

Small Package Products

| Arcoaire® Small Package Product Options | DURACOMFORT™ | | | | | | | PERFORMANCE | | | | | |
|---|--|---|----------|------------|------------|------------------|------------|--|---|------------|------------|------------------|------------|
| | Gas Furnace/ Electric Heat Pump Combination | Gas Furnace/ Air Conditioner Combinations | | Heat Pumps | | Air Conditioners | | Gas Furnace/ Electric Heat Pump Combination | Gas Furnace/ Air Conditioner Combinations | Heat Pumps | | Air Conditioners | |
| | PDS4 | PGR5 | PGS4 | PHR5 | PHD4 | PAR5 | PAD4 | PDD4 | PGD4 | PHD4 | PHJ4 | PAD4 | PAJ4 |
| Comfort Features | | | | | | | | | | | | | |
| Summer Dehumidification | Better | Best | Better | Best | Better | Best | Better | Better | Better | Better | Good | Better | Good |
| Temperature Control | Better | Best | Better | Best | Better | Best | Better | Better | Better | Better | Good | Better | Good |
| Efficiency | | | | | | | | | | | | | |
| Cooling SEER | Up to 14.5 | Up to 16 | 14 | Up to 16 | Up to 14.5 | Up to 16 | Up to 14.5 | Up to 14.5 | Up to 14 | Up to 14.5 | Up to 14.5 | Up to 14.5 | Up to 14.5 |
| Electric Heating HSPF | 8 | | | Up to 8.5 | 8 | | | 8 | | 8 | 8 | | |
| Gas Heating AFUE | 81% | 81% | 81% | | | | | 81% | 81% | | | | |
| Design Features | | | | | | | | | | | | | |
| Dual Fuel Heating | • | | | | | | | • | | | | | |
| Gas Valve Stages | 1 | 2 | 1 | | | | | 1 | 1 | | | | |
| High-Efficiency, Multi-Speed ECM Blower | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Compressor Stages | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Peace of Mind | | | | | | | | | | | | | |
| 10-Year Parts Limited Warranty¹ | • | • | • | • | • | • | • | • | • | • | • | • | • |
| No Hassle Replacement™ Limited Warranty² | 3-yr | 5-yr | 3-yr | 5-yr | 3-yr | 5-yr | 3-yr | | | * | | * | |
| Heat Exchanger Limited Warranty¹ | Lifetime | Lifetime | Lifetime | | | | | 15-yr | 15-yr | | | | |

* Three-year No Hassle Replacement™ limited warranty for tin-coated coil models.

#1 – Arcoaire gas and oil furnaces and R410A-based air conditioners, heat pumps, fan coils, geothermal, ductless systems and small package products carry a **ten (10) year limited warranty on parts**, including compressor and condensor coil, to the original owner, when product is used in a residential application and properly registered within 90 days after original installation. (See Warranty Certificate for registration instructions. Registration not required in all jurisdictions.) Otherwise, the warranty period is **five (5) years** from the date of installation. Heat exchangers carry longer limited warranty coverage

that applies to original homeowners with timely registration. Otherwise, heat exchanger warranties are 10–20 years from date of installation, depending on model. Check individual listings. Restrictions apply. See Warranty Certificate for details.

#2 – See Warranty Certificate for details on the No Hassle Replacement™ limited warranty. Go to Arcoaire.com to view the most current and complete Warranty Certificate for further details.

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

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. Wi-Fi® is a registered trademark of the Wi-Fi Alliance Corporation.

© 2017 International Comfort Products



PO Box 128
Lewisburg, TN 37091

Arcoaire.com

Part No. 40132063001
Printed 12/17

Arcoaire® Residential Warranties at a Glance



Maximum strength warranties for homeowners

Every Arcoaire® home comfort product is backed the way it's built—to be the best. How do you know for sure? Warranty coverage. When it comes to such a major investment, there's no better gauge of quality. Maximum strength warranties give you exceptional protection and provide lasting satisfaction with your Arcoaire product. Your heating and air conditioning dealer will recommend the best product options for your home and installation requirements.

No Hassle Replacement™ limited warranty

Select Arcoaire heating and cooling products provide a one-time equivalent unit replacement if the compressor, outdoor coil, evaporator coil (fan coils only), or heat exchanger should fail during the No Hassle Replacement™ limited warranty period, which varies in length of coverage from 1 to 10 years to the original purchaser. As the product features and efficiencies get better, so does the No Hassle Replacement limited warranty in order to give you the maximum protection for your heating and cooling system.

**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.

Parts limited warranty

Arcoaire gas and oil furnaces and R410A-based air conditioners, heat pumps, fan coils, geothermal, ductless systems and small package products carry a 10-year limited warranty on parts to the original owner, when product is used in a residential application and properly registered within 90 days after original installation. Otherwise, the parts warranty period is five years from the date of installation. The remainder of the first five years of parts warranty is available to subsequent owners, but such coverage terminates on the five-year anniversary of the original installation of the product. Please see additional key component warranty details below:

The heart of the heating system

Arcoaire Air Conditioning & Heating backs the heat exchanger with longer limited warranty periods (up to lifetime available on select models) to the original owner, when product is used in a residential application and properly registered within 90 days after original installation. Coverage varies by furnace type, so please see enclosed charts for length of coverage details.

The heart of the cooling system

Compressors in Arcoaire cooling products utilizing environmentally sound R410A refrigerant carry a 10-year limited warranty to the original owner, when product is used in a residential application and properly registered within 90 days after original installation.



Furnaces

| Arcoaire® Gas Furnace Options | DURACOMFORT® DELUXE | | | DURACOMFORT® | | | PERFORMANCE | | | |
|---|---------------------|----------|-------|--------------|----------|--------|-------------|------------|-------|------|
| | F9MAE | F9MVE | F8MVL | F9MXT | F9MXE | F8MTL | N9MSE | N9MSB | N8MXL | N8MS |
| Comfort Features | | | | | | | | | | |
| Quiet Operation | Best | Best | Best | Better | Better | Better | Good | Good | Good | Good |
| Temperature Control | Best | Best | Best | Better | Better | Better | Good | Good | Good | Good |
| Efficiency | | | | | | | | | | |
| Heating AFUE | Up to 98 | Up to 96 | 80 | Up to 96 | Up to 96 | 80 | Up to 95.5 | Up to 92.1 | 80 | 80 |
| SEER Boosting ECM Fan Motor | • | • | • | • | • | | | | • | |
| Design Features | | | | | | | | | | |
| Observer® Communicating System Compatible (When Installed with Observer Wall Control with Wi-Fi®) | • | • | • | | | | | | | |
| Modulating (Multi-Stage) Gas Valve | • | | | | | | | | | |
| Two-Stage Gas Valve | | • | • | • | | • | | | | |
| Variable-Speed Fan Motor | • | • | • | | | | | | | |
| Peace of Mind | | | | | | | | | | |
| 10-Year Parts Limited Warranty¹ | • | • | • | • | • | • | • | • | • | • |
| No Hassle Replacement™ Limited Warranty² | 10-yr | 10-yr | 10-yr | 5-yr | 1-yr | 5-yr | | | | |

Ductless Systems

| Arcoaire® Ductless System Options | SINGLE ZONE | | | | | MULTI-ZONE | | | | | |
|--|----------------------------------|------------|------------|-------------|-------------------------------------|----------------------------------|-----------|-----------|----------|--------|---------------|
| | DELUXE | COMFORT | COMFORT | PERFORMANCE | | DELUXE | | | | | |
| Indoor | DLFAHH | DLFCAB | DLFCHB | DLFDAB | DLFDHB | DLFAHH | DLFBHB | DLFCHB | DLFBHC | DLFBHD | DLFBHF |
| Outdoor | DLCAHB | DLCCAR | DLCCHR | DLCDAR | DLCDHR | DLCBHR | | | | | |
| Type of System | | | | | | | | | | | |
| Type of Indoor Unit | High Wall | High Wall | High Wall | High Wall | High Wall | High Wall | High Wall | High Wall | Cassette | Ducted | Floor Console |
| Cooling Only | | • | | • | | | | | | | |
| Heat Pump | • | | • | | • | • | | | | | |
| Comfort Features | | | | | | | | | | | |
| Temperature Control | Best | Better | Better | Good | Good | Best | Better | Better | Best | Best | Best |
| Up-Down Auto Swing | • | • | • | • | • | • | • | • | • | | • |
| Left-Right Auto Swing | • | | | | | • | • | | | | |
| Wireless Remote Control | • | • | • | • | • | • | • | • | • | • | • |
| Wired Remote Control | | Optional | Optional | Optional | Optional | | Optional | Optional | • | • | |
| Efficiency | | | | | | | | | | | |
| Cooling SEER | Up to 30.5 | Up to 23.0 | Up to 23.0 | 16.0 | 16.0 | Up to 22.0 | | | | | |
| Heating HSPF | Up to 10.3 | | Up to 10.5 | | 10.55 | Up to 10.2 | | | | | |
| ENERGY STAR® Certified (Select Sizes) | • | • | • | | | • | | | | | |
| Sound | | | | | | | | | | | |
| Lowest Sound Pressure dB(A) (Indoor)* | 26 | 26 | 26 | 28 | 28 | 26 | 33 | 26 | 35 | 31 | 25 |
| Lowest Sound Pressure dB(A) (Outdoor)* | 53 | 53 | 53 | 52 | 52 | 56 | | | | | |
| Design Features | | | | | | | | | | | |
| Variable-Speed Inverter Compressor | • | • | • | • | • | • | | | | | |
| Basepan Heater Factory Installed | • | | • | | • | • | | | | | |
| Number of Indoor Fan Speeds | 8 when cooling 7 when heating | 4 | 4 | 4 | 4 on sizes 9-24 3 on sizes 30-36 | 8 when cooling 7 when heating | 7 | 4 | 4 | 4 | 7 |
| Peace of Mind | | | | | | | | | | | |
| 10-Year Parts Limited Warranty¹ | • | • | • | • | • | • | | | | | |

* Sound levels represent the lowest decibel level achieved from the quietest size within each model group during low fan-speed operation.

Split Systems

| | DURACOMFORT™ DELUXE | | DURACOMFORT™ | | | PERFORMANCE | | | | | |
|---|------------------------|------------|---------------|-----------|--------|-------------|---------------|---------------|-------|-------|-------|
| Arcoaire® Split System Air Conditioner Options | HVA9 | HCA7 | HSA6 | HSA5 | H4A3 | N4A7 | NXA6/ N4A6 | NXA4/ N4A5 | N4A4* | NH4A4 | N4A3 |
| Arcoaire® Split System Heat Pump Options | HVH8 | HCH6 | HSH5/ HSH6 | HSH4 | | N4H6 | NXH5/ NXH6 | N4H4* | | NH4H4 | |
| Comfort Features | | | | | | | | | | | |
| Summer Dehumidification | Best | Best | Better | Better | Better | Better | Good | Good | Good | Good | Good |
| Temperature Control | Best | Best | Better | Better | Better | Better | Good | Good | Good | Good | Good |
| Efficiency | | | | | | | | | | | |
| Cooling SEER | Up to 19 | Up to 17.5 | Up to 17 | Up to 15 | 13 | Up to 17.5 | Up to 17 | 14.5 | 14 | 14 | 13–14 |
| Electric Heating HSPF (Heat Pumps only) | Up to 11 | Up to 9.5 | Up to 9 | Up to 8.2 | | Up to 9.5 | Up to 9 | 8.2 | | 8.2 | |
| Design Features | | | | | | | | | | | |
| Observer® Communicating System Compatible (When Installed with Observer Wall Control with Wi-Fi®) | • | • | • | • | | | | | | | |
| Compressor Stages | Variable | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| Compressor Sound Jacket | • | • | • | • | • | | | | | | |
| Multi-Speed Fan Motor | • | • | | | • | • | | | | | |
| Peace of Mind | | | | | | | | | | | |
| 10-Year Parts Limited Warranty¹ | • | • | • | • | • | • | • | • | • | • | • |
| No Hassle Replacement™ Limited Warranty² | 10-yr | 10-yr | 5-yr | 3-yr | 1-yr | | | | | | |

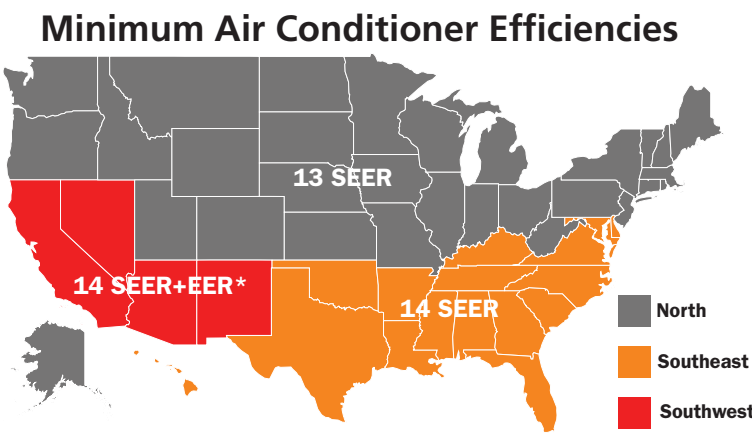
* Coastal model available

Geothermal

| Arcoaire® Geothermal Options | HP SERIES | HB SERIES | HS SERIES | HW SERIES |
|---|------------------|--------------|------------------|--------------|
| Comfort Features | | | | |
| Temperature Control | Best | Better | Best | Best |
| Heating Stages (with Aux. Heat) | 3 | 2 | 3 | 2 |
| Cooling Stages | 2 | 1 | 2 | 2 |
| Efficiency | | | | |
| Cooling EER (Closed Loop) | Up to 24.5 | Up to 21.7 | Up to 24.7 | Up to 22.1 |
| Heating COP (Closed Loop) | Up to 4.0 | Up to 4.3 | Up to 4.6 | Up to 3.2 |
| ENERGY STAR® Qualified | • | • | • | • |
| Design Features | | | | |
| Optional Hot Water Feature | Optional | Optional | • | • |
| Air Filter, MERV 8, 2" | • | • | | |
| Compressor Stages | 2 | 1 | 2 | 2 |
| Cabinet Insulation | Closed Cell Foam | Fiberglass | Closed Cell Foam | Fiberglass |
| Peace of Mind | | | | |
| 10-Year Parts Limited Warranty | • | • | • | • |
| 10-Year Limited Labor Warranty | • | | • | • |
| 5-Year Limited Labor Warranty | | • | | |
| No Hassle Replacement™ Limited Warranty | 5-yr | | 5-yr | 5-yr |

Fan Coils

| Arcoaire® Fan Coil Options | FCM | FVM | FXM | FEM | FMA |
|---|-------|-------|--------|--------|------|
| Comfort Features | | | | | |
| Summer Dehumidification | Best | Best | Better | Better | Good |
| Temperature Control | Best | Best | Better | Better | Good |
| Efficiency | | | | | |
| SEER Boosting ECM Fan Motor | • | • | • | • | |
| Design Features | | | | | |
| Observer® Communicating System Compatible (When Installed with Observer Wall Control with Wi-Fi®) | • | | | | |
| Variable-Speed Fan Motor | • | • | | | |
| Peace of Mind | | | | | |
| 10-Year Parts Limited Warranty¹ | • | • | • | • | • |
| No Hassle Replacement™ Limited Warranty² | 10-yr | 10-yr | 5-yr | 1-yr | |



On January 1, 2015, a new set of minimum efficiency standards took effect. Under the new standards, there are different efficiency minimums for air conditioners in each of three regions—North, Southeast and Southwest. The national minimum efficiency standard for heat pumps is 14 SEER/8.2 HSPF.

*12.2 EER<45,000 Btu/h, 11.7 EER≥45,000 Btu/h