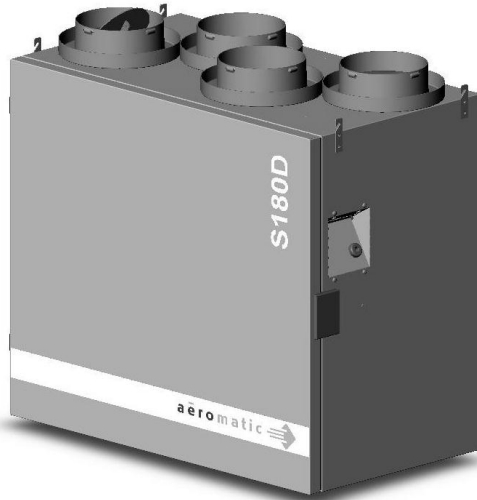


# E180D

## ENERGY RECOVERY VENTILATOR



part #673155



### AÉROMATIC E180D

The AÉROMATIC E180D is an energy recovery ventilator of 180 CFM. It is conceived for apartments and condominiums. Its compact conception and its ducts on the top endow it with a big flexibility to install.

The AÉROMATIC E180D offers impressive energy recovery efficiency for such a small case. The electronic Control card offers an electronic calibration of the appliance as well as infinite speeds of operations. This unit the Energy Star requirement.

- Compact
- Flexibility of installation
- Simplified speed adjustment and balancing
- High recovery efficiency
- Integrated Thermal Sensor
- Circulation defrost, to prevent depressurisation
- Inside Lining is aluminum to facilitate cleaning
- Silent
- Very economical

#### Casing

Material : Pre-painted steel 24GA  
 Isolation : Fiberglass with FSK  
 Drain connection : Ø3/8"  
 Duct diameter: Ø6 in  
 Height : 24 in  
 Width : 27 5/8 in  
 Depth : 15 3/4 in  
 Weight : 58 lbs

#### Mount

Suspended by chains with anti-vibration springs or a shelf

#### Ventilators

Number : 2  
 Type : Motorized impeller (backward inclined centrifugal fan)  
 Dimensions : Ø190mm X 68.5mm

#### Electrical Specifications

Tension : 120 VAC  
 Frequency : 60 Hz  
 Amperage : 1.8 A  
 Power : 216 Watt  
 Extension Cord: 3 feet with a 3 prongs plug

#### Control

Low voltage dry contact (24 VAC) for :

- Fan interlock (NO and NC)
- Liquid crystal display electronic humidistat #611227
- Mode Control (exchange or recirculation) #611230
- Humidity Control #611224
- Speed Control (intermittent, high or low speed) #611229
- Timer #611228

#### Defrost

DEFROST CYCLE TEMPERATURE			
Outside temperature		Standard	Extended
Celsius	Fahrenheit	min def/vent	min def/vent
t > -10	t > 14	n.a.	n.a.
-10 > t > -25	14 > t > -13	9/22	10/20
-25 > t	-13 > t	10/20	10/15

- Cycles Controlled by a temperature sensor
- By recirculation

#### Filters

Number : 2  
 Type : Aluminium #612261  
 Type options ; Coal #612262 or high efficiency #612263  
 Dimensions : 11 3/8 in X 13 5/8 in X 3/8 in

#### Recovery Core

Material : Polymeric membrane  
 Dimensions : 11 15/16in X 11 15/16in X 13 5/8 in  
 Step : 2.5mm

#### Warranty

Appliance : limited 5 years  
 Core Assembly : limited 5 years

#### Norms and certifications

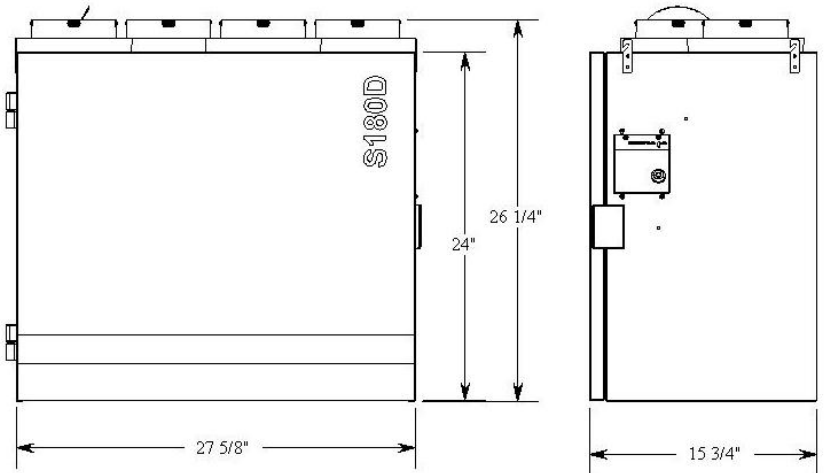
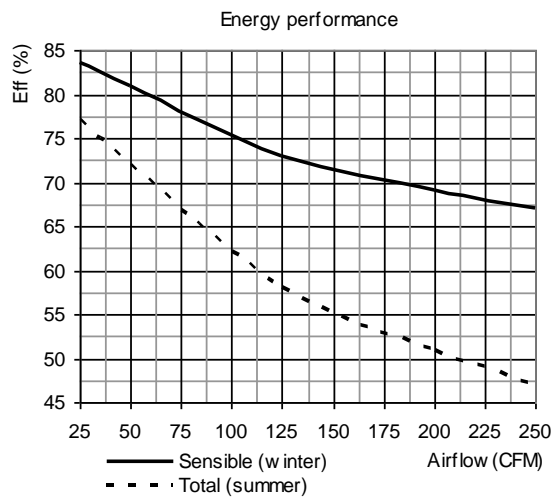
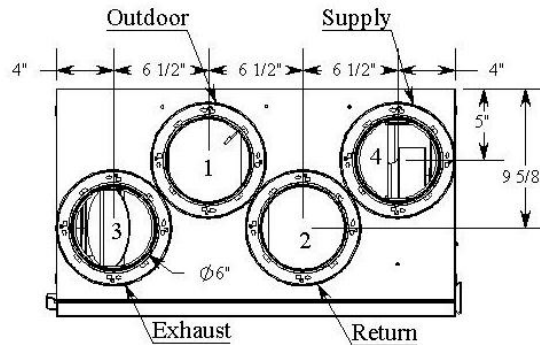
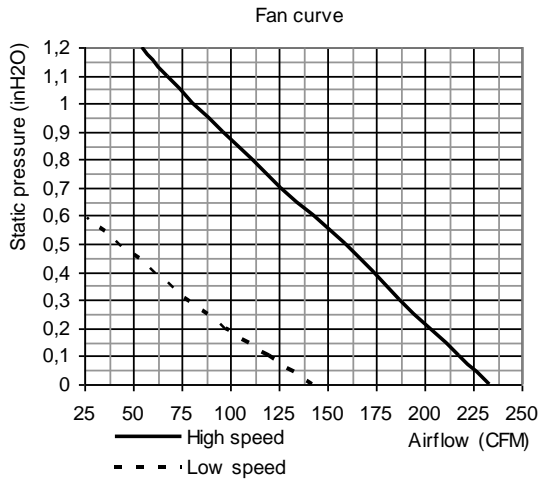
- Conformity to Norms :
  - C22.2 no113
  - UL 507



846, de la Station, bureau 101 - Saint-Léonard d'Aston (Québec) - Canada J0C 1M0  
 T 819.399.3400 1.800.262.0916 - F 819.399.4001 - [info@air2000.ca](mailto:info@air2000.ca) - [www.air2000.ca](http://www.air2000.ca)

### Ventilator performance

### Dimensions



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

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