



VENMAR AVS DUO 1.9

Part no. 45700 Canada/U.S.A.
117 to 169 CFM (0.4 in. w.g.)



VB0088

THE "HEALTH CONSCIOUS" SYSTEM THAT IS RIGHT FOR YOU

Designed to provide clean air all year round, the AVS DUO is particularly intended for customers with health concerns. Airborne bacteria, mites and allergens such as dust, pollen and mold are removed. Combined with an optional filter that can be inserted in the unit, the AVS DUO is the perfect ventilation system that provides a healthier indoor environment. The AVS DUO is also the prime choice to work in combination with an air conditioning unit.

- Reversible unit installation
- Improved standard filter performance
- Unique pan design, easier to clean and maintain
- Integrated balancing dampers and pressure taps
- Polymeric enthalpy wheel: Recovers heat and humidity
- No drain
- Exclusive HomeShield™ patented defrost system
- SilentSure™ operation
- PSC motor

REPAIRS AND MAINTENANCE

Venmar AVS DUO modular design makes it possible to remove all mechanical parts in less than 5 minutes. The recovery wheel and its driving mechanism are characterized by their simplicity and ease of maintenance. Resorting to proven technologies, the Venmar development team applied the principle of the belt-driven system used in cars and used a shock and vibration-absorbing axle to prevent wear on the motor.

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 DUO is fully protected by a 5-year warranty including the energy recovery thermal wheel. We are so confident in our product that we also offer a 90-day in-home warranty on parts and service.

Available at:

ENERGY RECOVERY VENTILATOR

Controls

- Our main control Altitude no. 40440 allows you to manage your ventilation with a programmable mode. This control also features our fully automated optimizer mode called the Smart mode
- The following main control is also available:
 - Venta no. 40310
- One or more of the following optional controls can be added:
 - Humidity Control no. 11297
 - 60-minute mechanical timer no. 00910
 - 20/40/60-minute push button no. 03364

Options

- Complete line of registers and diffusers
- Electric duct heater
- Filters:
 - Charcoal no. 03315
 - Pleated no. 03316
 - Electronic no. 03314

Homeshield™ Defrosting System

The AVS DUO 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		9/60
-15 TO -27	5 TO -19		9/32
-27 & LESS	-19 & LESS		9/20

Energy Recovery Wheel

Dimensions: 14" Ø x 3¾" (36 cm Ø x 9.5 cm)

Weight: 5.5 lb (2.5 kg)

Material: Polymeric wheel impregnated with desiccant

Type: Thermal wheel

Warranty: 5-year warranty

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 the CSA F326 requirements regulating the installation of Energy Recovery Ventilators
- Technical data was obtained from published results of tests relating to CSA C439 Standards
- HVI certified

