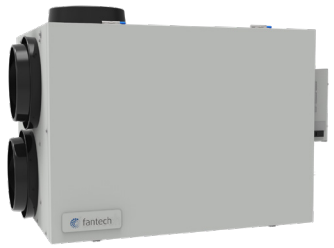
SHR 260RD

Heat Recovery Ventilator

Product #: 463279



Suitable for very large residential or small commercial applications, the compact SHR 260RD comes with access panels on both sides of the unit for installation versatility. The unit is designed for higher static pressure and higher airflow applications. The unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. During winter, fresh incoming air is tempered by the heat that is transferred from the outgoing air so you save on energy costs, while during summer, the incoming air is pre-cooled if the house is equipped with an air cooling system. The SHR 260RD is equipped with automatic defrost mechanisms so you can use your HRV all year long.

Features

- Compact design
- Backward curved blade motors
- Electrostatic filters (washable)
- Two (2) aluminum heat recovery core
- Removable screw terminal for easy connection
- Access doors on two sides of the cabinet for multiple installation arrangements and for better serviceability
- Improved core guide channels for easy removal of core
- Weighs 90 lbs (40.91 Kg)

Optional controls

- ECO-Touch^{IAQ} – Programmable Touch Screen Wall Control
- ECO-Feel – Automatic IAQ Control
- EDF7 – Electronic multi-function dehumidistat
- EDF1R – Multi-function dehumidistat
- RTS-W – Wireless 20/40/60 minute timer
- RTS2 – 20 minute over-ride
- RTS5 – 20/40/60 minute timer
- MDEH1 – Dehumidistat

Specifications

- Duct size – 8" (203 mm)
- Voltage/Phase – 120/1
- Power rated – 300 W
- Amp – 2.5 A
- Average airflow @ 0.4" P_S (100Pa) – 267 cfm (126 L/s)

Motors

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.

Heat Recovery Core

Two (2) aluminum heat recovery core covered by a limited lifetime warranty. Core dimensions are 12" x 12" (305 x 305 mm) with a 11,5" (292 mm) depth. Our heat exchangers are designed and manufactured to withstand extreme temperature variations.

Defrost

The SHR 260RD incorporates a unique and quiet internal recirculation defrost that does not depressurize the home during the defrost cycle. A preset defrost sequence is activated when the outdoor temperature falls below 23°F (-5°C) and automatically adjusts itself based on operating conditions. The fan speed is also adjusted automatically to provide a smooth and quiet transition between Ventilation & Defrost mode.

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

22 gauge galvanized steel cabinet with a pre-painted steel corrosion resistant door.

Insulation

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

Filters

Four (4) washable electrostatic panel type air filters 11,5" (292mm) x 11,4" (290 mm) x 0.125" (3mm).

Controls

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

Installation

Unit is typically hung by using installation kit supplied with unit. Mounting bolts provided on top four (4) corners of unit.

Warranty

Limited lifetime on aluminum core, 7 year on motors, and 5 year on parts.

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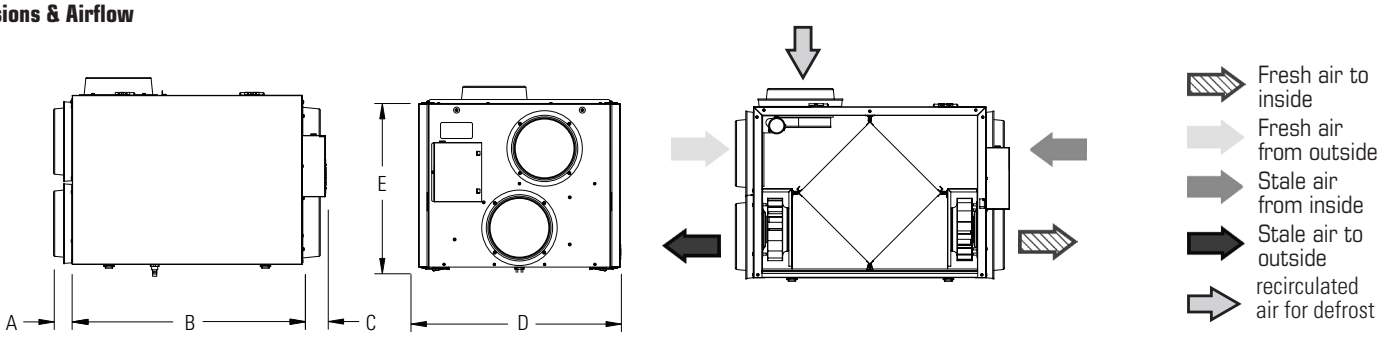
Dimensions & Airflow



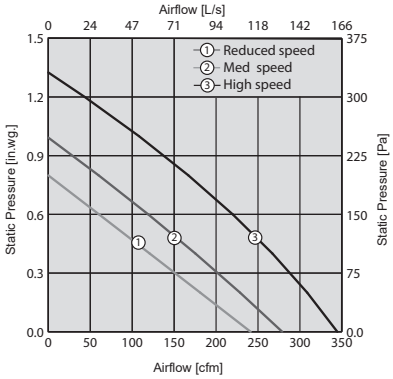
Model	A		B		C		D		E	
	in	mm	in	mm	in	mm	in	mm	in	mm
SHR 260RD	2 1/4	57	27 7/8	708	2 3/4	70	25 1/4	641	20 1/2	521

Clearance of 14" (356mm) 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	299 (141)	259 (122)	213 (101)	162 (76)	105 (49)
Gross supply airflow	309 (146)	267 (126)	220 (104)	167 (79)	108 (51)
Gross exhaust airflow	309 (146)	267 (126)	220 (104)	167 (79)	107 (51)

These measurements are for HIGH speed only



Energy performance

	Supply temperature		Net airflow		Consumed power	Sensible recovery efficiency	Apparent sensible effectiveness*	Latent recovery/moisture transfer
	°F	°C	cfm	L/s	W	%	%	-
Heating	32	0	118	56	136	66	77	0.02
	32	0	162	76	182	66	76	0.02
	32	0	248	116	272	64	74	0.03
	-13	-25	123	57	168	67	79	0.05

*Not an HVI Certified Value

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
- AHRI certifies the published performance ratings of the COMPONENT used in this product in accordance with AHRI 1060. AHRI Certified Reference Number: 10514479, model number TE-HRC 305S. Note that only the COMPONENT is AHRI 1060 certified and not the product itself.
- HVI certified

Contacts

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

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