

# Quiet. Efficient. Clean Air.



**The Ideal Whole House  
Air Exchanger with  
HEPA Filtration for  
a Healthier Indoor  
Environment.**

- **HEPA Filtration (99.97% Effective)**
- **Code Compliant Ventilation**
- **Low Power Consumption**
- **High Efficiency Recovery Core**
- **Ultra-Quiet**
- **Quick and Easy Installation**

  
**VENMAR<sup>®</sup>**  
**AVS**  
THE PROFESSIONALS' CHOICE

- 5-inch round ports
- Venmar quality
- Quiet and efficient blower



HRV model shown

## Filter Chart

Furnace Filter	Washable Filter	Media Filter			HEPA Filter	Dilution/Ventilation		
100	25	10	1	0.5	0.3	0.1	0.01	0.001
Visible with Naked Eye			Visible with Electric Microscope			Visible with Electron Microscope		
Bacteria								
Pollen						Viruses		
Plant & Mold Spores			Cooking Smoke & Grease					
			Wood & Tobacco Smoke					
Lint			Atmospheric & Household Dust					
			Animal Dander			Gases & Odors		

- Chain and spring kit included
- Integrated drain fitting to ease installation (HRV)
- Easy maintenance



40395

### Deco-Touch

OFF, Min./Max. exchange, Intermittent 20 min./hour, Recirculation, Dehumidistat override



40440

### Altitude

Programmable, SMART mode, LCD display



40390

Simple-Touch  
OFF, Min./Max. exchange speed  
Recirculation



03364

20/40/60-min lighted push-button  
20/40/60-min high speed exchange

Specifications	HRV	ERV
Part number	H50100H	H50100E
Maximum continuous air flow (at 0.4" pressure)	104	100
Minimum continuous air flow (at 0.4" pressure)	51	51
Sensible Recovery Efficiency @ 32°F (51 cfm nominal)	65%	67%
Sensible Recovery Efficiency @ 32°F (64 cfm nominal)	61%	66%
Sensible Recovery Efficiency @ -13°F (51 cfm nominal)	60%	61%
Total Recovery Efficiency at 95°F	N/A	53%
Dimensions	Height: 17.4" (44.3 cm) • Width: 39.4" (100 cm) • Depth: 11.9" (30.2 cm)	
Weight	44	47
Pressure taps to balance air flow	Yes	Yes
Balancing dampers	no	no
Electrical consumption (low speed/high speed)	42/68 watts	42/68 watts
Wall control compatibility	Deco-Touch, Altitude, Lite Touch, Simple Touch, Constructo, Dehumidistat, 20-min Push Button, 20/40/60-min lighted push-button	Deco-Touch, Altitude, Lite Touch, Simple Touch, Constructo, Dehumidistat, 20-min Push Button, 20/40/60-min lighted push-button
Warranty on parts	2 years	2 years
Warranty on core	Limited lifetime	5 years
HEPA Filter Kit	21293	21293

These specifications are subject to change without notice, please see the specification sheet on [www.venmar.ca](http://www.venmar.ca).



Available at this authorized dealer:



Venmar Ventilation Inc., Residential Group  
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Toll-Free: 1-800-567-3855 (Canada and USA)

[www.venmar.ca](http://www.venmar.ca)