

# Arcoaire® Packaged Heating & Cooling Systems

**Arcoaire®**  
Air Conditioning & Heating  
*Enduring Performance.*



**DuraComfort™ Series  
PAR5/PGR5, PGS4/PAD4**





## Built with strength

When you choose Arcoaire® heating and cooling equipment, it means your home comfort is backed by superior engineering and quality manufacturing so you can enjoy more important things. Each unit is 100% run tested, and we design our products to give you the best in quality, energy efficiency and reliability. It's our tradition to deliver products that exceed your expectations.

## Backed by exceptional warranties

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

**NO  
hassle**  
REPLACEMENT™  
LIMITED WARRANTY  
See warranty certificate for details.

**10 year**  
parts  
limited  
warranty  
Timely registration required.  
See warranty certificate for  
details and restrictions.

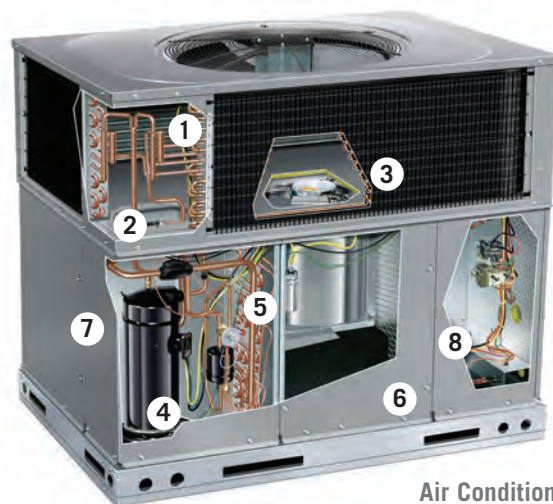
## DuraComfort™ packaged series

The DuraComfort™ 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, when product is used in an owner-occupied residence, a 10-year parts limited warranty upon timely registration of your new equipment. Warranty period is 5 years if not registered within 90 days. 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?

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



Air Conditioner

## What sets Arcoaire® 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/PAR5 features a two-stage scroll compressor.)
5. Tin-coated copper evaporator coil (main tubes) for 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. Arcoaire 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.

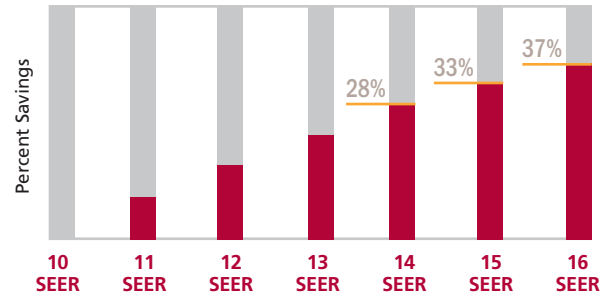
**Heating Seasonal Performance Factor (HSPF)**—Measures the heating efficiency of heat pumps. The higher the HSPF, the greater the efficiency and energy savings potential during heat pump heating.

**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.

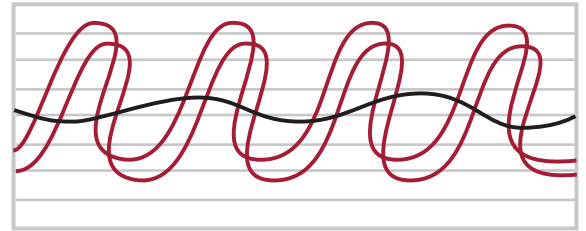
## SEER vs. Cooling Cost Savings



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 — —

### For California Residents:

For installation in SCAQMD only: Models PGR5 and PGS4 do not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit, and thus are subject to a mitigation fee of up to \$450. These products are not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).

### PAR5 DuraComfort® Deluxe 16 Packaged Air Conditioner

- Up to 16 SEER/12.5 EER cooling efficiency
- Two-stage cooling for the best temperature control and dehumidification
- High-efficiency multi-speed ECM blower motor
- 5-Year No Hassle Replacement™ Limited Warranty



### PAD4 DuraComfort® 14 Packaged Air Conditioner

- Up to 14.5 SEER/11 EER cooling efficiency
- Multi-speed ECM blower motor for improved temperature control and dehumidification
- Efficient single-stage scroll compressor
- 3-Year No Hassle Replacement™ Limited Warranty



### PGR5 DuraComfort® Deluxe 15 Packaged Gas Furnace/Air Conditioner

- 81% AFUE heating efficiency
- Up to 16 SEER/12.5 EER cooling efficiency
- Two-stage heating for the best temperature control and dehumidification
- High-efficiency multi-speed ECM blower motor
- 5-Year No Hassle Replacement™ Limited Warranty



### PGS4 DuraComfort® 14 Packaged Gas Furnace/Air Conditioner

- 81% AFUE heating efficiency
- 14 SEER/11 EER cooling efficiency
- Multi-speed ECM blower motor for improved temperature control and dehumidification
- Efficient single-stage scroll compressor
- 3-Year No Hassle Replacement™ Limited Warranty



Arcoaire® DuraComfort™ 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>Up to 14.5</b>	<b>Up to 16</b>	<b>14</b>	<b>Up to 15.5</b>	<b>Up to 14.5</b>	<b>Up to 16</b>	<b>Up to 14.5</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-yr</b>	<b>5-yr</b>	<b>3-yr</b>	<b>5-yr</b>	<b>3-yr</b>	<b>5-yr</b>	<b>3-yr</b>
Heat Exchanger Limited Warranty	<b>Lifetime</b>	<b>Lifetime</b>	<b>Lifetime</b>				

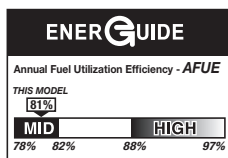
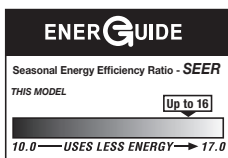
Many models are ENERGY STAR® qualified. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

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 DuraComfort™ 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 DuraComfort 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.



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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.