

SER 260D

Energy Recovery Ventilator

Product #: 99299



Suitable for very large residential or small commercial applications, the compact SER 260D comes with access panels on both sides of the unit for installation versatility. The SER 260D unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. The enthalpic core at the center of the unit transfers heat and moisture from the incoming air to the outgoing air that was cooled and dried by the building's air conditioner.

Features

- Simple yet sophisticated design makes these units the most reliable ERV on the market
- Removable screw terminal for easy connection
- ERV transfers both heat and humidity
- Anti-microbial material
- Withstands freezing
- AHRI certified
- Fans with backward curved RadiCAL blade
- No balancing required
- Weighs 80 lbs (38Kg)

Optional Controls

- ECO-Touch™ (#44929) – Programmable Touch Screen Wall Control
- EDF7 (#44883) – Electronic multi-function dehumidistat
- EDF1 (#40375) – Multi-function control
- RTS5 (#44794) – 20/40/60 minute over-ride
- RTS2 (#40164) – 20 minute over-ride
- MDEH1 (#40172) – Dehumidistat

Specifications

- Duct size – 8" (203 mm)
- Voltage/Phase – 120/1
- Power rated – 300 W
- Amp – 2.5 A
- Average airflow – 239 cfm (113 L/s)
@ 0.4" P_s (100Pa)

Fans

Four (4) factory-balanced fans with backward curved blades. Motors come with permanently lubricated, sealed ball-bearings to guarantee long life and maintenance-free operation.

Energy Recovery Core

Two (2) AHRI certified core made from water vapor transport durable polymer membrane that is highly permeable to humidity. The ERV core is freeze tolerant and water washable. Core dimensions are 12" x 12" (305 x 305 mm) with a 12" (305 mm) depth.

Defrost

A preset defrost sequence is activated at an outdoor air temperature of 23°F (-5°C) and lower. During the defrost sequence, the supply blower shuts down & the exhaust blower switches into high speed to maximize the effectiveness of the defrost strategy. The unit then returns to normal operation, and continues cycle.

Serviceability

Core, filters, fans, drain pan and electrical panel can be accessed easily from the access panel. Core conveniently slides out with only 14" (356 mm) clearance.

Case

20 gauge galvanized steel. Baked powder coated paint.

Insulation

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

Filters

Four (4) washable electrostatic panel type air filters 11.75" (292mm) x 15" (380mm) x 0.125" (3mm).

Controls

External three (3) position (Reduced/Stand By/Normal) rocker switch that will offer continuous ventilation. In addition Fantech offers a variety of external controls.

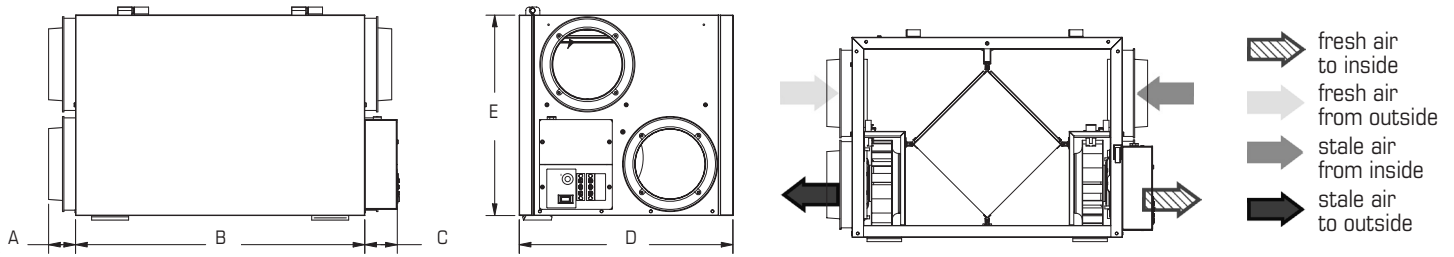
Warranty

5 years on energy recovery core, 7 year on motors, and 5 year on parts.



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Dimensions & Airflow



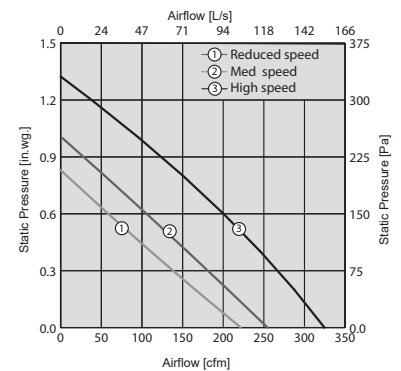
Model	A		B		C		D		E	
	in	mm	in	mm	in	mm	in	mm	in	mm
SER2600	2 1/4	57	27 7/8	708	2 3/4	70	25 1/4	641	20 1/2	521

Clearance of 17" (432 mm) in front of the unit is recommended for removal of core. All units feature three foot plug-in power cord with 3-prong plug.

Ventilation Performance

in. wg. (Pa)	0.2 (50)	0.4 (100)	0.6 (150)	0.8 (200)	1.0 (250)
	cfm (L/s)	cfm (L/s)	cfm (L/s)	cfm (L/s)	cfm (L/s)
Net supply airflow	279 (132)	239 (113)	194 (92)	146 (69)	94 (44)
Gross supply airflow	287 (136)	246 (116)	200 (95)	151 (71)	97 (46)
Gross exhaust airflow	287 (136)	246 (116)	200 (95)	151 (71)	97 (46)

These measurements are for HIGH speed only



Energy performance

	Speed	Supply temperature		Net airflow		Consumed Power	Net effectiveness		
		°F	°C	cfm	L/s		W	Sensible	Latent
						%		%	%
Heating	Low	35	1.7	165	78	163	73	58	68
	Medium	35	1.7	205	97	197	71	54	65
	High	35	1.7	240	113	275	70	50	63
Cooling	Low	95	35	165	78	163	73	54	61
	Medium	95	35	205	97	197	71	50	58
	High	95	35	240	113	275	70	47	56

Requirements and standards

- Complies with the UL 1812 requirements regulating the construction and installation of Heat Recovery Ventilators
- Complies with the CSA C22.2 no. 113 Standard applicable to ventilators
- Complies with the CSA F326 requirements regulating the installation of Heat Recovery Ventilators
- Technical data was obtained from published results of test relating to CSA C439 Standards
- Energy Recovery Core is ISO 846 certified for mold and bacteria resistance and AHRI certified (certificate #8931528)
- Technical data was obtained from published results of test relating to AHRI 1060 Standards

Contacts

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

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