

# Infinity<sup>®</sup> 19VS



Air Conditioner with Variable-Speed Technology turn to the experts™



INFINITY<sup>®</sup> SERIES

Variable-Speed, High-Efficiency  
Air Conditioner with up to 19.0 SEER

# 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® 19VS air conditioner with variable-speed technology embodies that sentiment, delivering big performance from the smallest ducted air conditioner on the market with a variable-speed compressor.\* Offering exceptional energy efficiency and consistently cool comfort, it's one of the smartest choices you can make for your home.

\*As compared to split system air conditioners with vertical air flow design.



# Leaders in Technology



## Limited Warranty

To the original owner, the Carrier® Infinity® 19VS air conditioner 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](http://carrier.com) for complete details and restrictions.

## 1 Energy-Efficient Operation

Inverter-driven, variable-speed operation offers five different stages and intelligence to make the right choice for optimum energy efficiency and comfort. You'll enjoy energy-efficient operation with up to 19.0 SEER cooling performance.

## 2 Extra-Consistent Comfort

Standard systems mindlessly blast cool 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 19VS air conditioner with its variable-speed rotary compressor switches stages effortlessly for more consistent comfort.

## 3 Space-Saving Design

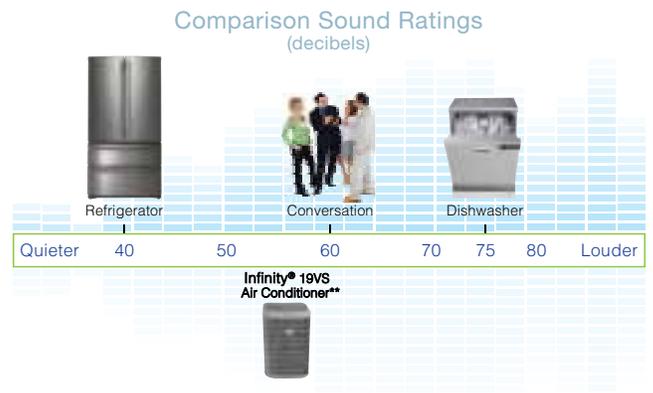
The Infinity® 19VS air conditioner is extra compact thanks to our microtube coil technology combined with the efficiency advantages of the rotary compressor and new fan motor driven by a new inverter control.

## 4 Maximize Your Comfort

When installed as part of a complete Infinity® system, the Infinity control board in the air conditioner itself combines with the intuitive Infinity Touch Control to put maximum comfort at your fingertips. You control comfort schedules, 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® 19VS air conditioner operates at sound levels as low as 56 dBA. 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.



## 6 Peace of Mind

The Infinity® 19VS air conditioner monitors several critical system functions and uses “smart electronics” to adjust operation for maximum performance and reliability. With multiple built-in protection features and Carrier® quality testing, you can be confident with your comfort.

\*\* 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® Infinity® 19VS air conditioner 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 and global initiatives.

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 fan coil to the



*Ideal Humidity*

Infinity 19VS air conditioner, Ideal Humidity System technology allows you to control humidity levels even when your system isn't calling for heating or cooling.† And, you'll feel cooler at higher temperatures in the summer and warmer at lower temperatures in the winter.

Carrier gives you ultimate command of comfort, performance and energy savings by combining the Infinity® 19VS air conditioner with an Infinity Touch Control and Infinity variable-speed furnace or fan coil to create an Infinity system. This system provides

**INFINITY** SYSTEM

unprecedented control of not only temperature, but also humidity, dehumidification, fan speed, weekly comfort schedules and more. It monitors operation and can remind you to change your filter as well as providing other routine maintenance reminders.

Puron® refrigerant is environmentally sound and won't deplete the ozone layer. Carrier® systems with Puron refrigerant set the standard for environmentally sound air conditioner and heat pump



performance well ahead of industry competitors. Today, Carrier air conditioners and heat pumps using Puron refrigerant show exceptional reliability and are a testament to our industry leadership.

## 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.

## What Efficiency Means to You

Air conditioners are powered by electricity. You can compare efficiencies of different air conditioner models by checking the SEER (Seasonal Energy Efficiency Ratio) ratings, available through your Carrier® dealer or manufacturer web sites. The published ratings provide a standardized method for comparing how much cooling performance 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 air conditioner 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 air conditioners, be sure to look at SEER ratings. And when you are comparing against the Infinity® 19VS air conditioner, you'll find there are very few in its class.



## Extra High-Efficiency Air Conditioner Designed with Your Comfort in Mind



### Greater Operational Efficiency



The Infinity® 19VS air conditioner offers plenty of potential for savings during the cooling season. When compared to a standard efficiency air conditioner (13.0 SEER), you can save up to \$106 a year in cooling costs.\* 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 cooling hours in 2014.



The Infinity® 19VS air conditioner with variable-speed technology raises the bar well above single-stage and two-stage air conditioners with up to 19.0 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. Air Conditioner
- B. Gas Furnace
- C. Evaporator Coil
- D. Air Purifier
- E. Ventilator
- F. Humidifier
- G. Zoning
- H. UV Lamp
- I. Infinity Touch Control

## The Total Indoor Comfort System

**Infinity® Air Conditioner** provides reliable cooling for long-lasting comfort and energy efficiency.

**Infinity® Gas Furnace** provides reliable heating for long-lasting comfort and energy efficiency.

**Evaporator Coil** is matched with the proper outdoor unit to provide top cooling efficiency and years of reliable service.

**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.

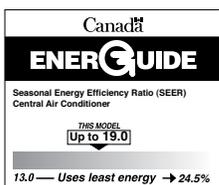
**Humidifier** replenishes moisture to dry air.

**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 24VNA9  
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Always look for these symbols, the air conditioner industry seals of certified performance, efficiency and capacity.



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

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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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