

## vänEE HRV 90H-V ECM

Part no. 43905

80 to 157 CFM (0.4 in. w.g.) 53 to 106 CFM (0.4 in. w.g.)  
 66 to 132 CFM (0.4 in. w.g.) 40 to 80 CFM (0.4 in. w.g.)



VB0124

### DISCOVER THE NEW GENERATION OF VÄNEE AIR EXCHANGERS: ENVIRONMENTALLY FRIENDLY AND ULTRA-EFFICIENT

The HRV 90H-V ECM has been designed to be one of the most eco-friendly HRV air exchangers on the market. Its innovative design incorporates extremely high performance ECM\* motors, which enable 90H-V ECM to significantly lower energy costs without affecting its performance. Additional energy efficiency is found through its advanced heat recovery core, which can retain up to 80% of home's heating. 90H-V ECM surpasses energy-saving standards while providing effective heat recovery, ventilation and quiet operation. All aspects have been designed to facilitate balancing of air flow and simplify uses and installation.

- Small-sized housing
- Faster and easier installation of insulated flexible ducts with practical straps
- Integrated balancing dampers designed to facilitate balancing of air flow
- Easy access to components and electronics
- Homeshield™ defrosting system (no negative pressure)
- Heat recovery core offers greater comfort
- Two ECM\* high performance blowers
- Integrated draining system with an antimicrobial coating
- ENERGY STAR® qualified

#### REPAIRS AND MAINTENANCE

The HRV 90H-V ECM high output ECM\* motors are permanently lubricated. The electronic circuit board eliminates electromechanical parts, reducing repair time to a minimum.

#### WARRANTY

The HRV 90H-V ECM unit is protected by a complete 5-year warranty on all parts. The heat recovery core is covered by a limited lifetime warranty, with the original proof of purchase.

\*Electronically Commutated Motor.

Available at:

## HEAT RECOVERY VENTILATOR

### Controls

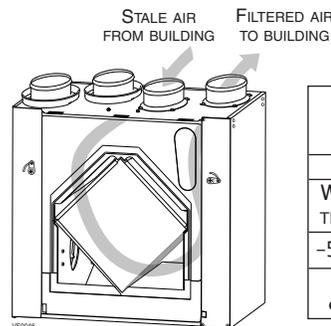
- This unit is very simple to operate. Once it is installed, press on its push button, located under the unit, to activate it. Press once for low speed, once again for high speed, and once more to stop it.
- The included Platinum main control (no. 40460) allows you to manage your ventilation with a programmable mode. Also included, our fully automated optimizer mode called the Smart mode.
- Also, 1 to 5 of the following optional controls can be added:
  - 20/40/60-min. Push-Button Timer no. 03701
  - 60-min. Mechanical Timer no. 00910

### Options

- Complete line of registers and diffusers
- Electric duct heater

### Homeshield™ Defrosting System

The HRV 90H-V ECM uses a unique defrosting method. No negative pressure is created by air exhausted to the outside, as the air is recirculated into the house, helping to prevent any backdraft.



OUTSIDE TEMPERATURE		DEFROST CYCLE DEFROSTING MIN./ OPERATING MIN.
°C	°F	
WARMER THAN -5	WARMER THAN 23	No DEFROST
-5 TO -27	23 TO -17	7/25
-27 & LESS	-17 & LESS	10/22

### Heat Recovery Core

Dimensions: 10" x 10" x 14.25" (25.4 x 25.4 x 36.2 cm)

Exchange surface: 110 ft<sup>2</sup> (10.2 m<sup>2</sup>)

Weight: 7.36 lb (3.3 kg)

Material: Polypropylene

Type: Cross flow

Warranty: Limited lifetime

### Requirements and Standards

- Complies with the UL 1812 requirements regulating the installation of Heat Recovery Ventilators
- Complies with the CSA C22.2 no. 113 Standard applicable to ventilators
- Complies with CSA C444 requirements regulating the installation of Heat Recovery Ventilators
- Technical data was obtained from published results of tests relating to CSA C439 Standards
- HVI certified and ENERGY STAR® qualified

