

Built with high performance
ECM MOTORS

A new era begins with ultra-efficient and environmentally-friendly air exchangers



eKO

The eco-friendly fresh air system

NEW 
ERV EKO 1.5


VENMAR[®]
AVS
THE PROFESSIONALS' CHOICE





- State-of-the-art ECM motors provide significant electrical consumption savings (67% average compared to standard PSC motors)
- ENERGY STAR® qualified: Ideal for high performance small to mid-size homes
- Compact footprint allows an easy fit in restricted spaces
- 6" diameter metal 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

NEW

ERV EKO 1.5



- With 2.27 CFM/Watt, EKO 1.5 is the most efficient ERV in the industry
- No drain needed
- Lowers energy costs by reducing air conditioning load during summer months

ERV (Energy Recovery Ventilator)

- Recovers humidity (latent) and heat (sensible)
- Perfect for dry homes using humidifiers in heating season and air conditioning during cooling season

HRV EKO 1.5



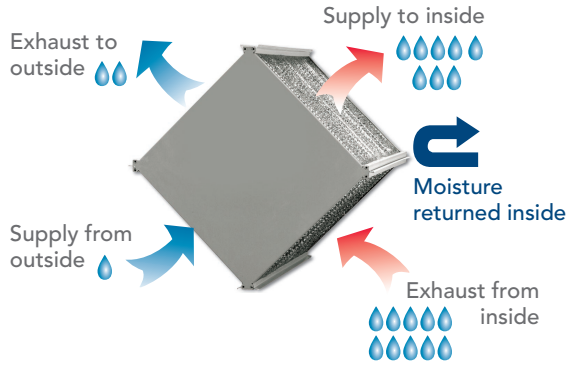
- With 2.53 CFM/Watt, EKO 1.5 is the most efficient HRV in the industry
- Interchangeable with new ERV core without additional mechanical adjustments
- Quick connect drain system simplifies installation

HRV (Heat Recovery Ventilator)

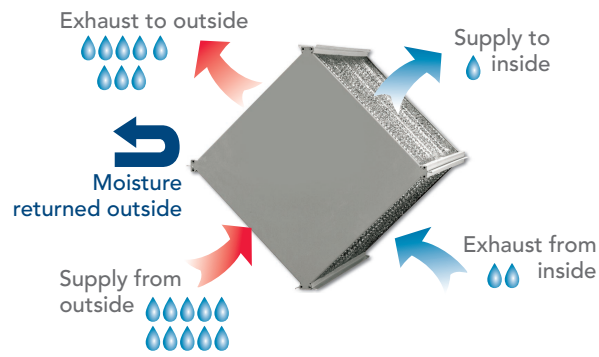
- Recovers heat (sensible)
- Perfect for homes with excess humidity during heating season

ERV Core: Moisture Transfer

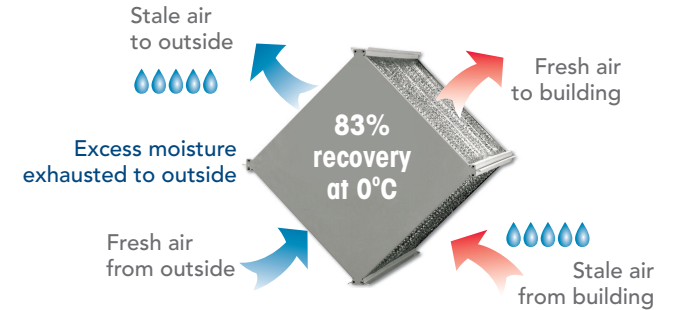
Heating Season



Cooling Season



HRV Core: Heat Recovery



High performance ECM* motor

- 13.5 Watts in low speed. That's 75% less energy than a standard light bulb
- Four sets of speed available at the touch of a button:

HRV:
40-80 CFM
53-105 CFM
66-132 CFM
80-157 CFM

ERV:
40-80 CFM
53-105 CFM
67-120 CFM
84-140 CFM



* Electronically Commutated Motor

Duct Mounting Straps

Eliminate the need to seal with tape for quicker installations, a cleaner, more professional result and prevents damage to the duct's vapor barrier.



Unique Balancing System

Reduces installation time; unit should be balanced by an HVAC professional (balancing keys included, pressure gauge required).



HomeShield™ Defrosting System

Prevents ice build-up on the recovery module without creating negative indoor air pressure.



HVI Certification (Home Ventilating Institute)

As an active HVI member for over 20 years, all Venmar HRV's and ERV's are HVI certified.



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

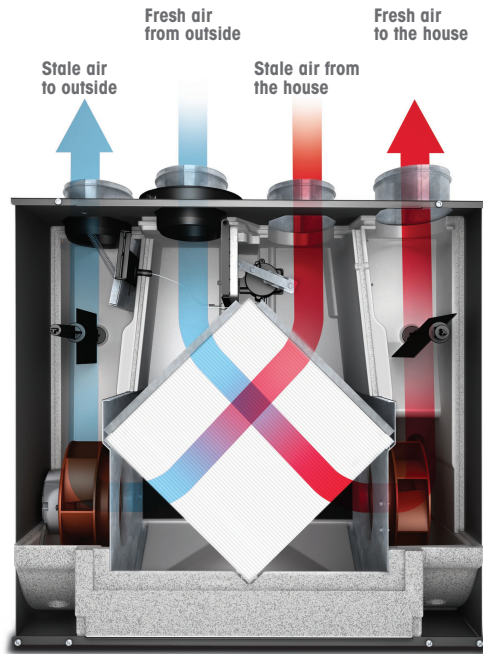
Premium features that make all the difference

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 (HRV)
Offers superior efficiency by warming the incoming fresh, colder air in winter before it is distributed throughout your home.

OR

Energy Recovery Core (ERV)
Recovers heat and recuperates the energy trapped in moisture, which greatly improves the overall recovery efficiency.

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
- 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														
ERV EKO 1.5 	40-80 53-105 67-120 84-140	18.9-37.8 25.0-49.6 31.6-56.6 39.6-66.1	6 in. oval (15 cm)	Washable foam filter	120 volts	26 Watts at 53 CFM 2.04 CFM/Watt 37 Watts at 84 CFM 2.27 CFM/Watt	25 5/8 in. (65.08 cm) 24 7/16 in. (62.07 cm) 15 1/8 in. (38.13 cm)	65 lb. (29.5 kg)	ERV	Altitude	20/40/60-Minute Push-Button	Yes	5 years	5 years
HRV EKO 1.5 	40-80 53-105 66-132 80-157	18.9-37.8 25.0-49.6 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

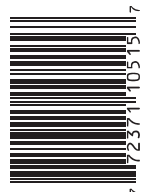
* CFM: Cubic feet per minute. Based on typical installation.
† l/s: Liters per second.

Specifications subject to change without notice.

AVAILABLE AT THIS AUTHORIZED DEALER



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