

Xseries

High Efficiency Heat  
Recovery Ventilators and  
Energy Recovery Ventilators.

X24HRV	ECM
X24ERV	ECM
X30HRV	ECM
X30ERV	ECM



WHEN IT COMES  
TO PURE EFFICIENCY,  
WE'VE JUST RAISED THE BAR



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

# THE FUTURE OF FRESH AIR

The whole home ventilation system is a centerpiece of today's energy-efficient homes. Venmar AVS introduces its new X Series that combines the best performance with the best energy efficiency to provide fresher, purer air in your home at a lower overall operating cost. That's Pure Efficiency.



## Pure Savings

### Up to 60% less power consumption

The most energy efficient HRVs and ERVs certified by ENERGY STAR®. Venmar X Series sets new standards in energy efficiency by consuming up to 60% less power than any other HRVs or ERVs certified by ENERGY STAR<sup>1</sup>.

## Pure Fresh Air

### High Efficiency Filtration



The Venmar X Series continuously supplies fresh air to your house and exhausts stale air and pollutants that can contribute to poor air quality. This fresh air is filtered using a MERV 6 grade filter to ensure a healthier indoor environment. For households with people suffering from allergies, asthma or other respiratory problems, an **optional HEPA filter** that removes 99.97% of all dust and particles at 0.3 microns is also offered.





## Pure Control

# Optimized airflow at your fingertips

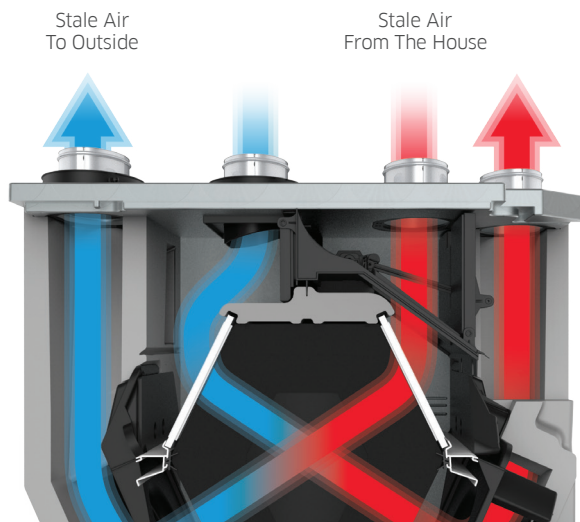
At installation, the Venmar X Series inside control panel features electronic balancing and no balancing dampers. Airflow of the low, high and override speeds can be customized for full flexibility or simply by using the factory pre-set speeds.

What's more, the exclusive X-Touch wall control with new user interface offers five different modes according to ventilation needs. The "Smart" mode setting monitors indoor and outdoor conditions to continually optimize ventilation. Plus, a handy "Turbo" shortcut button can easily switch units to high speed for 4 hours when additional ventilation is required.

## Pure Performance

# Highest heat recovery in cold conditions<sup>2</sup>

The Venmar X Series is designed to manage all climatic conditions in North America. Under cold conditions, the X24ERVE recovers up to 80% of heating at -10°C and the X24HRVE recovers up to 73% at -25°C, giving it hands down the best heat recovery performance in the industry.



## Pure Confidence

# Up to 3 times beyond current ENERGY STAR<sup>®</sup> requirements<sup>3</sup>

Venmar HRVs and ERVs from the X Series meet the strictest standards of ENERGY STAR and set new standards in energy efficiency with a CFM/Watt ratio ranging between 2.9 and 3.6.



This product earned the ENERGY STAR rating by meeting strict energy efficiency guidelines set by Natural Resources Canada and the US EPA. It meets ENERGY STAR requirements only when used in Canada.

- 1 Based on the CFM/Watt performance of the ENERGY STAR product lists of heat/energy recovery ventilators posted on December 2015.
- 2 X24HRVE model. Based on the SRE% performance at -25°C of the ENERGY STAR product lists of heat/energy recovery ventilators posted on December 2015.
- 3 CFM/Watt requirement of the heat/energy recovery ventilation (HRVs) and (ERVs)-ENERGY STAR technical specifications. Version 2.0.

# TECHNICAL SPECIFICATIONS



X Series



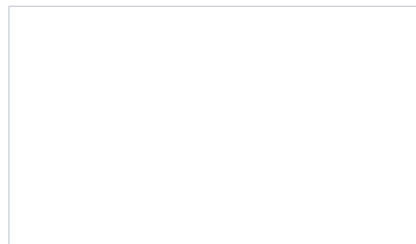
	NEW X24HRV ECM	NEW X24ERV ECM	NEW X30HRV ECM	NEW X30ERV ECM
Part number	X24HRVE	X24ERVE	X30HRVE	X30ERVE
Recovery type	HRV	ERV	HRV	ERV
CFM at 0.2 in. w.g.	245	226	271	259
CFM at 0.4 in. w.g.	226	210	250	241
Fan efficacy (CFM/Watt)*	3.4	2.9	3.6	3.6
Electrical consumption*	19 W	22 W	18 W	18 W
Sensible recovery efficiency at 0°C*	81%	84%	75%	75%
Apparent sensible recovery efficiency at 0 °C*	85%	88%	81%	80%
Sensible recovery efficiency at -25°C*	73%	65%	66%	65%
Apparent sensible recovery efficiency at -25°C*	88%	88%	83%	82%
Total recovery efficiency at 35°C*	-	68%	-	65%
Filtration*	MERV 6 HEPA (opt)	MERV 6 HEPA (opt)	MERV 6 HEPA (opt)	MERV 6 HEPA (opt)
Motor	ECM	ECM	ECM	ECM
Product dimensions (in.) (W x D x H)	32 x 20 x 31	32 x 20 x 31	32 x 20 x 31	32 x 20 x 31
Warranty on parts	5 years	5 years	5 years	5 years
Warranty on core	Limited lifetime	10 years	Limited lifetime	10 years
Control compatibility	X-Touch (40455)	X-Touch (40455)	X-Touch (40455)	X-Touch (40455)
ENERGY STAR®**	✓	✓	✓	✓

These specifications are subject to change without notice; please see the specification sheet at [www.venmar.ca](http://www.venmar.ca). \*Performance calculated at a speed of 64 CFM. \*\*This product earned the ENERGY STAR rating by meeting strict energy efficiency guidelines set by Natural Resources Canada and the US EPA. It meets ENERGY STAR requirements only when used in Canada.

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The X Series was designed to meet the highest standards of energy efficiency for HRVs and ERVs and, when incorporated into properly designed systems, the X Series is suitable to meet the requirements of high efficiency building programs such as Net Zero Energy Homes, ENERGY STAR for New Homes, LEED® and Passive House. We invite you to please contact your local program representatives to verify the eligibility of the X Series products to these programs.

AUTHORIZED DEALER



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