

# AEV 1000

## Air Ventilator



Suitable for temperate climates where balanced ventilation is needed, an Air Exchanger Ventilator (AEV 1000) is designed to provide fresh air into a building while exhausting an equal amount of stale air. During the winter months, the incoming cold fresh air is warmed by mixing it with return air before it is supplied to the home. During summer months when the indoor space is air conditioned, the AEV will help in cooling the incoming fresh air with the stale air that is being exhausted.

### Features

- Washable synthetic filter
- Unit can be installed in any position
- External three position (Low/Standby/Medium)
- Weighs 10 lbs (10 Kg)

### Accessories

- MDEH1 – Dehumidistat

### Specifications

- Duct size – 5" (127 mm)
- Voltage/Phase – 120/1
- Power rated – 81 W
- Amp – 0.7 A
- Average airflow – 68 cfm (32 L/s)  
@ 0.2" P<sub>s</sub> (50 Pa)

### Motors

Two (2) factory-balanced motors with backward curved blades. Motors come with permanently lubricated, sealed ball-bearings to guarantee long life and maintenance-free operation. Covered by a seven year warranty.

### Serviceability

Filter can be easily serviced through access door located on front of the cabinet. Electrical box, with its panel located on the outside of the unit, can also be easily accessed.

### Case

22 gauge galvanized steel. Baked powder coated paint.

### Insulation

Cabinet is fully insulated with 1" (25 mm) high density expanded polystyrene.

### Filters

Washable Synthetic Filter, 11.75" (298.5mm) x 12.88" (327.2mm) x 0.625" (15.88mm).

### Controls

External three (3) position (Low/Stand By/Medium) rocker switch that will offer continuous ventilation. Fantech offers a variety of external controls. (see accessories)

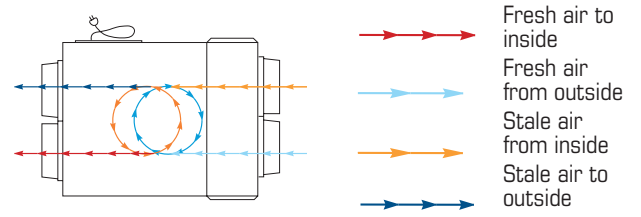
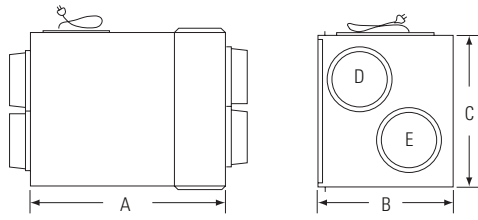
### Installation

Unit is typically hung by using the installation kit supplied with unit. Mounting bolts provided on top four (4) corners of unit. Unit can also be hung in the basement or attic. (see illustrations below)

### Warranty

7 year on motors, and 5 year on parts.

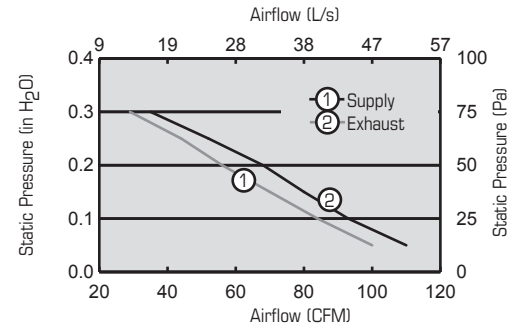
## Dimensions & Airflow



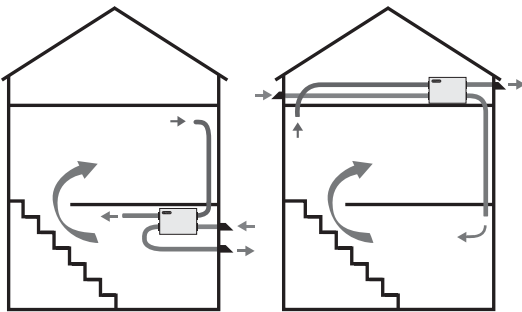
Model	A		B		C		D		E	
	in	mm	in	mm	in	mm	in	mm	in	mm
AEV 1000	18 <sup>3</sup> / <sub>16</sub>	457	12 <sup>1</sup> / <sub>2</sub>	318	14	356	5	127	5	127

## Ventilation Performance

in. wg. (Pa)	0.1 (25)	0.2 (50)	0.3 (75)
	cfm (L/s)	cfm (L/s)	cfm (L/s)
Supply airflow	93 (44)	68 (32)	35 (17)
Exhaust airflow	84 (40)	56 (26)	29 (14)



## Installation



## Requirements and standards

- Complies with the CSA C22.2 no. 113 Standard applicable to fans and ventilators
- Complies with the CSA F326 requirements regulating the installation of Residential Mechanical Ventilation Systems

## Contacts

Submitted by:	Date:
Quantity: Model:	Project #:
Comments:	
Location:	
Architect:	
Engineer:	Contractor:

## Distributed by:

United States 10048 Industrial Blvd. • Lenexa, KS 66061 • 1.800.747.1762 • www.fantech.net

Canada 50 Kanalfakt Way • Bouctouche, NB E4S 3M5 • 1.800.565.3548 • www.fantech.net

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