

Arcoaire® Packaged Heating & Cooling Systems

Arcoaire®
Air Conditioning & Heating
Enduring Performance.



QuietComfort® Series
PHR5/PHD4, PDS4





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 exceptional quality, energy efficiency and reliability. We deliver products that deliver home comfort you can enjoy with confidence.

Backed by exceptional warranties

Our No Hassle Replacement™ limited warranty backs every Arcoaire QuietComfort® Series packaged system. It means comfort with no questions. We'll replace your unit if the compressor or condenser coil fails within the covered period.* This provides extra coverage in addition to a 10-year parts limited warranty.**

**NO
hassle**
REPLACEMENT™
LIMITED WARRANTY*

10 year
parts
limited
warranty**

Timely registration required.
See warranty certificate for details and restrictions.

QuietComfort Packaged Series

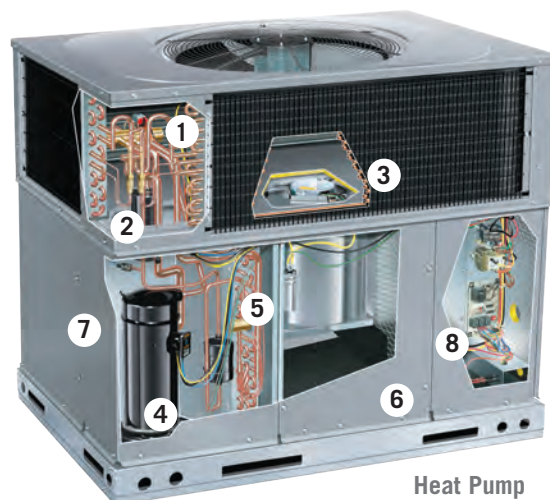
The QuietComfort Packaged Product Series offers extreme comfort in every season, from high-efficiency to budget-friendly options with single- and two-stage heating and cooling, as well as efficient blower motors that deliver quiet comfort.

* See No Hassle Replacement limited warranty certificate for complete details and exclusions.

** To the original owner, Arcoaire 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 except in jurisdictions where warranty benefits cannot be conditioned upon registration. See warranty certificate for complete details.

What is a packaged system?

Arcoaire packaged all-in-one units are designed for 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.



What sets Arcoaire® packaged units apart?

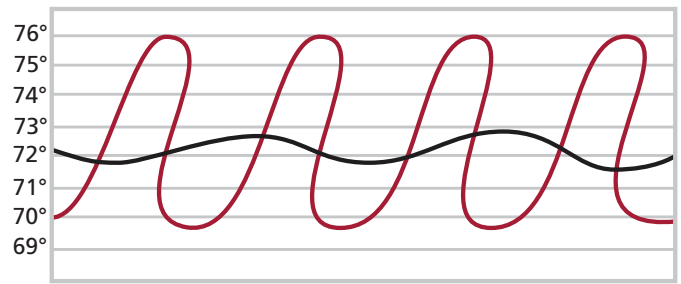
1. Copper/aluminum coils and quality copper tubing with TVX for proper flow of refrigerant.
2. High- and low-pressure switches to protect system.
3. ECM indoor blower motor provides efficient airflow.
4. Scroll compressor requires no pistons and few moving parts to give you quiet operation along with efficiency. (PHR5 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 include comfort enhancing and durable features to deliver lasting performance. For the ultimate of comfort, 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 energy efficiency, increased comfort, durable performance and quiet operation.

Benefits of Two-Stage Operation*

Increases Comfort by Significantly Reducing Hot and Cold Temperature Swings



Typical Single-Stage Operation ———
Low-Stage Operation of a Two-Stage Unit ———

* Performance may vary depending on thermostat used.

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).

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.

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

For California Residents:

For installation in SCAQMD only: Model PDS4 does not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit, and thus is subject to a mitigation fee of up to \$450. This product is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

PHR5 QuietComfort® 15 Packaged Heat Pump

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



For packaged heat pumps, with advanced dehumidification variable-speed blower option, you gain maximum comfort with better summer humidity control and more consistent air temperatures along with quieter operation. Less humidity means you'll feel cooler at slightly warmer temperatures.

PHD4 QuietComfort® 14 Packaged Heat Pump

- Up to 14.5 SEER/12 EER cooling efficiency
- Up to 8.0 HSPF heating efficiency
- Multi-speed ECM blower motor for efficient temperature control and dehumidification
- Efficient single-stage scroll compressor
- 3-Year No Hassle Replacement™ Limited Warranty*



PDS4 QuietComfort® 14 Packaged Heat Pump/Gas Furnace

- Up to 81% AFUE gas heating efficiency
- Up to 14.5 SEER/12 EER cooling efficiency
- Up to 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*



* See No Hassle Replacement limited warranty certificate for complete details and exclusions.

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Arcoaire® QuietComfort® 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
Comfort Features							
Summer Dehumidification	Better	Best	Better	Best	Better	Best	Better
Temperature Control	Better	Best	Better	Best	Better	Best	Better
Efficiency							
Cooling SEER	Up to 14.5	Up to 16	Up to 14	Up to 15.5	Up to 14.5	Up to 16	Up to 14
Electric Heating HSPF	Up to 8			Up to 8.5	Up to 8		
Gas Heating AFUE	Up to 81%	Up to 81%	Up to 81%				
Design Features							
Dual Fuel Heating	•						
Gas Valve Stages	1	2	1				
High-Efficiency, Multi-Speed ECM Blower	•	•	•	•	•	•	•
Compressor Stages	1	2	1	2	1	2	1
Peace of Mind							
10-Year Parts Limited Warranty**	•	•	•	•	•	•	•
No Hassle Replacement™ Limited Warranty*	3-yr	5-yr	3-yr	5-yr	3-yr	5-yr	3-yr
Heat Exchanger Limited Warranty**	Lifetime	Lifetime	Lifetime				

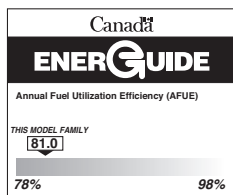
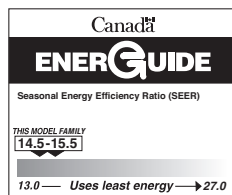
Many models are ENERGY STAR® qualified. Ask your contractor for details or visit www.energystar.gov.

* See No Hassle Replacement limited warranty certificate for complete details and exclusions.

** 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 except in jurisdictions where warranty benefits cannot be conditioned upon registration. Please see warranty certificate for further details and restrictions.

IMPORTANT NOTE: All QuietComfort® small packaged 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 QuietComfort 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



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