

Comfort™ 16 Two-Stage Heat Pump with Puron® Refrigerant



turn to the experts™ 

Comfort™ SERIES



As an ENERGY STAR® partner, Carrier Corporation has determined that the Comfort™ 17 heat pump meets ENERGY STAR guidelines for energy efficiency.

ENERGY STAR® and Tax Credit Eligible Indoor Comfort

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. A higher SEER number means a more energy-efficient air conditioning system. Most new heat pumps rate between 13.0 and 19.0 SEER.

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

- As an ENERGY STAR® partner, Carrier Corporation has determined that the Comfort 16 two-stage heat pump that achieve system combinations of 14.5 SEER, 8.2 HSPF and 12.0 EER or higher meets the ENERGY STAR guidelines for energy efficiency.



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your dealer for details or visit www.energystar.gov.



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 air conditioners and heat pumps by 2010, and bans Freon®-22* production by 2020. As Freon® production declines, its cost may increase. Freon®-12 in the



automotive industry increased by a whopping 800% in a short seven years following its phase-out! Ensure your heating and cooling costs by investing in systems with Puron refrigerant – environmentally sound, efficient and dependable refrigerant designed for the future.

The Carrier® Comfort™ 16 two-stage heat pump with Puron refrigerant delivers excellent efficiency, reliability and proven performance.

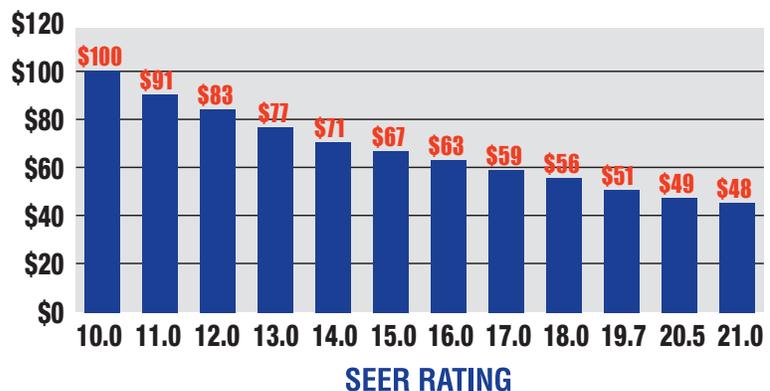
Comfort

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.

- Two-stage operation allows the Comfort 16 heat pump to provide efficient, quiet, and even comfort throughout your home.
- Low-stage operation a majority of the time delivers a more continuous flow of comfort during typical days.
- High-stage operation maintains your comfort as outdoor temperatures change.
- Add a Carrier variable-speed furnace or fan coil and our exclusive Edge® Thermidistat™ Control to achieve Ideal Humidity System® technology for even greater moisture control and comfort.

Greater Efficiency and Tax Credits

The Carrier Comfort 16 two-stage heat pump can deliver efficiency ratings up to 16.0 SEER cooling and 8.5 HSPF 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 vary. For even greater control over unpredictable fuel costs, you can pair your new heat pump with a properly matched gas furnace and compatible thermostat to create a HYBRID HEAT® dual fuel system. In addition, the Comfort 16 two-stage heat pump is eligible for U.S. Government tax credits. Ask your dealer for details about how this program works and how much you can expect to earn in tax credits.



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 Two-stage scroll compressor** – the heart of the heat pump, the compressor pumps refrigerant through the system.
- 3 WeatherArmor™ protection package** – combines three design elements that protect your comfort:
 - a. Galvanized steel cabinet
 - b. Louvered steel coil guard
 - c. Baked-on powder paint
- 4 Copper Microtube™/aluminum fin coil** – efficient heat transfer outside maximizes indoor comfort. Superior corrosion resistance for lasting comfort.
- 5 Filter drier** – constantly filters the refrigerant to remove moisture or contaminants that can harm your heat pump.
- 6 High-pressure and loss-of-charge switches** – protect the system from extreme conditions.



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® Dual Fuel System Compatible |
|------------------------|------------------|--------------------|----------------------|-------------------|---------------------|---------------------|--------------|--------------------|---------------------|---------------------------|--|
| Infinity® 19 | ✓ | ✓ | ✓ | ✓ | 19.0 | 9.0 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Performance™ Series | | ✓ | | ✓ | 16.0 | 9.0 | ✓* | ✓ | ✓ | ✓ | ✓ |
| Comfort™ Series | | | ✓* | ✓ | 16.0 | 9.0 | ✓* | ✓ | | ✓* | ✓ |
| Base Series | | | | ✓ | 15.0 | 8.5 | ✓* | ✓ | | ✓* | ✓ |

*Not available on all models

Limited Warranty

To the original owner, the Carrier® Comfort 16 two-stage heat pump is covered by a 10-year parts limited warranty upon timely registration of your new equipment.* Ask your Carrier dealer about optional extended warranties which may include labor.

* Warranty period is five 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 at carrier.com for complete 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™ 

www.carrier.com

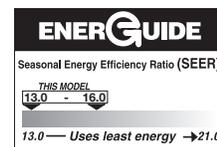
1-800-CARRIER

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

© Carrier Corporation 2010

01-825-032-25

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.
Models 25HC86



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