Hassle
- Replacement™ 10 Yrs. Performance 16



тсн6

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

Limited Warranties:

- Parts - 10 Yrs.

No Hassle

motor* - 2 - 5 tons



- Replacement 10 Yrs.

SmartComfort 16 TSH₆

- Communicating and self-configuring capabilities
- Up to 16 SEER with ECM indoor section motor*
- 1½ 5 tons
- Scroll compressor

Limited Warranties:

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

SmartComfort 15

- TSH5 Communicating and self-configuring
- capabilities - Up to 15 SEER with ECM indoor section
- motor*
- 1½ 5 tons - Scroll compressor



- Limited Warranties:
- Parts 10 Yrs - No Hassle Replacement - 5 Yrs.

TSH4

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



Limited Warranties:**

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

- N4H6 Up to 17.5 SEER depending on
- indoor combination* Hail guard tight-
- wire grille 2 - 5 tons
- 2-stage scroll compressor

Performance 16

- NXH6 - Up to 16 SEER with FCM indoor section
- motor* - Hail guard tightwire grille - 1½ - 5 tons

- Scroll compressor

Performance 16

- NXH5 - Up to 15.5 SEER with FCM indoor section
- motor* - Up to 14 SEER with PSC indoor section motor*
- Hail guard tight-wire grille - 11/2 - 5 tons - Scroll compressor

Performance 14

- N4H4 - 14-15 SEER depending
- Hail guard tight-wire grille
- Scroll compressor

- on indoor combination*
- 1½ 5 tons
- Coastal model available 3-phase model

Performance 14 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.

*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

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)
- Scroll compressor - Two-stage scroll (rotary in 018 size) compressor
- Constant torque ECM blower blower motor - Vertical upflow,
- downflow, horizontal

НВ

- Up to 28.8 EER, - Up to 21.7 EER, 4.3 4.6 COP (closed loop) COP (closed loop)
- Up to 29.1 EER, - Up to 28.1 EER, 5.2 COP (open loop) 5.2 COP (open loop)
 - Two-stage scroll compressor

HS

- Use with furnace or fan coil -2-5 tons

HS Split Series

HW

- Up to 22.1 EER, 3.2 COP (closed loop)

HW Water-to-Water Series

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

 $-1\frac{1}{2} - 5$ tons Limited Warranties: ** - Parts & Labor - 10 years, No Hassle Replacement - 5 years (HP, HS, HW) - 10 Years Parts, 5 Years Labor (HB)

- Vertical upflow, horizontal

UP TO 98% CONDENSING GAS FURNACES

-4-WAY MULTI-POSITION

Deluxe 98

F9MAE

- Up to 98% AFUE - 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

F9MXT

- Up to 96% AFUE
- 40 120 MBTUh

SmartComfort 96

- 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.

N9MSE

- Up to 95.5% AFUE

Performance 95

- 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

Deluxe 80 F8MVL

66 - 132 MBTUh

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

Limited Warranties:**

- Heat exchanger 20 Yrs.
- Parts 10 Yrs.
- No Hassle Replacement 10 Yrs. Replacement 5 Yrs.

SmartComfort 80

- F8MTL
- PSC blower
- 33.3-inches tall
- Low NOx

- 2-stage heat - 2-stage cooling

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

- 44 - 132 MBTUh

- motor
- compatible

Limited Warranties:**

- Heat exchanger 20 Yrs.
- Parts 10 Yrs. No Hassle

Limited Warranties:**

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



Limited

- Parts

Warranty:

- 5 Yrs



OIL FURNACES



OUF **PSC**





- Parts - 10 Yrs.



- PSC blower motor - Canada only Limited Warranties** on OMV, OLV:

- No Hassle Replacement - 10 Yrs.

- Heat exchanger - Lifetime



OME PSC blower motor



ECM variable-speed blower motor



- Heat exchanger - Lifetime

- Parts - 10 Yrs.

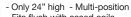


- PSC blower motor

ECM variable-speed blower motor

BLOWERS

Modular Blowers MB/MV/MF Modular Blowers



- Fits flush with cased coils

- Direct drive slide-out

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



- Communicating and self-configuring capabilities

- ECM variablespeed blower motor

Limited Warranties:** - Parts - 10 Yrs. - No Hassle Replacement - 10 Yrs.

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.

FEM4X (TXV) - 11/2 - 4 tons (piston)

- 1½ - 5 tons (TXV)

FEM4P (Piston)

- 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
- Straight cool combinations

FMA4X

- 11/2 3 tons
- TXV
- ECM blower motor
- Free return air front or bottom
 - 14 SEER combinations

FM(C₂U)4P

- 11/2 3 tons Piston
- PSC blower motor
- Ceiling mount

Ceiling Fan Coils

- 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
- Downflow



EHD4

- 2 5 tons - Horizontal

Limited Warranty:** - Parts - 10 Yrs.

DUCTLESS SYSTEMS

A High Wall Single Zone System Heat Pump with Basepan Heater



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
- Optional Low Cabinet Air Leakage model available
- 2 5 ton capacities

Limited Warranties:**

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

- Up to 14.0 SEER 81% AFI JF
- 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

- Up to 14.0 SEER
- 81% AFUE

PGD4

- Aluminized steel tubular heat exchanger
- High-efficiency ECM blower motor
- Dehumidification mode
- Optional Low Cabinet Air Leakage model available
- 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
- Optional Low Cabinet Air Leakage model available
- 2 5 ton capacities

Limited Warranties:**

- Heat exchanger 15 Yrs.
- Parts 10 Yrs.

Performance Packaged AC (PA) & Packaged HP (PH)

- Dedicated Horizontal

- SmartComfort with tin-coat evap coil and hailguard grilles PAR5, PHR5

Packaged Air Conditioners (PA) & Packaged Heat Pumps (PH)

- Up to 16 SEER
- 2-stage scroll compressor High-efficiency ECM
- blower motor
- Tin-coated copper evaporator coil

model available

- Hail guard tight-wire grille
- Optional Low Cabinet Air Leakage
- 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.

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.