

Infinity[®] 18VS

Heat Pump with Variable-Speed Technology



turn to the experts™



INFINITY[®] SERIES

Variable-Speed, High-Efficiency Heat Pump
with up to 18.0 SEER and up to 11.0 HSPF

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 Infinity® 18VS heat pump with variable-speed technology embodies that sentiment, delivering big performance from the smallest ducted heat pump on the market with a variable-speed compressor.* Offering exceptional year-round energy efficiency and comfort, it's one of the smartest choices you can make for your home.

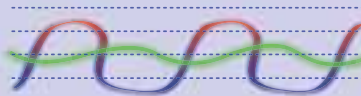
*As compared to split system heat pumps with vertical air flow design.



Leaders in Technology



Variable-Speed Operation
Minimizes Temperature Swings to Deliver More Even, Consistent Comfort



Typical Heat Pump Operation (Red line)
Infinity® 18VS Heat Pump Operation (Green line)



Limited Warranty

To the original owner, the Carrier® Infinity® 18VS heat pump is covered by a 10-year parts limited warranty upon timely registration. The parts 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 for complete details and restrictions.

1 Energy-Efficient Operation

Inverter-driven variable-speed operation offers five different stages and the intelligence to make the right choice for optimum energy efficiency and comfort. You'll enjoy energy-efficient operation with up to 11.0 HSPF heating and up to 18.0 SEER cooling performance.

2 Extra-Consistent Comfort

Standard systems mindlessly blast heated or cooled air at one speed before shutting off, which can lead to widely fluctuating temperatures. Properly matched with a Carrier® Infinity® gas furnace or fan coil and an Infinity Touch Control, the Infinity 18VS heat pump with its variable-speed rotary compressor effortlessly switches stages as needed to keep the comfort flowing with fewer on-off cycles.

3 Space-Saving Design

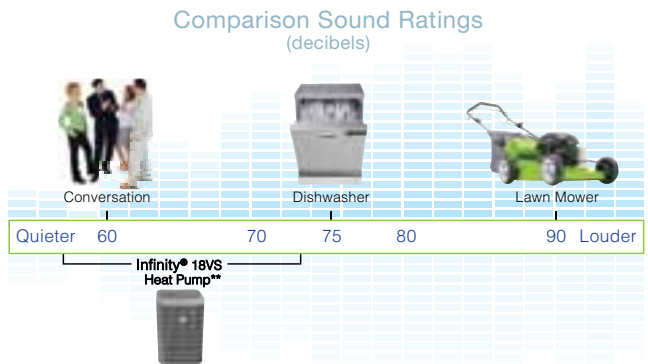
The Infinity® 18VS heat pump is extra compact thanks to our microtube coil technology combined with the efficiency advantages of the rotary compressor and new fan motor driven by a new inverter control.

4 Maximize Your Comfort

When installed as part of a complete Infinity® system, the Infinity control board in the heat pump itself, combines with the intuitive Infinity Touch Control to put maximum comfort at your fingertips. You control comfort schedules, heating, cooling, humidification, dehumidification, fan speeds and more, all from one easy-to-use control on the wall in your home.

5 Extra-Quiet Operation

The Infinity® 18VS heat pump operates within a sound range between 55 and 73 dBA in heating mode and as low as 55 dBA in cooling mode. Our proprietary Silencer System II features a silencer top, compact ECM fan motor, forward-swept fan blade, compressor vibration isolator plate, sound hood and split-post compressor grommets to help deliver quiet operation by maximizing airflow and minimizing vibration.



** 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.



It's About Your Comfort

The Carrier® Infinity® 18VS heat pump represents years of design, development and testing with one goal in mind – making you more comfortable. We have taken the lead in combining cutting-edge technologies that deliver the comfort and efficiency you deserve while staying ahead of industry trends.

All year long, humidity affects the temperature at which you feel most comfortable. That's why Carrier® Ideal Humidity System® technology plays such an important role in your comfort. When you add the Infinity® Touch Control, a Carrier humidifier and an Infinity furnace or



Ideal Humidity

fan coil to the Infinity 18VS heat pump, Ideal Humidity System technology allows you to control humidity levels even when your system isn't calling for heating or cooling.† You'll feel cooler at higher temperatures in the summer and warmer at lower temperatures in the winter.

A Carrier® HYBRID HEAT® dual fuel system delivers peace of mind to homeowners concerned about the unpredictable nature of utility costs. This system pairs a gas furnace with a compatible electric heat pump and 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.

Carrier gives you ultimate command of comfort, performance and energy efficiency when you include an Infinity Touch Control, an Infinity variable-speed furnace or fan coil and Carrier indoor air quality products to create a complete Infinity system. This system provides unprecedented



control of not only temperature, but also humidity, dehumidification, fan speed, weekly comfort schedules and more. This smart system can even monitor operation and maintenance items and provide service reminders such as when it's time to change the filter.

Uncompromising Quality

You don't lead an industry for more than 100 years by accident. Carrier has maintained its position and reputation through diligent, uncompromising quality control at every stage of a product's life – from concept to completion. Once our product is installed at your home, you can be confident that durable construction and built-in reliability features ensure your comfort for years to come.

- **Built-in reliability:** Components like the rotary compressor and compact ECM fan motor have proven their reliability in millions of units worldwide. Smart electronics monitor system operation and make adjustments for reliable performance. And, multiple sensors and controls provide a robust system of reliability checkpoints throughout.
- **Durability:** WeatherArmor™ Ultra protection shields the outdoor unit from hail, errant soccer balls, lawn equipment and other hazards. Our combination of a galvanized steel cabinet, louvered coil guard and baked-on powder paint keeps your system looking its best for years and provides superior rust protection.



† Ideal Humidity System technology continually monitors indoor humidity, indoor temperature and outdoor temperature, and has the ability to turn on your comfort system just for dehumidification in the cooling season and humidification in the heating season.



Puron® refrigerant is environmentally sound and won't deplete the ozone layer. Carrier® systems with Puron refrigerant set the standard for environmentally sound heat pump and air conditioner performance well ahead of industry competitors. Today, Carrier heat pumps and air conditioners using Puron refrigerant show exceptional reliability and are a testament to our industry leadership.

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 dealer or manufacturer web sites. The published ratings provide a standardized method for comparing how much heating or cooling comfort you get for the electricity you use.

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 based on the age and condition of your home, personal comfort preferences, weather patterns in your area and much more.

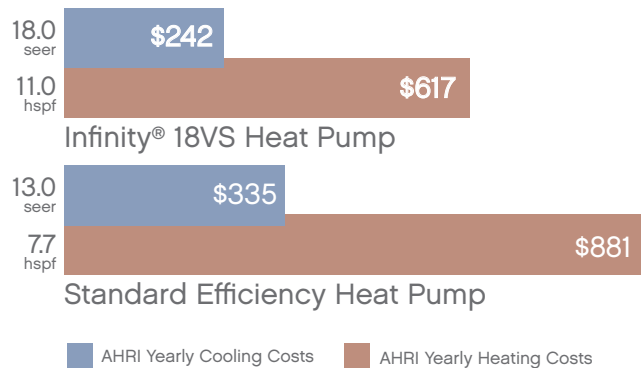
So when you are comparing heat pumps, be sure to look at both HSPF (winter efficiency) and SEER (summer efficiency). And when you are comparing against the Infinity® 18VS heat pump, you'll find there are very few in its class.



Extra High-Efficiency Heat Pump Designed with Your Comfort in Mind



Greater Operational Efficiency



The Infinity® 18VS heat pump offers plenty of potential for annual savings during both heating and cooling operation. When compared to a standard efficiency heat pump (13.0 SEER/7.7 HSPF), you can save up to \$93 a year in cooling and up to \$264 a year in heating.^{†††} And, if you are replacing an older, less efficient model, the savings can be even more significant.

^{†††}Values based on nominal 3-ton unit using AHRI method for estimated operating cost using U.S. average heating and cooling hours in 2014.



The Infinity® 18VS heat pump with variable-speed technology raises the bar well above single-stage and two-stage heat pumps with up to 11.0 HSPF heating efficiency and up to 18.0 SEER cooling efficiency.

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 Purifier
- D. Ventilator
- E. Humidifier
- F. Zoning
- G. UV Lamp
- H. Infinity Touch Control

The Total Indoor Comfort System

Infinity® Heat Pump provides reliable heating and cooling for long-lasting comfort and energy efficiency.

Infinity® 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.

Infinity® Air Purifier improves air quality by capturing and killing airborne bacteria and viruses and other 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.

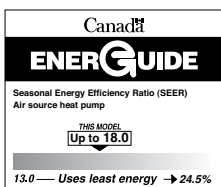
Humidifier replenishes moisture to dry air.

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.

Infinity® Touch Control is more than just a thermostat. It's your interface to the Infinity system that allows you to control temperature, humidity, air quality, fan speed and ventilation.

Model 25VNA8
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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**

www.carrier.com

1-800-CARRIER

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

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



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