

# Performance™ Series



Energy and Heat Recovery Ventilators

turn to the experts™ 



Performance™  
SERIES

Enjoy Superior Home Comfort  
with Fresh Air Ventilation

## 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 heat recovery ventilators (HRVs) and energy recovery ventilators (ERVs) can bring a little of the outside world into your home environment – clean, fresh air – while maintaining your comfort and the efficiency of your heating and cooling system.



## Leaders in Technology



Vertical unit shown.  
Horizontal units  
also available.



### How Ventilation Affects Efficiency

Sure, you could open a window or door in your home to let the fresh air inside. Unfortunately, as heated or cooled air escapes, your comfort system works a little harder, and costs you money in lost efficiency. Carrier Performance series HRVs and ERVs are designed to expel stale, polluted indoor air and refresh your home with clean, outside air. These units maintain higher energy efficiency by recovering heat or energy from the outgoing air and transferring it to fresh, incoming air. This allows the incoming air to more closely match the temperature of air circulating through your home. By minimizing heat loss and helping maintain proper humidity, these units can maximize energy efficiency while lowering utility costs.

## 1 Energy-Saving Operation

Our high-efficiency heat recovery core recovers up to 84% of heat or energy from stale indoor air being exhausted and transfers it to the clean, incoming outdoor air for maximum comfort with minimal heat loss. The core also removes excess humidity from recirculated air allowing you to save money by feeling comfortable at higher temperatures in the summer and lower temperatures in the winter.

## 2 Quiet, Efficient Airflow

The ventilator motor quietly and effectively keeps air circulating through the system with minimal energy usage.

## 3 Consistent Comfort Control

Our electronic circuit board controls ventilator operation as needed, adjusting air circulation modes and motor speeds for optimum ventilation and comfort.

## 4 Enhanced Reliability and Efficiency

By preventing frost build-up within the system, our damper defrost keeps your ventilator performing at its best while eliminating the need for a supplemental, energy-consuming electric defroster. The defrost function engages when outdoor temperatures drop below 23 degrees Fahrenheit.

## 5 Multiple Wall Control Options

Carrier offers a wide variety of HRV / ERV control options. Your dealer can help you select the control that best suits your system and your personal preferences.

## It's About Your Comfort

In an effort to better control your indoor environment and optimize energy efficiency, today's homes are built "tighter" and insulated better. As a result, your home may be restricting the air exchange, trapping stale, polluted air inside. Dust, chemicals, airborne contaminants and excessive humidity can circulate through your home aggravating asthma and allergy symptoms and making you feel less comfortable. A Carrier® HRV or ERV is a great solution for your comfort, exchanging stale indoor air for fresh outdoor air while better managing humidity and comfort. Your dealer can help you select the model that best fits your needs – typically an HRV for colder climates with longer heating seasons and an ERV for warmer and more humid climates.

### Limited Warranty

To the original owner, the Carrier Performance™ series heat recovery ventilator and energy recovery ventilator are 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](http://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. Air Conditioner
- B. Gas Furnace
- C. Evaporator Coil
- D. Air Cleaner
- E. Ventilator
- F. Humidifier
- G. Zoning
- H. UV Lamp
- I. Edge Programmable Thermostat

## The Total Indoor Comfort System

**Air Conditioner** provides reliable, high-efficiency cooling for long-lasting comfort and energy savings.

**Gas Furnace** provides reliable, high-efficiency heating for long-lasting comfort and energy savings.

**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.

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**FACTORY  
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PARTS**

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