

# Performance™ 16

Heat Pump



turn to the experts™



Performance  
SERIES

Two-Stage, Energy-Efficient Heat Pump  
with up to 16.5 SEER and up to 9.5 HSPF



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[energystar.gov](http://energystar.gov)

## Innovation and the Environment

Over 100 years ago, a humble but determined engineer solved one of mankind's most elusive challenges by controlling the indoor environment. A



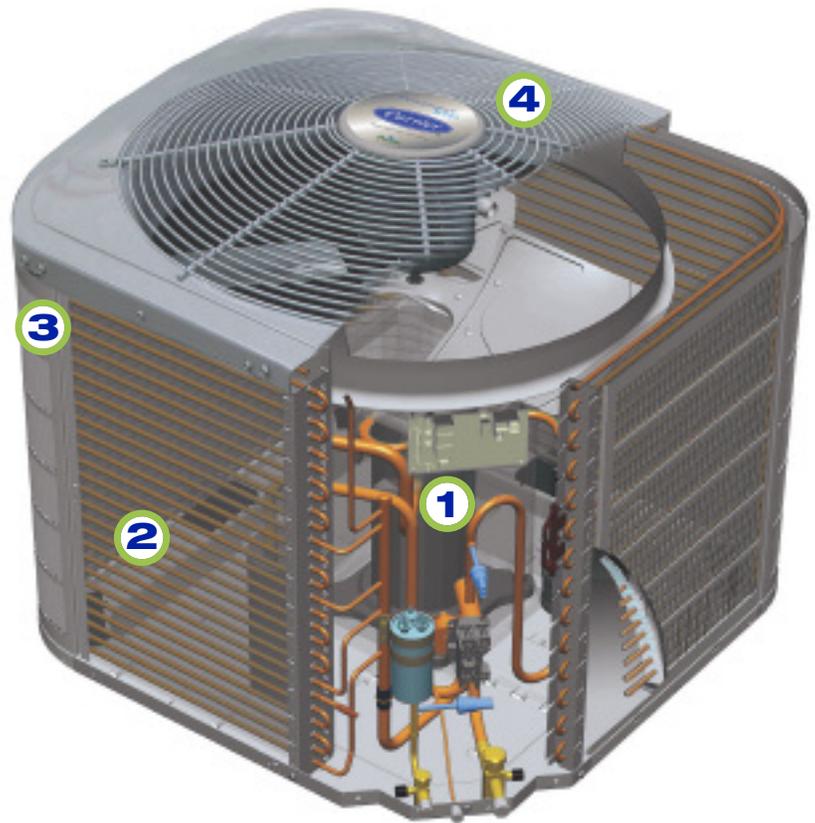
leading engineer of his day, Dr. Willis Carrier would file more than 80 patents over the course of his career. His genius would enable incredible advancements in health care, manufacturing processes, food preservation, art and historical conservation, indoor comfort and much more.

Carrier's foresight changed the world forever and paved the way for over a century of once-impossible innovations. Yet in addition to being an accomplished inventor, he was also an avid outdoorsman. Carrier recognized the power and beauty of the natural environment. This appreciation of our world and its resources continues to guide Carrier Corporation today. We will never rest on our accomplishments, but instead consistently look for ways to improve our products, our environment and our world.

The Carrier® Performance™ 16 two-stage heat pump offers proof of this commitment by delivering reduced energy usage and enhanced comfort control in the environment that matters most – your home.



## Leaders in Technology



### What Efficiency Means to You

Heat pumps are powered by electricity. You can compare efficiencies of different heat pump models by checking the HSPF (Heating Seasonal Performance Factor) and SEER (Seasonal Energy Efficiency Ratio) ratings, available through your Carrier dealer or manufacturer web sites. Using these ratings is a lot like miles per gallon for your car – the higher the number, the more efficient the product and the greater potential for savings. Actual heat pump performance will vary depending on your home, comfort preferences and more.

The Performance 16 two-stage heat pump offers efficiencies up to 16.5 SEER and up to 9.5 HSPF to provide the comfort you deserve and energy savings you can appreciate.



As an ENERGY STAR® partner, Carrier Corporation has determined that the Performance 16 two-stage heat pump meets 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](http://www.energystar.gov).

## 1 Extra-Consistent Comfort

Standard systems blast heated or cooled air at one speed before shutting off, which can lead to widely fluctuating temperatures. The Performance™ 16 heat pump with two-stage scroll compressor runs on low-stage up to 80% of the time to maintain consistent comfort.

## 2 Environmentally Sound Refrigerant

Carrier led the industry by incorporating non-ozone-depleting Puron® refrigerant into heat pumps back in 1996. Millions of Puron refrigerant units in operation today exemplify the reliability, durability and enduring quality of these products.



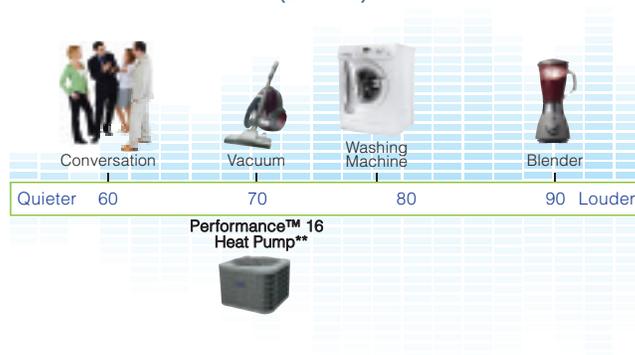
## 3 Lasting Durability

WeatherArmor™ protection shields the outdoor unit from hail, errant soccer balls, lawn equipment and other hazards. Our combination of a galvanized steel cabinet, louvered steel coil guard and baked-on powder paint provides superior rust protection and keeps your system looking its best for years.

## 4 Quiet Operation

The Performance 16 two-stage heat pump quietly cools your home with sound levels as low as 70 dBA. The aerodynamic top helps keep sound to a minimum by allowing smooth, efficient airflow through the top of the unit outside your home.

### Comparison Sound Ratings (decibels)



\*\* Per standard testing as described by ARI 270-95 in cooling mode. Other sound levels, mentioned for comparison, as published at [http://www.noisyplanet.nidcd.nih.gov/SiteCollectionDocuments/Bookmark\\_2up.pdf](http://www.noisyplanet.nidcd.nih.gov/SiteCollectionDocuments/Bookmark_2up.pdf).

## It's About Your Comfort

The Carrier® Performance 16 two-stage heat pump represents years of design, development and testing with one goal in mind – making you more comfortable. We have taken the lead in creating new technologies that deliver the comfort and efficiency you deserve while staying ahead of industry trends and global initiatives.

The Carrier HYBRID HEAT® dual fuel system answers concerns about unpredictable utility costs. This system pairs a gas furnace with an electric heat pump and a Carrier compatible thermostat. Your Carrier HYBRID HEAT dual fuel system will automatically switch between electric and gas heating to maximize comfort while optimizing the efficiencies of each fuel source.



Carrier's exclusive Comfort® heat pump system features two stages of heating – high and low. The heat pump, when properly matched with a compatible indoor unit and compatible thermostat, operates on low-stage up to 80% of the time, resulting in more even, consistent temperatures, greater air circulation and improved air quality.



## Limited Warranty

To the original owner, the Carrier Performance 16 two-stage heat pump is 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. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty period. See warranty certificate at [carrier.com](http://carrier.com) for complete details and restrictions. Be sure to ask your Carrier dealer about optional labor warranties.

# Carrier® Systems for Unmatched Performance in Every Season

Willis Carrier's meticulous attention to quality and detail led to a major culture shift in the way we live indoors. More than a century later, Carrier Corporation operates with a unique willingness to develop new technology, the confidence to revise proven designs and the ability to deliver results with every new installation.

Part of that equation is our nationwide network of experts you can turn to for all of your indoor comfort needs. Your local Carrier dealer is well equipped to evaluate your home – everything from size, window placement, ductwork, venting and other structural specifics – and create a customized system designed around your lifestyle. So when it's time to make a choice for your family's comfort, make the best decision you'll ever make – Carrier – and let the experts do the rest.



- A. Heat Pump
- B. Fan Coil
- C. Air Cleaner
- D. Ventilator
- E. Humidifier
- F. Zoning
- G. UV Lamp
- H. Edge Programmable Control

## The Total Indoor Comfort System

**Heat Pump** provides reliable, energy-efficient heating and cooling for long-lasting comfort and energy savings.

**Fan Coil** is the indoor section of your heat pump and should be properly matched to the outdoor unit for improved efficiency and long-term reliability.

**Air Cleaner** improves air quality by removing harmful and irritating airborne pollutants in your home.

**Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality and maximum efficiency – great for today's tightly constructed home.

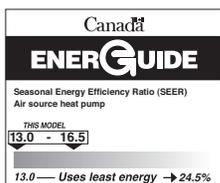
**Humidifier** replenishes moisture to dry air.

**Zoning** sets different temperatures for up to eight different areas of your home for truly customized comfort and enhanced utility savings.

**UV Lamp** inhibits the growth of contaminants on the indoor coil, leaving your home with cleaner, fresher indoor air.

**Edge® Programmable Thermostat** allows precise temperature and humidity control along with programmable features to further customize your comfort.

Model 25HCB6  
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Always look for these symbols, the heat pump industry seals of certified performance, efficiency and capacity.

Always Ask For  
**FACTORY  
AUTHORIZED  
PARTS**

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



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