

# Infinity<sup>®</sup> Series

Fan Coil



turn to the experts<sup>™</sup>



INFINITY<sup>®</sup> SERIES

Enhanced Comfort and Efficiency  
with Variable-Speed Performance

## 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

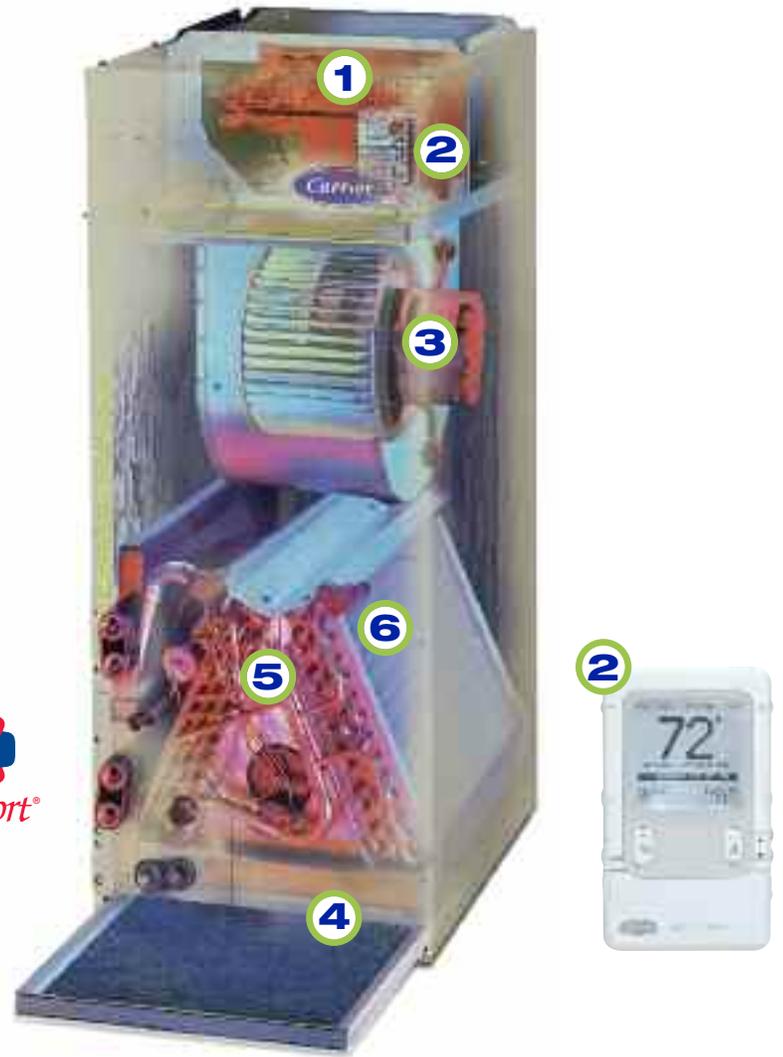
enable incredible advancements in health care, manufacturing processes, food preservation, art and historical conservation, indoor comfort and much more.

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® Infinity® series fan coil can help improve the effectiveness, comfort and efficiency of your system. With smart electronics and the ability to change speeds as needed, this fan coil not only maintains accurate temperature control, but further enhances your comfort with superior dehumidification.



## Leaders in Technology



### What Efficiency Means to You

As energy costs continue to rise, you'll be happy to know that a Carrier Infinity series fan coil can help improve the cooling efficiency, or SEER (Seasonal Energy Efficiency Ratio) of your comfort system. SEER 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. By operating on its lowest speed the majority of the time, this fan coil can quietly and consistently deliver the comfort you need while keeping operational costs in check.



Puron® refrigerant is environmentally sound and won't deplete the ozone layer. Carrier systems with Puron refrigerant set the standard for environmentally sound performance well ahead of industry competitors and over time have shown exceptional reliability. They are a testament to our industry-leading experience in this area and our continued insistence upon delivering superior quality products.

## 1 Heating Consistency

Electric resistance heaters ensure your comfort during the heating season as outdoor temperatures drop to extremes.

## 2 Intelligent Comfort Control

The Infinity® control board allows the fan coil to connect to the Infinity control in your home for the ultimate in comfort control. Smart electronics track previous cycles and allow the system to automatically adjust the heating and cooling stages for the best comfort and energy efficiency.

## 3 Extra-Quiet Operation

The variable-speed blower with easy select board distributes conditioned air at the lowest possible setting the majority of the time for extra-quiet and consistent comfort. This combination can increase cooling efficiency during the summer months and generate noticeably warmer air during the heating season. Foil-faced insulation provides additional noise reduction by isolating sound within the cabinet.

## 4 Enhanced Indoor Air Quality

Our high-tech, corrosion-free composite base pan with its integrated sloped drainage system helps circumvent the build-up of mold, bacteria and other airborne pollutants.

## 5 Assured Efficiency

To ensure maximum reliability and energy-efficient operation, the thermostatic expansion valve (TXV) maintains proper refrigerant flow during fluctuating pressures and conditions.

## 6 Added Durability

To protect your system's indoor coil from premature damage due to corrosive airborne elements, Carrier offers optional ArmorCoat™ tin plating available on certain fan coil models.



## It's About Your Comfort

The Infinity series variable-speed fan coil delivers longer heating and cooling cycles to help eliminate hot or cold spots, keeping a more even temperature throughout your home.

When you add the Infinity control, Carrier® humidifier and Infinity heat pump or air conditioner to the Infinity series fan coil, 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.



Combine the Infinity series fan coil, Infinity control and an Infinity heat pump or air conditioner with a Carrier humidifier to create an Infinity system. This revolutionary system allows you to control temperature, humidity, air quality, fan speed, ventilation and even detects when your air filter needs to be replaced.



\* 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 or humidification in the heating season.



## Limited Warranty

To the original owner, the Carrier Infinity series fan coil 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 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 Purifier
- D. Ventilator
- E. Humidifier
- F. Zoning
- G. UV Lamp
- H. Infinity Control

## The Total Indoor Comfort System

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

**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 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 FE  
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