

# Performance™ Series



Horizontal Heat Pumps and Air Conditioners

turn to the experts™



Performance  
SERIES

Ultra-Compact, Energy-Efficient Comfort

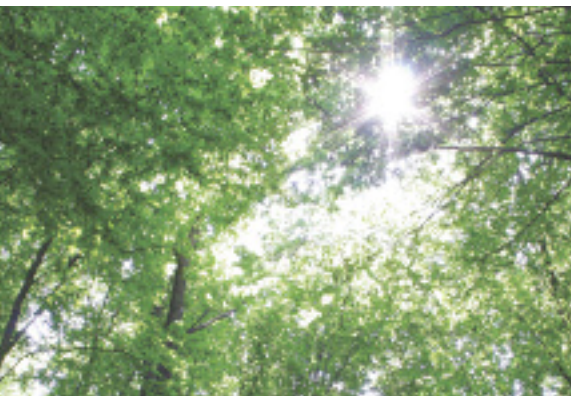


## Innovation and the Environment

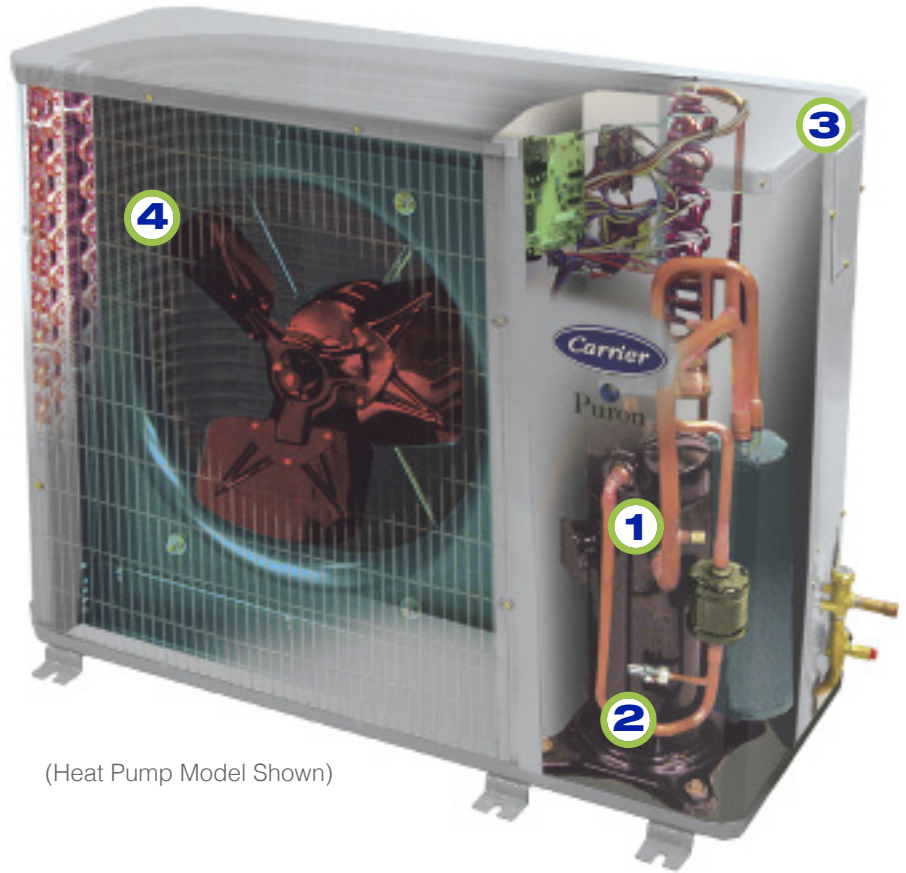
Over 100 years ago, a humble but determined engineer solved one of mankind's most elusive challenges by controlling the indoor environment. A leading engineer of his day, Dr. Willis Carrier would file more than 80 patents over the course of his career. His genius would enable incredible advancements 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™ series horizontal heat pumps and air conditioners offer proof of this commitment by delivering energy-saving comfort in the environment that matters most – your home.



## Leaders in Technology



(Heat Pump Model Shown)

### What Efficiency Means to You

Heat pumps and air conditioners are powered by electricity. You can compare efficiencies of different heat pump models by checking the HSPF (Heating Seasonal Performance Factor). In addition, you can check the efficiencies of both heat pumps and air conditioners by checking the SEER (Seasonal Energy Efficiency Ratio) ratings. Both ratings are 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 and air conditioner performance will vary depending on your home, comfort preferences and more.

The Performance series horizontal heat pumps offer efficiencies up to 15.5 SEER and up to 9.0 HSPF while the Performance series horizontal air conditioners offer efficiencies up to 15.0 SEER to provide the comfort you deserve and energy savings you can appreciate.



As an ENERGY STAR® partner, Carrier Corporation has determined that the Performance series horizontal heat pumps and air conditioners meet 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 Proven Performance

The Performance™ series horizontal heat pumps and air conditioners with scroll compressor deliver both comfort and reliability. The heart of your system, this compressor runs smoothly to contribute quiet, efficient heating and cooling.

## 2 Environmentally Sound Refrigerant

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



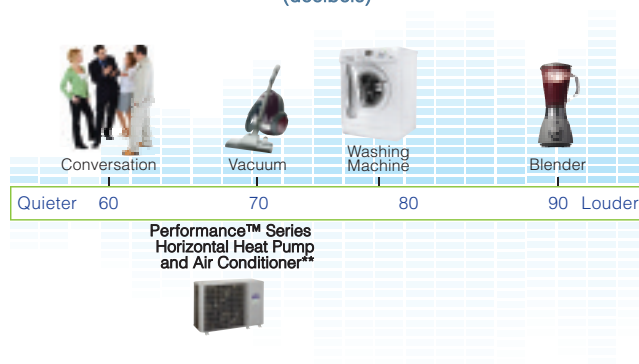
## 3 Lasting Durability

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

## 4 Quiet Operation

The Performance series horizontal heat pumps and air conditioners quietly cool your home with sound levels as low as 68 dBA. The unit's front-to-back airflow moves air through the outdoor unit at lower velocity for less noise from turbulence.

### Comparison Sound Ratings (decibels)



\*\* Per standard testing as described by ARI 270-95. Other sound levels, mentioned for comparison, as published at [http://www.nidcd.nih.gov/health/education/teachers/common\\_sounds.asp](http://www.nidcd.nih.gov/health/education/teachers/common_sounds.asp).

## Space-Saving Design

The Carrier® Performance series horizontal heat pumps and air conditioners represent years of design, development and testing with one goal in mind – making you more comfortable.

Our compact cabinet size allows the unit to be installed on a roof, under a deck, on a balcony or other locations. For larger living spaces or zoned comfort, the Performance series horizontal heat pumps and air conditioners can be stacked with a second unit while still maintaining a compact footprint and taking minimal space outside your home. The Performance series horizontal heat pumps and air conditioners are a perfect fit for your comfort.



### Limited Warranty

To the original owner, Carrier Performance series horizontal heat pumps and air conditioners, when part of a ducted system, are covered by a 10-year parts limited warranty upon timely registration of your new equipment.\* Ask your Carrier dealer about optional labor warranties.

\*Warranty period is five years if not registered within 90 days. Jurisdictions where warranty restrictions are not allowed will automatically receive a 10-year parts warranty. See warranty certificate at [carrier.com](http://carrier.com) for complete details.

# 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.



(Heat Pump System Shown)

## 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.

Models 38QRR, 38HDR  
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