

Which HRV air exchanger
is ready for the future
of eco-efficient products

Built with high performance
ECM MOTORS



*A new era begins with
the ultra-efficient and
environmentally-friendly
HRV air exchanger*

eKO

The eco-friendly fresh air system



eKO

The eco-friendly solution for residential ventilation

- With 2.53 CFM/watt, EKO 1.5 is the most efficient HRV in the industry
- Significant electrical consumption savings (67% average compared to standard PSC motors)
- Ideal for high performance new homes
- Compact footprint (25 5/8" H x 24 7/16" W x 15 1/8" D) allows an easy fit in restricted spaces
- Quick access to all components and electronics for easy maintenance
- 6" diameter ports located on top of unit to simplify installation and provide a cleaner appearance
- All aspects designed to facilitate balancing of air flow and simplify installation

THE EKO 1.5 IS ENGINEERED TO BE ONE OF THE MOST



high performance motors that are equivalent to 80% of a home's heating or cooling. Ideal for energy costs without affecting its performance. Available with the state-of-the-art control. Available with the state-of-the-art heat recovery, ventilation and quiet operation.



Metal port, fuse protection on motors and on input power, as well as state-of-the-art motor technology supported by a 5-year warranty.



High performance ECM* motor


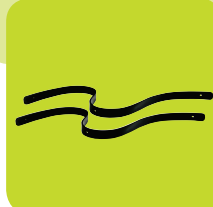


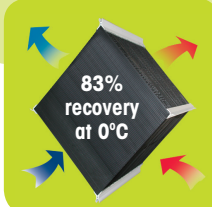


- 13.5 watts in low speed. That's 75% less energy than a standard light bulb
- Integrated electronic board on motor optimizes performance, keeps the motor cool and minimizes noise
- Four sets of speed available at the touch of a button:
40-80 CFM (18.9-37.8 l/s),
53-105 CFM (20.0-49.6 l/s),
66-132 CFM (31.1-62.3 l/s),
80-157 CFM (37.8-74.1 l/s)

* Electronically commutated motor

ECO-FRIENDLY HRV AIR EXCHANGERS ON THE MARKET. Its innovative design incorporates extremely efficient compact fluorescent bulbs (13.5 watts each), which enable EKO to significantly lower energy consumption. Additional energy efficiency is found through its advanced heat recovery core, which can retain up to 83% of heat for small to mid-size homes, this balanced system offers superior indoor air quality and humidity control. With programmable Altitude wall control, EKO surpasses energy-saving standards while providing effective ventilation at a competitive price.

- Energy-Efficient Altitude Wall Control
- Duct Mounting Straps
- Unique Balancing System
- Optimized Drainage System
- Heat Recovery Core (HRV) with Superior Capacity
- HomeShield™ Defrosting System
- HVI Certification (Home Ventilation Institute)

For over 30 years, Venmar AVS has been setting new standards in ventilation performance.

<p>Unique for its ability to automatically maintain home comfort, Altitude makes sure the unit provides the right quantity of fresh air at the right time.</p>	<p>Eliminate the need to seal with tape for quicker installations and a cleaner, more professional result. Permits removal of unit without damaging the ducting's vapor barrier.</p>	<p>Reduces installation time; unit should be balanced by an HVAC professional (balancing key included, pressure gauge required).</p>	<p>Quick connect drain fixture features a deep one-piece condensation pan; prevents leaks, simplifies installation, offers easy maintenance and allows slanting up to 10°.</p>	<p>Meets energy-saving guidelines and improves home comfort by warming incoming air before it is sent throughout the home.</p>	<p>Prevents ice build-up on the recovery module without creating negative indoor air pressure.</p>	<p>As an active HVI member for over 20 years, all Venmar HRV's are HVI certified.</p>
						

Premium features that make all the difference

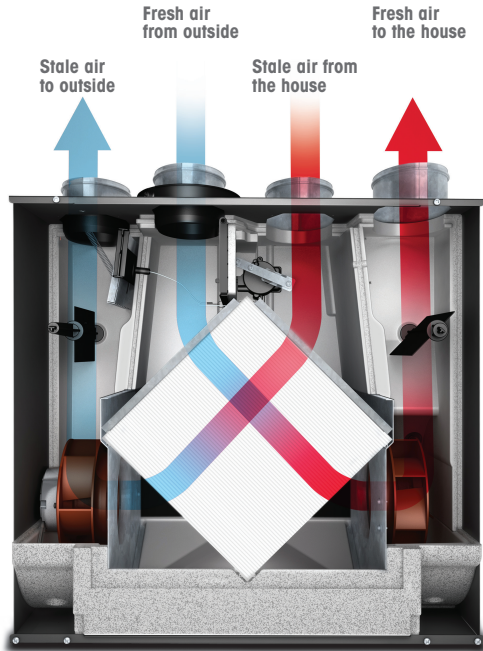
eKO

Quick and Easy Strap System
Duct mounting straps eliminate the need to seal with tape and protect the vapor barrier for quicker installations and easy maintenance.

Integrated Electronic Board on Motor
Optimizes performance, keeps the motors cool and minimizes noise.

HomeShield™ Defrosting System
Prevents ice build-up on recovery module without creating negative indoor air pressure.

Motor Assembly
Can easily be replaced in less than 7 minutes, allowing a simple and fast maintenance.



Heat Recovery Core
Offers superior efficiency by warming the incoming fresh, colder air in the winter before it is distributed throughout your home.

Core Maintenance
Enjoy quick and simple maintenance with a heat recovery core that is easy to remove and can be washed in water.

Balancing System
Pressure taps eliminate the need for an external flow meter and reduce installation time.

Easy to Reach Filters
Washable foam filters effectively filter airborne particles, such as pet dander, lint, dust and mold spores, while protecting the equipment from dust build-up.

ALTITUDE

by Venmar

Included with the EKO 1.5, Altitude is the most evolved wall control on the market. Fully programmable, it features an impressive choice of operating modes, such as the Smart Mode feature, as well as an appealing, customizable LCD display.



SMART Mode Features

- Automatically controls ventilation
- Uses indoor humidity level and outdoor temperature to modulate ventilation
- Triggers humidifier or dehumidifier (with optional module)
- Displays error code to simplify troubleshooting
- Reduces callbacks and provides peace of mind for your customers

SPECIFICATIONS	Rate of air flow CFM* (min./max.)	Rate of air flow l/s* (min./max.)	Diameter of ports	Filter	Voltage	Power	Dimensions (Height) (Width) (Depth)	Weight (approx.)	Type of Recovery	Main Wall Control (included)	Optional Wall Control (sold separately)	HVI Certification	Warranty on Core	Warranty on Parts
SYSTEM														
EKO 1.5	40-80 53-105 66-132 80-157	18.9-37.8 20.0-49.6 31.1-62.3 37.8-74.1	6 in. oval (15 cm)	Washable foam filter	120 volts	24 watts at 49 CFM 2.04 CFM/watt 32 watts at 81 CFM 2.53 CFM/watt	25 5/8 in. (65.08 cm) 24 7/16 in. (62.07 cm) 15 1/8 in. (38.13 cm)	51 lb. (23.1 kg)	HRV	Altitude	20/40/60-Minute Push-Button	Yes	Limited Lifetime	5 years

* CFM: Cubic feet per minute. Based on typical installation.
† l/s: Liters per second.

AVAILABLE AT THIS AUTHORIZED DEALER

Specifications subject to change without notice.


VENMAR
AVS
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