

# Comfort™ Series Heat Pumps with Puron® Refrigerant



Turn to the Experts.™

**Comfort**<sup>™</sup>  
SERIES



Energy Efficient Heat Pumps with up to 16.0 SEER and 9.0 HSPF

## Efficiency

Because heat pumps provide both heating and cooling, their efficiency is measured with two distinct ratings. While in the cooling mode, heat pumps receive a Seasonal Energy Efficiency Ratio or SEER number. SEER is like gas mileage. The higher the gas mileage or SEER, the more efficient the automobile or system is. Most new heat pumps rate between 13.0 and 19.0 SEER.



While in the heating mode, heat pumps also receive a Heating Seasonal Performance Factor or HSPF rating. Again, the higher the number, the more efficiently the system works. Most new units have ratings between 7.7 and 9.0 HSPF.

- As an ENERGY STAR® partner, Carrier Corporation has determined that the Comfort™ Series heat pumps that achieve system combinations of 14.0 SEER, 8.2 HSPF and 11.5 EER or higher meet the ENERGY STAR® guidelines for energy efficiency.



## Things to Consider Before You Buy

### Puron® Refrigerant

Puron® refrigerant is environmentally sound and won't deplete the ozone layer. Carrier introduced Puron® refrigerant a full six years ahead of the competition, paving the way for the future. The Clean Air Act of 1990 prohibits the production of HCFC-based heat pumps and heat pumps by 2010, and bans Freon®-22\* production by 2020. As Freon® production reduces, its cost is predicted to increase.



Freon®-12 in the automotive industry increased by a whopping 800% in a short seven years! Ensure your cooling costs by investing in systems with Puron® refrigerant — the environmentally sound, efficient and dependable refrigerant designed for the future. Carrier's Comfort™ Series heat pumps with Puron® refrigerant deliver excellent efficiency, reliability and proven performance.

### Comfort

Carrier specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. Your Carrier dealer can help you choose the best system for your home including Carrier-exclusive features that further enhance your indoor environment.

- Carrier's Hybrid Heat™ delivers peace of mind to homeowners concerned about the unpredictable nature of utility costs.

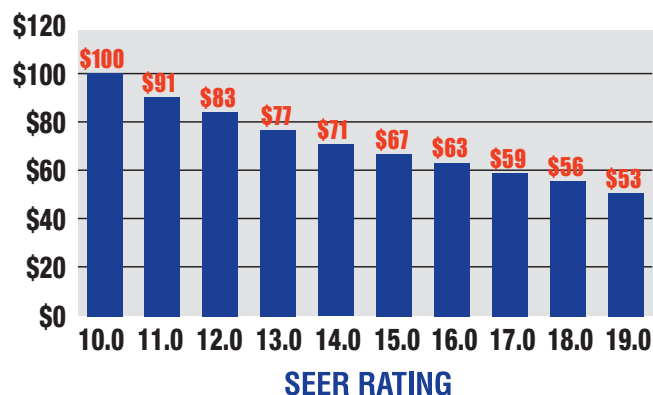
Hybrid Heat pairs a gas furnace with an electric heat pump to provide comfort, economy and flexibility. Your Carrier Hybrid Heat system will automatically switch between



electric and gas heating as needed to keep your home comfortable all winter long while optimizing the efficiencies of each fuel source. And, because the heat pump also delivers cool comfort when it's hot outside, your Hybrid Heat system is a complete, year-round indoor comfort solution. Ask your Carrier dealer if Hybrid Heat is right for you.

### Greater Operational Efficiency

Carrier's Comfort™ Series heat pumps are available with efficiency ratings of up to 16.0 SEER when cooling and up to 9.0 HSPF when heating. For every \$100 spent to cool your home using a 10.0 SEER heat pump, a 16.0 SEER heat pump should cost you approximately \$63. Actual savings will depend on the efficiency of your current system compared to the efficiency of a new system.

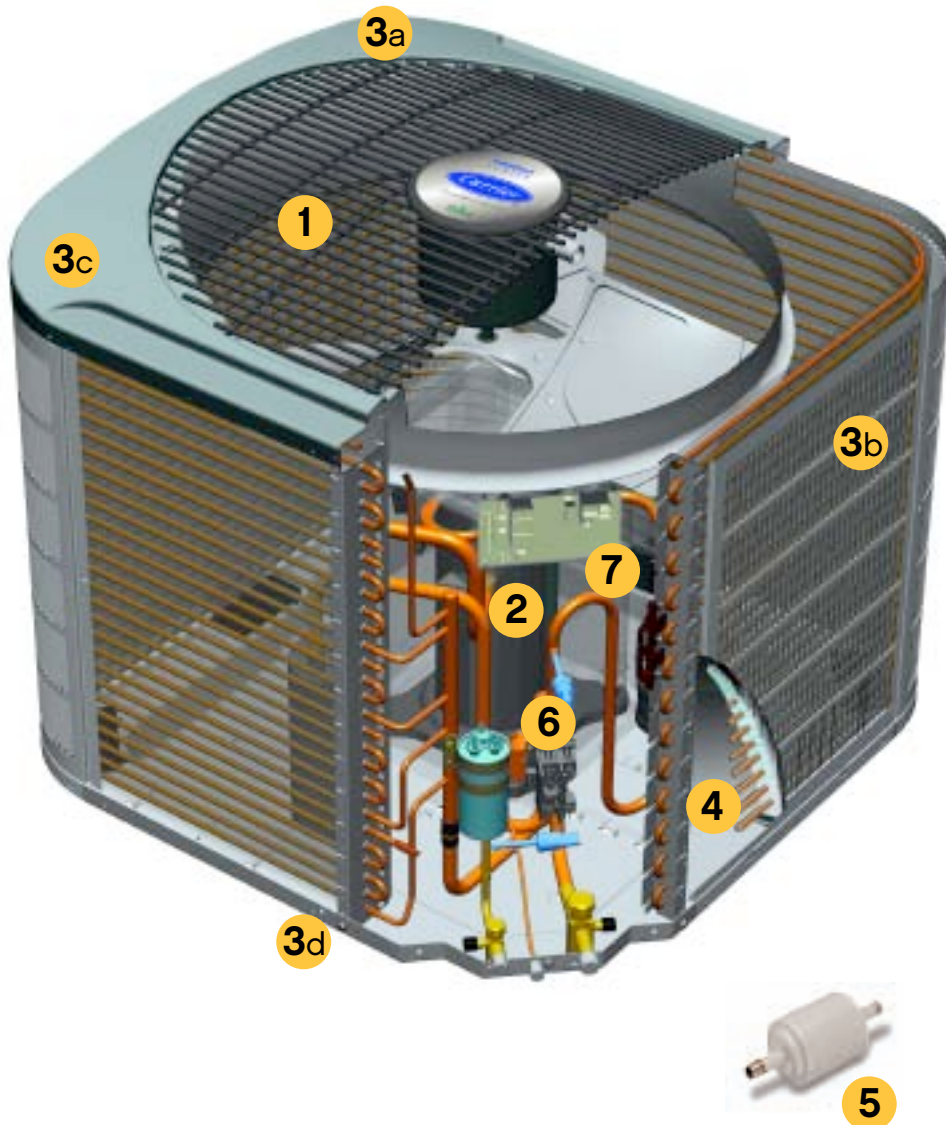


Operating cost estimate based on a 3-ton system.

\* Freon is a registered trademark of E. I. DuPont de Nemours & Co.

## Technology

**Puron® refrigerant** - environmentally sound and won't deplete the ozone layer.



- 1 Aerodynamic top** – enhances airflow through the outdoor unit, and reduces noisy turbulence.
- 2 Compressor** – as the heart of the heat pump, the compressor pumps refrigerant through the system.
- 3 WeatherArmor™ protection package** – combines four design elements that protect your comfort:
  - a. Galvanized steel cabinet
  - b. Louvered steel coil guard
  - c. Baked-on powder paint
  - d. Painted, ceramic-coated screws
- 4 Copper Microtube™ Technology/ aluminum fin coil** – transfers heat outside to maximize indoor cooling while resisting corrosion.
- 5 Filter drier** – constantly filters the refrigerant to remove moisture or other contaminants that can harm your heat pump system.
- 6 High-pressure and loss-of-charge switches** – protects the system from extreme conditions.
- 7 Sound Hood** – reduces compressor sound.

## Specifications

Heat Pumps	Infinity™ System	Infinity™ Controls	Two-Stage Compressor	Scroll Compressor	SEER Rating (Up To)	HSPF Rating (Up To)	Energy Star®	Puron® Refrigerant	Silencer System II	Sound Ratings Under 75 dB	Hybrid Heat™ Compatible
Infinity™ 19	✓	✓	✓	✓	19.0	8.2	✓	✓	✓	✓	✓
Infinity™ 16	✓	✓	✓	✓	16.6	9.3	✓*	✓	✓	✓	✓
Performance™ Series		✓		✓	16.0	9.3	✓*	✓*	✓	✓	✓
Comfort™ Series				✓	16.0	9.0	✓*	✓*		✓*	✓

\*Not available on all models

## Warranty

Carrier's Comfort™ Series heat pumps are protected by a 10-year limited warranty on the compressor and a five-year limited warranty on the entire unit. Extended warranties are also available. Ask your Carrier dealer for details.





## Turn to the Experts

Willis Carrier invented air conditioning in 1902. Over 100 years later, we're proud to say Carrier systems are trusted in more homes than any other brand.

Carrier continues to be on the forefront of innovative engineering and unsurpassed standards of excellence. So when choosing a home comfort system, you'll want to turn to the experts. Your Carrier dealer will evaluate your home, such as window placement and size, ductwork, other structural specifics and lifestyle to provide a customized indoor comfort plan designed specifically for you. And when you have an expert helping you make an educated decision, you're going to feel more comfortable.



Turn to the Experts.<sup>SM</sup>

[www.carrier.com](http://www.carrier.com)

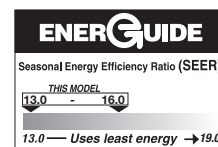
1-800-CARRIER

A member of the United Technologies Corporation family.  
Stock Symbol UTX.

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Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.  
Models 25HCA3, 25HCA5



ISO 9001:2000



Always look for these symbols, the heat pump industry seals of certified performance, efficiency and capacity.