

# Arcoaire® Split System Heat Pumps

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



**Performance Series  
NH4H4, N4H4, NXH5,  
NXH6, N4H6**



## Built with strength

Choosing Arcoaire® heating and cooling equipment means relaxing with confidence, knowing your home comfort is the result of detailed design and meticulous manufacturing. Every unit we make is rigorously tested, including a helium leak check of the coil and scanning all major components to verify build accuracy. The final, completed units are 100% run-tested to ensure the exceptional quality, performance and reliability you expect from Arcoaire.

## Backed by exceptional warranties

You get dependable comfort with every Arcoaire product. Arcoaire Performance Series heat pumps are covered by a 10-year parts limited warranty.\*



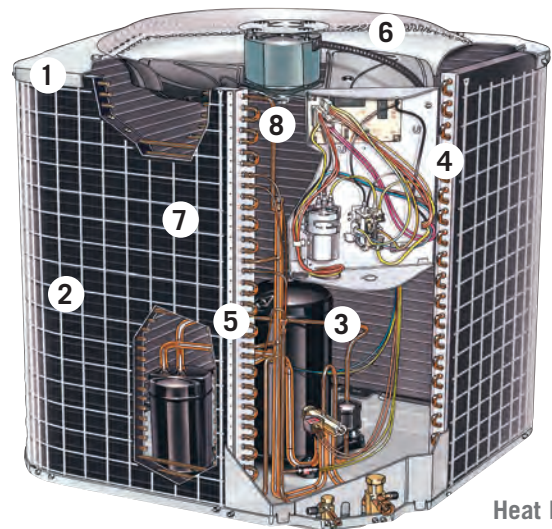
## What is a split system heat pump?

Arcoaire split system heat pumps are designed for durability and comfort. Properly matched combinations of an outdoor heat pump and a separate indoor unit can be customized to provide cooling, gas heating, and/or electric heating. By combining the appropriate indoor unit with a matching outdoor unit, various combinations of cooling and heating methods can be created for a great combination of comfort, efficiency and economy.

*\* To the original owner, Arcoaire products are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five 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 sets Arcoaire® heat pumps apart?

1. Durable galvanized steel construction with baked-on paint finish built to weather the seasons.
2. Post-painted fin stock and coated wire grille guard against corrosion. The grille spacing protects the coil but allows for easy cleaning.
3. Scroll compressor operates with proven efficiency and reliability.
4. Control panel allows for easier, quicker service access.
5. Compressor is housed in an extra-thick shell for added protection and durability.
6. Top-discharge design improves airflow and minimizes noise.
7. Durable copper tubing, aluminum fin coil, and fins that are post-painted for protection help maintain efficiency.
8. Integrated solid state controls make the change from heating to cooling go smoothly.



Heat Pump

## What matters in a split system heat pump?

Get the most out of a split system by choosing the heat pump that fits your comfort needs. All of our heat pumps include comfort enhancing and durable features to deliver lasting performance. For the ultimate combination of comfort, efficiency and convenience, ask about our Ion™ communicating system models with Wi-Fi® capability. For year-round efficiency in a unit, look for two-stage or variable-speed compressor operation. Our quietest outdoor units feature wire hail guard grilles, corner posts, and compressor sound jackets. Arcoaire split system heat pumps offer energy efficiency, increased comfort, durable performance, and quiet operation.

*Wi-Fi® is a registered trademark of Wi-Fi Alliance Corporation*

## 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.



### N4H4 Performance 14 Heat Pump



- 14-15 SEER/11.5 EER cooling efficiency
- 8.2 HSPF heating efficiency
- Single-stage cooling and heating for temperature and humidity control
- Single-speed fan motor with quiet operation
- 10-year parts limited warranty\* (upon timely registration)
- Coastal model available (N4H4\*\*C)

### NH4H4 Performance 14 Heat Pump



- 14-15 SEER/11.5 EER cooling efficiency
- 8.2 HSPF heating efficiency
- Narrow cabinet design
- Single-stage cooling and heating for temperature and humidity control
- Single-speed fan motor with quiet operation
- 10-year parts limited warranty\* (upon timely registration)

### NXH5 Performance 15 NXH6 Performance 16 Heat Pumps



- Up to 16 SEER/13 EER cooling efficiency
- Up to 9 HSPF heating efficiency
- Single-stage cooling and heating for temperature and humidity control
- Single-speed fan motor with quiet operation
- 10-year parts limited warranty\* (upon timely registration)



### N4H6 Performance 16 Heat Pump



- Up to 17.5 SEER/13 EER cooling efficiency
- Up to 9.5 HSPF heating efficiency
- Two-stage cooling for improved temperature and summer humidity control
- Two-speed fan motor with quiet operation
- 10-year parts limited warranty\* (upon timely registration)



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

\* To the original owner, Arcoaire® products are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five 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.

	ION™ SYSTEM				PERFORMANCE SERIES			
Arcoaire® Split System Heat Pump Options	HVH8	HCH6	HSH5/ HSH6	HSH4	N4H6	NXH5/ NXH6	N4H4†	NH4H4
<b>Comfort Features</b>								
Summer Dehumidification	Best	Best	Better	Better	Better	Good	Good	Good
Temperature Control	Best	Best	Better	Better	Better	Good	Good	Good
<b>Efficiency</b>								
Cooling SEER	Up to 19	Up to 17	Up to 16	Up to 15	Up to 17.5	Up to 17	Up to 15	14-15
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
<b>Design Features</b>								
Ion™ System Compatible	•	•	•	•				
Compressor Stages	Variable	2	1	1	2	1	1	1
Compressor Sound Jacket	•	•	•	•				
Multi-Speed Fan Motor	•				•			
<b>Peace of Mind</b>								
10-Year Parts Limited Warranty*	•	•	•	•	•	•	•	•
No Hassle Replacement™ Limited Warranty**	10-yr	10-yr	5-yr	3-yr				

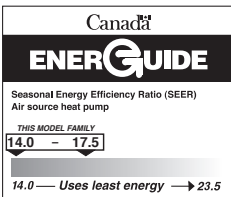
† Coastal model available

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. Limited warranty period is five years for parts 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.

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

All systems tested and listed by the appropriate agencies.



ISO 9001: 2000 Registered



PO Box 128  
Lewisburg, TN 37091

[Arcoaire.com](http://Arcoaire.com)

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.

Third-party trademarks and logos are the property of their respective owners.

Part No. 428 32 5410 00  
Printed 8/2020  
NH4H4/N4H4/NXH5/NXH6/N4H6 Series  
©2020 Carrier. All Rights Reserved.