

# Tempstar® Packaged Heating & Cooling Systems



**SmartComfort® Series**  
**PHR5/PHD4, PDS4**

**TEMPSTAR®**  
Heating and Cooling Products  
Quality you can feel.



## BUILT WITH STRENGTH

When you choose Tempstar® heating and cooling equipment, you're choosing dependability and innovation in home comfort. We are proud to give you the latest in engineering and technology. Each unit is 100% run tested, and we design our products to give you the best in quality, energy efficiency and reliability. We take pride in surpassing your expectations and delivering quality you can feel.

## BACKED BY EXCEPTIONAL WARRANTIES

The only No Hassle Replacement™ Limited Warranty that you'll find in the industry backs every Tempstar SmartComfort® Series packaged system. It means comfort with no questions. We'll replace your unit if the compressor or coil fails within the covered period. We give you extra coverage in addition to a 10-year parts and compressor limited warranty.\*



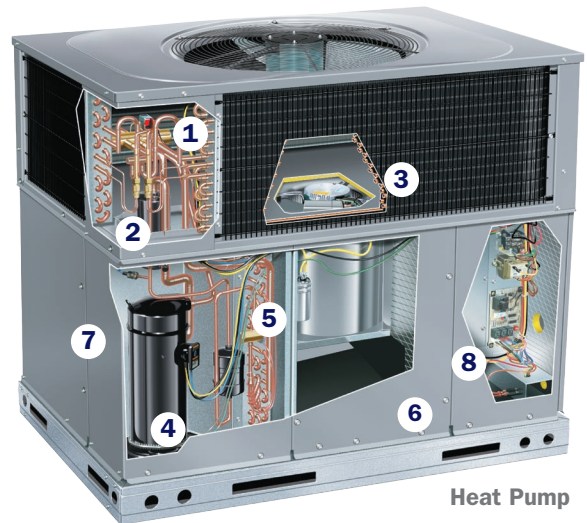
## SMARTCOMFORT® PACKAGED SERIES

The SmartComfort® Packaged Product Series offers our best comfort in every season, from the highest efficiency to the budget-friendly with single- and two-stage heating and cooling as well as efficient blower motors that deliver quiet comfort.

\*To the original owner, Tempstar packaged products are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is 5 years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty. See warranty certificate for complete details.

## WHAT IS A PACKAGED SYSTEM?

Tempstar packaged all-in-one units are designed for the best durability and comfort. The units stay enclosed outside or on roofs and come in a variety of combinations: dual fuel gas furnace/heat pump, gas furnace/air conditioner, electric heat pump and electric air conditioner.



## WHAT SETS TEMPSTAR® PACKAGED UNITS APART?

1. Copper/aluminum coils and quality copper tubing with TVX for proper flow of refrigerant.
2. High- and low-pressure switches to protect system.
3. ECM indoor blower motor provides efficient airflow.
4. Scroll compressor requires no pistons and few moving parts to give you quiet operation along with efficiency. (PGR5/PHR5/PAR5 feature a two-stage scroll compressor.)
5. Tin-coated copper evaporator coil (main tubes) for superior durability.
6. Control panels allow for quicker, easier service access.
7. Rugged pre-painted steel cabinet, full perimeter metal-base rails, and wire grilles to protect the coil.
8. Advanced electronic integrated defrost control switches quietly from cooling to heating—and keeps coils more efficient during operation.



## WHAT MATTERS IN A PACKAGED SYSTEM?

Get the most out of a packaged system by choosing the product that fits your comfort needs. All of our packaged products feature comfort-enhancing and durable features to deliver lasting performance. For greater efficiency in a unit, look for two-stage heating or cooling operation. Our toughest units feature wire hail guard grilles, tin-plated copper evaporator coil tubing, and stainless steel heat exchangers (in gas heating units). And our No Hassle Replacement™ limited warranty is offered on our premium products to give you peace of mind.

Tempstar packaged units offer money savings, increased comfort, durable performance and quiet operation.

## PACKAGED EFFICIENCY RATINGS—WHAT DO THEY MEAN?

**Seasonal Energy Efficiency Ratio (SEER)**—Measures the cooling efficiency of air conditioners and heat pumps during an average cooling season. The higher the SEER, the greater the energy economy.

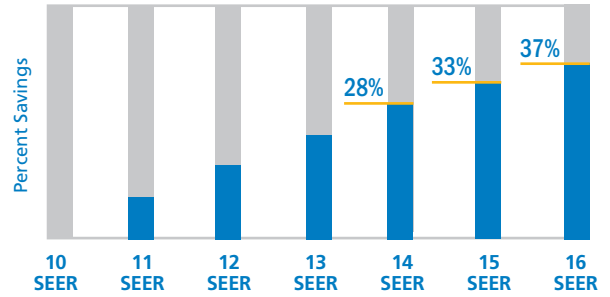
**Heating Seasonal Performance Factor (HSPF)**—Measures the heating efficiency of heat pumps. The higher the HSPF, the greater the efficiency and energy savings potential during heat pump heating.

**Energy Efficiency Rating (EER)**—Measures the cooling efficiency of air conditioners and heat pumps during a set temperature (95° F).

**ENERGY STAR®**—A U.S. Environmental Protection Agency program to identify and promote energy-efficient products in order to reduce energy consumption.

**Annual Fuel Utilization Efficiency (AFUE)**—Measures the heating efficiency of a gas furnace. The higher the AFUE, the greater the gas heating efficiency and energy savings potential.

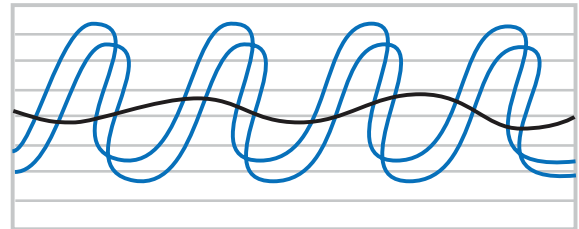
## SEER vs. Cooling Cost Savings



Percentage based on national averages at 10 SEER; may vary according to efficiency of current unit and installation.

## Benefits of Two-Stage Operation

Increases Comfort by Significantly Reducing Hot and Cold Temperature Swings



Typical Single-Stage Operation — —  
Two-Stage Operation — —

### PHR5 SMARTCOMFORT® DELUXE 15 PACKAGED HEAT PUMP

- Up to 15.5 SEER/12.5 EER cooling efficiency
- 8.5 HSPF heating efficiency
- Two-stage heating and cooling for the best temperature control and dehumidification
- High-efficiency multi-speed ECM blower motor
- 5-Year No Hassle Replacement™ Limited Warranty



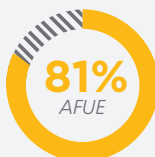
### PHD4 SMARTCOMFORT® 14 PACKAGED HEAT PUMP

- 14 SEER/12 EER cooling efficiency
- 8.0 HSPF heating efficiency
- Multi-speed ECM blower motor for improved temperature control and dehumidification
- Efficient single-stage scroll compressor
- 3-Year No Hassle Replacement™ Limited Warranty



### PDS4 SMARTCOMFORT® 14 PACKAGED HEAT PUMP/GAS FURNACE

- 81% AFUE gas heating efficiency
- 14 SEER/12 EER cooling efficiency
- 8.0 HSPF electric heating efficiency
- Dual fuel energy-wise capable with choice of energy-saving gas or electric heat pump heating
- Multi-speed ECM blower motor for improved temperature and dehumidification
- Efficient single-stage gas valve
- 3-Year No Hassle Replacement™ Limited Warranty



Tempstar® SmartComfort® Series Packaged System Options	Gas Furnace/ Electric Heat Pump Combination		Gas Furnace/ Air Conditioner Combinations		Heat Pumps		Air Conditioners	
	PDS4	PGR5	PGS4	PHR5	PHD4	PAR5	PAD4	
<b>Comfort Features</b>								
Summer Dehumidification	<b>Better</b>	<b>Best</b>	<b>Better</b>	<b>Best</b>	<b>Better</b>	<b>Best</b>	<b>Better</b>	
Temperature Control	<b>Better</b>	<b>Best</b>	<b>Better</b>	<b>Best</b>	<b>Better</b>	<b>Best</b>	<b>Better</b>	
<b>Efficiency</b>								
Cooling SEER	<b>14</b>	<b>Up to 16</b>	<b>14</b>	<b>Up to 15.5</b>	<b>14</b>	<b>Up to 16</b>	<b>14</b>	
Electric Heating HSPF	<b>8</b>			<b>Up to 8.5</b>	<b>8</b>			
Gas Heating AFUE	<b>81%</b>	<b>81%</b>	<b>81%</b>					
<b>Design Features</b>								
Dual Fuel Heating	•							
Gas Valve Stages	<b>1</b>	<b>2</b>	<b>1</b>					
High-Efficiency, Multi-Speed ECM Blower	•	•	•	•	•	•	•	
Compressor Stages	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	
<b>Peace of Mind</b>								
10-Year Parts Limited Warranty	•	•	•	•	•	•	•	
No Hassle Replacement™ Limited Warranty	<b>3-Year</b>	<b>5-Year</b>	<b>3-Year</b>	<b>5-Year</b>	<b>3-Year</b>	<b>5-Year</b>	<b>3-Year</b>	
Heat Exchanger Limited Warranty	<b>Lifetime</b>	<b>Lifetime</b>	<b>Lifetime</b>					

Many models are ENERGY STAR® qualified. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

Timely registration required for 10 year parts limited warranty and lifetime heat exchanger limited warranty. Limited warranty period is 5 years for parts and 20 years for heat exchanger if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty periods. Please see warranty certificate for further details and restrictions.

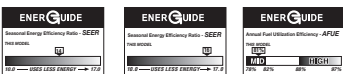
Tin-coated copper evaporator coil and stainless steel heat exchanger (if applicable) are required to receive the No Hassle Replacement™ limited warranty and is indicated in the model number. See warranty certificate for details.

**IMPORTANT NOTE:** All SmartComfort® small package systems have either a TP or GP in the 11th and 12th position of the model number, representing the tin-coated copper evaporator coil (main tubes) feature. All SmartComfort gas/electric or dual fuel models also use an S or an R in the 3rd position of the model number, representing the stainless steel heat exchanger feature. See warranty certificate for further details.

All systems tested and listed by the appropriate agencies.



ISO 9001: 2000 Registered



As part of its commitment to quality, International Comfort Products reserves the right to change specifications on its products without notice. Illustrations and photographs in this brochure are only representative. Some product models may vary.



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