



## VENMAR AVS ERV CONSTRUCTO 2.0 QUATTRO

Part no. 45115

80 to 198 CFM (0.3 in. w.g.)  
80 to 183 CFM (0.4 in. w.g.)



VB0099

### THE NEW ERV CONSTRUCTO QUATTRO SERIES: ENERGY RECOVERY NOW MORE AFFORDABLE

Cost being a top of mind consideration for homebuilders, Venmar AVS has conceived an ERV that will provide value to the construction at a more affordable price. The Venmar AVS ERV Constructo 2.0 Quattro Series is an improved platform that offers key features for the new construction market, such as pressure taps, integrated balancing dampers and a no negative pressure defrost that ensures quick installation and trouble-free operation. Designed for builders and contractors requiring simple, reliable yet efficient all-year-round ventilation solutions.

- Unique pan design, easy to clean and maintain
- Integrated balancing dampers and pressure taps
- No drain
- Polymerized paper crossflow core: Recovers heat and humidity
- Exclusive Homeshield™ patented defrost system
- SilentSure™ operation
- PSC motor

### REPAIRS AND MAINTENANCE

Venmar AVS ERV Constructo Quattro modular design makes it possible to remove all mechanical parts in less than 5 minutes. The low power consumption PSC motor is permanently lubricated. Even better, the entire motor subassembly can be removed in less than a minute for easier maintenance. Finally, the electronic circuit board eliminates electromechanical parts, reducing repair time to a minimum.

### WARRANTY

The Venmar AVS ERV Constructo Quattro is protected by a 2-year warranty on parts only. The energy recovery core is covered by a 5-year warranty.

Available at:

# ENERGY RECOVERY VENTILATOR

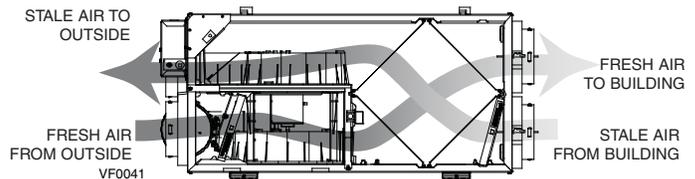
### Control

- Built-in electronic circuit board ready to receive the Lite-Touch Constructo main control
- One or more of the following optional controls can be added:
  - 60-min. mechanical timer no. 00910
  - 20-min. lighted push button no. 12030

### Options

- Complete line of registers and diffusers
- Electric duct heater

### Airflow During Air Exchange



### Homeshield™ Defrosting System

The AVS ERV CONSTRUCTO QUATTRO 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 -15	23 TO 5		10/60
-15 TO -27	5 TO -17		10/30
-27 & LESS	-17 & LESS		10/20

### Energy Recovery Core

Dimensions: 15.4" x 10.6" x 10.6" (39.1 cm x 26.9 cm x 26.9 cm)

Exchange surface: 107 ft<sup>2</sup> (9.94 m<sup>2</sup>)

Weight: 14.2 lb (6.44 kg)

Material: Polymerized paper

Type: Crossflow core

### Requirements and Standards

- Complies with the UL 1812 requirements regulating the installation of Energy Recovery Ventilators
- Complies with the CSA C22.2 no. 113 Standard applicable to ventilators
- Complies with CSA F326 requirements regulating the installation of Energy Recovery Ventilators
- HVI certified
- Technical data was obtained from published results of tests relating to CSA C439 Standards

