

Heat Pumps with Puron® Refrigerant 25HBC3 / 25HBC5

Carrier

turn to the experts™ 



As an ENERGY STAR® partner, Carrier Corporation has determined that the 25HBC3 and 25HBC5 heat pumps meet ENERGY STAR guidelines for energy efficiency.

Energy-Efficient Heat Pumps with up to 15.0 SEER and 8.5 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 25HBC3 and 25HBC5 heat pumps that achieve system combinations of 14.5 SEER, 8.2 HSPF and 12.0 EER or higher meet 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 reduces, its cost is predicted to increase.



Freon®-12 in the automotive industry increased by a whopping 800% in a short seven years following its phase-out! Ensure your cooling costs by investing in systems with Puron refrigerant – environmentally sound, efficient and dependable refrigerant designed for the future. The Carrier® 25HBC3 and 25HBC5 heat pumps with Puron refrigerant deliver excellent 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.

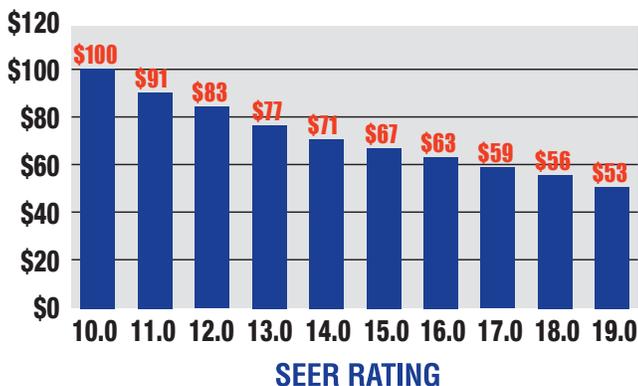
- Carrier HYBRID HEAT® dual fuel systems deliver peace of mind to homeowners concerned about the unpredictable nature of utility costs. HYBRID HEAT dual fuel system pairs a gas furnace with an electric heat pump and compatible thermostat to provide comfort, economy and flexibility. Your Carrier HYBRID HEAT dual fuel 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 dual fuel system is a complete, year-round indoor comfort solution. Ask your Carrier dealer if HYBRID HEAT dual fuel system is right for you.

Greater Operational Efficiency

The Carrier 25HBC3 and 25HBC5 heat pumps are available with efficiency ratings up to 15.0 SEER when cooling and up to 8.5 HSPF when heating. For every \$100 spent to cool your home using a 10.0 SEER heat pump, a 15.0 SEER heat pump should cost you approximately \$67. 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** – the heart of the heat pump, the compressor pumps refrigerant through the system.
- 3 WeatherArmor™ protection package** – combines design elements that protect your comfort:
 - a. Galvanized steel cabinet
 - b. Heavy-duty wire coil guard protection
- 4 Copper Microtube™/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** – 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® 25HBC3 and 25HBC5 heat pumps are 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 restrictions are not allowed will automatically receive a 10-year parts 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 expertsSM 

www.carrier.com

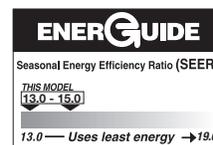
1-800-CARRIER

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

© Carrier Corporation 2010

01-825-031-25

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.
Models 25HBC3, 25HBC5



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