



Turn to the experts



# CARRIER ENERGY AND HEAT RECOVERY VENTILATORS

Enjoy healthier indoor comfort  
with fresh air ventilation



Models E(H)RVXXSHA, E(H)RVXXSVA,  
HRVXXSVB, E(H)RVXXLHB, ERVCRNVA,  
FAVCR, FSFXX

# DESIGNED WITH YOUR COMFORT IN MIND

Today's energy-efficient homes are built "tighter" and insulated better. As a result, your home may be trapping dust, volatile organic compounds (VOCs) from off-gassing of cleaning solutions, paint, carpets and other building materials. Representing more than a century of experience making homes more comfortable, a Carrier energy recovery or heat recovery ventilator (ERV or HRV) can be a great solution. It can bring a little of the outside world into your home environment – clean, fresh air – so you can enjoy healthier indoor comfort while maintaining the efficiency of your heating and cooling system.



## ENERGY-SAVING OPERATION

Our heat recovery core conserves your comfort by "recovering" up to 75% of thermal energy from outgoing air and to pre-condition the incoming air. Our energy recovery core also removes excess humidity from recirculated air allowing you to feel more comfortable without making costly temperature adjustments.



## "SMART" COMFORT CONTROL

Select the airflow and let the system do the rest. Our "smart" control board manages system efficiency and air quality in all weather conditions, all year round. As indoor and outdoor conditions change, it automatically adjusts to deliver the proper amount of fresh air with minimal energy consumption.



## QUIET, EFFICIENT AIRFLOW

The ventilator motor offers both performance and durability. It quietly and effectively keeps air circulating through the system while helping to maximize energy efficiency.



## ENHANCED RELIABILITY AND EFFICIENCY

By preventing frost build-up within the system, our damper defrost keeps your ventilator performing at its best. The defrost function engages when outdoor temperatures drop below 23° F.



## MULTIPLE WALL CONTROL OPTIONS

Carrier offers a wide variety of options for operating your ERV/HRV. Your dealer can help you select the control that best suits your system and personal preferences, including our premium, touch-screen model.



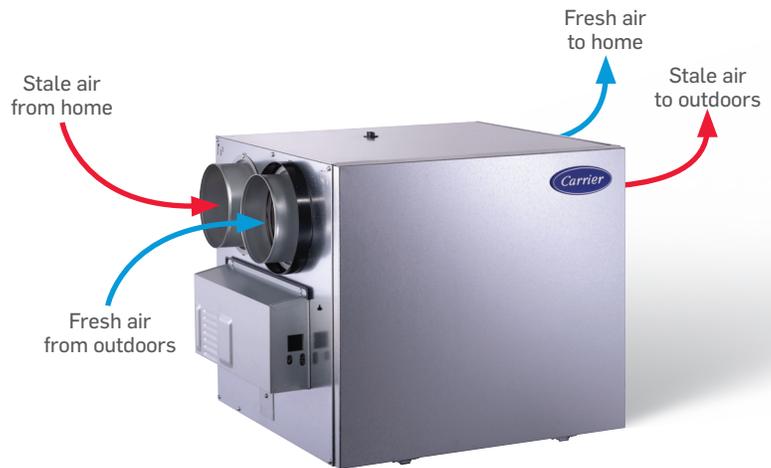
## LIMITED WARRANTY

To the original owner, our ERVs and HRVs are covered by a 10-year parts limited warranty upon timely registration.\* See warranty certificate at [carrier.com](http://carrier.com) for complete details and restrictions.

\* 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 for additional information.

# THE CARRIER DIFFERENCE

Sure, you could open a window or door to let fresh air inside your home. Unfortunately, as heated or cooled air escapes and outdoor humidity enters, your comfort system works a little harder, and costs you money in lost efficiency. Carrier ERVs and HRVs are designed to simultaneously remove stale, polluted indoor air, and refresh your home with clean, outside air. These units maintain higher energy efficiency by recovering thermal energy (heat) from the outgoing air and transferring it to fresh, incoming air without mixing the air streams. 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 (ERV models), these units can maximize energy efficiency while lowering utility costs.



## Which One is Right for Me?

**ERV:** An ERV, or energy recovery ventilator, is the right choice in the Midwest and southern states, where there is a longer cooling season and removing humidity from incoming air is vital to efficient, comfortable performance.

**HRV:** An HRV, or heat recovery ventilator, is a great choice for comfort and efficiency in colder climates with longer heating seasons, such as Canada or the northern United States.



ERV/HRV

ERVXXSHA HRVXXSHA



ERV/HRV

ERVXXSVA HRVXXSVB  
HRVXXSVA



ERV/HRV

ERVXXLHB HRVXXLHB



Model FAVCR

**Fresh Air Vent:** Our most affordable and compact whole-home ventilation solution, the Carrier fresh air vent provides a controlled solution for fresh, indoor air without the heat exchange or humidity transfer of an ERV or HRV.



Model FSFX

**Fresh Air Supply Fan:** An effective solution for hot and mixed climates no matter how dry or humid. A fresh air supply fan provides a reliable and energy-efficient way to bring fresh, filtered air into the home.



Model ERVCRNVA

**Add-On ERV:** For installations with space limitations, the add-on ERV offers a more compact solution that fits while still providing the needed ventilation and efficient performance.

# CONTROLLING YOUR COMFORT

Features	HRVXXSVA1130 HRVXXSHA1130 SRE 65%	HRVXXSVA1160 HRVXXSHA1160 SRE 65%	HRVXXSVB1160 SRE 75%	HRVXXLHB1230 SRE 75%	ERVXXSVA1130 ERVXXSHA1130 SRE 65%	ERVXXSVA1150 ERVXXSHA1150 SRE 65%	ERVXXLHB1210 SRE 75%
CFM at 0.2 in. w.g.	35 - 131 CFM	35 - 159 CFM	35 - 159 CFM	35-231 CFM	35 - 131 CFM	35 - 150 CFM	35 - 210 CFM
CFM at 0.4 in. w.g.	35 - 119 CFM	35 - 150 CFM	35 - 140 CFM	35-225 CFM	35 - 119 CFM	35 - 142 CFM	35 - 206 CFM
SRE 32° F   0° C at 64-66 CFM	68%	68%	75%	78%	67%	71%	81%
SRE -13° F   -25° C at 64-83 CFM	60%	60%	65%	67%	56%	56%	65%
Dimensions (HxWxD)	Side ports: 19-1/8 x 23-1/2 x 16-1/8 in. Top ports: 21-1/2 x 21 x 16-1/8 in.			19.5 x 26.9 x 21 in.	Side ports: 19-1/8 x 23-1/2 x 16-1/8 in. Top ports: 21-1/2 x 21 x 16-1/8 in.		19.5 x 26.9 x 21 in.
Ports Configuration	Round, Top or Side, 5 in.	Round, Top or Side, 6 in.	Round, Top or Side, 6 in.		Round, Top or Side, 5 in.	Round, Top or Side, 6 in.	
Filtration Level	Standard MERV 8 Filter or Optional MERV 13 Filter						
Motor Type	PMSM Motors: Permanent Magnet Synchronous Motors						
Defrost	Recirculation	Recirculation	Recirculation	Recirculation	Recirculation	Recirculation	Recirculation
Core	Polypropylene Crossflow Core				Polymerized paper		
Controls	Five Wall Controls Premium, Automatic, Speed Selector, Dehumidistat, Bathroom Override						

## MORE THAN A CENTURY OF COOL

In 1902, a determined engineer answered one of mankind's most nagging questions: How do we make hot, sticky, indoor air go away? In creating the world's first modern air conditioning system, Willis Carrier forever changed indoor life, and, more than a century later, the corporation that bears his name takes inspiration from his example.

Carrier strives to improve on our founder's breakthroughs, introducing new technologies that make life at home even cooler. Today, a nationwide network of experts continues to advance Willis Carrier's lifework. Your expert Carrier dealer is equipped to evaluate your home and create a customized system designed around your lifestyle.



Turn to the experts

HEALTHYHOMES

[carrier.com](http://carrier.com) 1-800-CARRIER

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