

# Performance™ Series

Fan Coil



turn to the experts™ 



Performance™  
SERIES

High-Efficiency Fan Coil

## 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



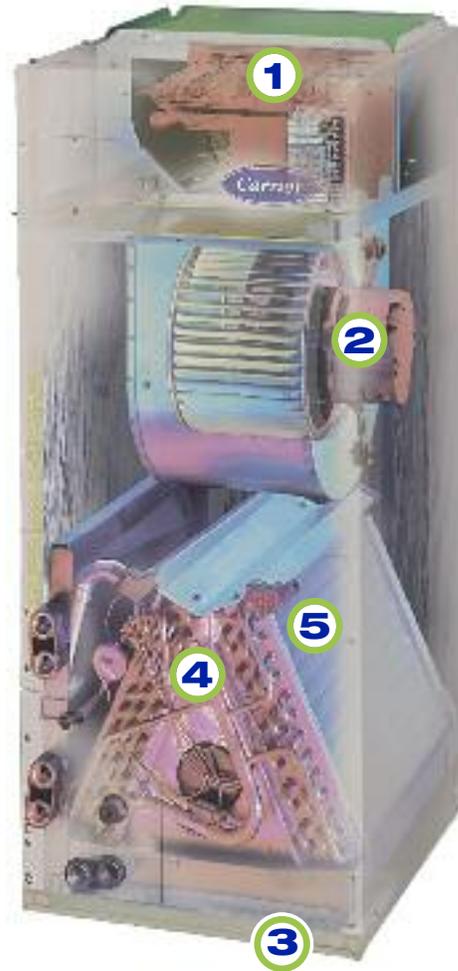
leading engineer of his day, Dr. Willis Carrier would file more than 80 patents over the course of his career. His genius would enable incredible advancements in health care, manufacturing processes, food preservation, art and historical conservation, indoor comfort and much more.

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.

A Carrier® Performance™ series fan coil can help improve the effectiveness, comfort and efficiency of your home comfort system. With the ability to change speeds as needed to best match conditions, this fan coil not only maintains accurate temperature control, but further enhances your comfort with superior dehumidification.



## Leaders in Technology



Model FV4

## What Efficiency Means to You

As energy costs continue to rise, you'll be happy to know that a Carrier Performance 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 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.

## 3 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.

## 4 Assured Efficiency

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

## 5 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 Performance 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 Performance series Edge programmable thermostat, Carrier® humidifier and a Performance series heat pump to the Performance 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.



\* 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.



## Limited Warranty

To the original owner, the Carrier Performance 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.



## 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.

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

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

Always Ask For  
**FACTORY  
AUTHORIZED  
PARTS**

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