



Fantech

Your Ventilation Solutions Company



FEATURES

- Compact design
- Backward curved blade motors
- Electrostatic filters (washable)
- Polypropylene heat recovery core
- External screw type dry contacts
- Improved core guide channels for easy removal of core

OPTIONAL CONTROLS

- EDF 5 – Digital multi-function wall control with recirculation
- EDF 2 – Digital multi-function wall control
- MDEH 2 – Mechanical low voltage dehumidistat with On/Off switch
- MDEH 1 – Mechanical low voltage dehumidistat
- RTS 2 – 15 Minute pushbutton timer
- FD 30M – 30 Minute crank timer
- AQS 1 – Air quality sensor

WARRANTY

- 7 year on motors
- 5 year on parts
- Lifetime on core (limited)

Distributed by:

Heat Recovery Ventilator Model SHR 1504

SPECIFICATIONS

CASE 24 gauge galvanized steel. Powder coated finish, antique white. Insulated with 1" (25 mm) high density polystyrene foam to prevent condensation and meet the requirements of the Underwriters Laboratories 94HF.

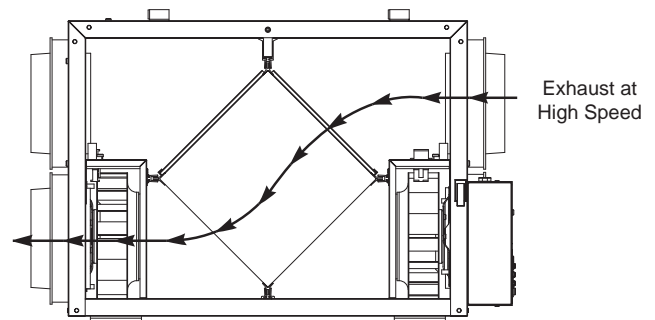
MOTORS Two (2) German-engineered, factory-balanced ebm™ motors with backward curved blades. Motors come with permanently lubricated sealed bearings guarantee long life and maintenance-free operation. Seven (7) year warranty.

FILTERS Two (2) Washable Electrostatic Panel Type Air Filters, 8.5" (216mm) x 15" (380mm) x 0.125" (3mm).

CORE A polypropylene heat recovery core configured for an efficient cross-flow ventilation. Core is 9" x 9" (229 x 229 mm) with a 15" (380 mm) depth. Cores are manufactured to withstand extreme temperature variations.

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

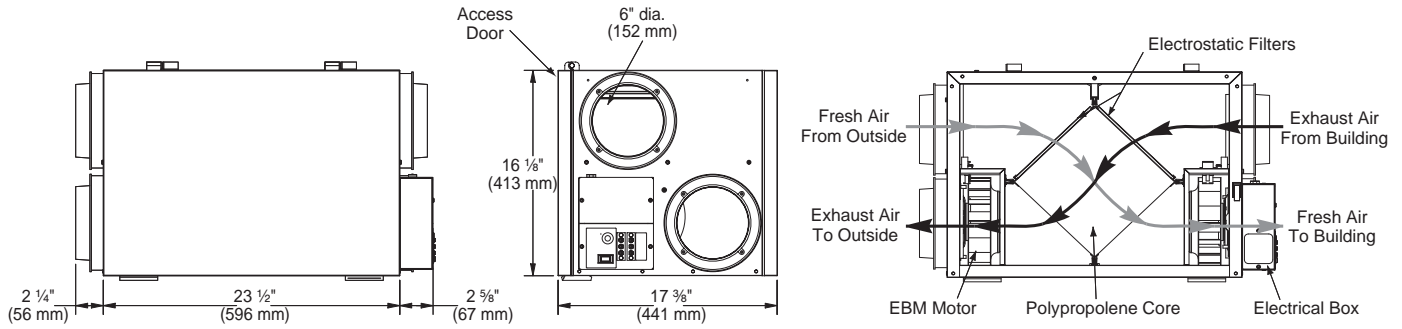
DEFROST During the defrost sequence, the supply blower shuts down and the exhaust blower switches into high speed to maximize the effectiveness of the defrost strategy. During this cycle, household odors from the kitchen or bathroom are prevented from entering the home and the unit will not create negative pressure.



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

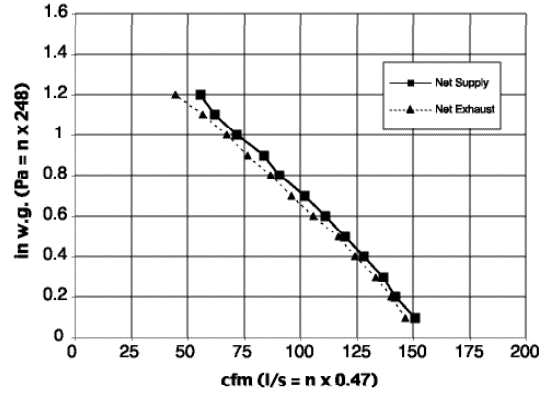
SERVICEABILITY Core, filters, motors and drain pan can be easily serviced through latched access door. Core conveniently slides out with ease on an improved railing system. Electrical box, placed on the outside of the unit, can also be easily accessed.

Dimensions & Airflow - All units feature three foot plug-in power cord with 3-prong plug.



Ventilation Performance

EXT. STATIC PRESSURE	NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY				EXHAUST	
	Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	71	151	72	153	68	145	
50	0.2	67	142	68	144	66	139	
75	0.3	65	137	65	138	62	132	
100	0.4	60	128	61	130	58	123	
125	0.5	57	120	57	121	55	116	
150	0.6	52	111	53	112	50	105	
175	0.7	48	102	49	103	45	95	
200	0.8	43	91	43	92	41	86	



Energy Performance

	SUPPLY TEMPERATURE		NET AIRFLOW		POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
	°C	°F	L/s	cfm				
Heating	0	32	30	64	94	61	72	0.01
	0	32	39	83	121	59	70	0.02
	0	32	57	121	168	56	66	0.02
	-25	-13	41	87	119	56	69	0.05
	-25	-13	30	64	86	55	-	-
Total Recovery Efficiency								
Cooling	35	95	30	64	96		14	
	35	95	53	113	163		12	

Specifications and Ratings

- Model: SHR 1504
- Total assembled weight: 45 lbs
- Cabinet: 24 ga. steel w/ powder coat finish
- Motors: ebm motor w/backward curved blades
- Filters: 2 washable electrostatic filters
8.5" (216mm) x 15" (380mm) x 0.125" (3mm)
- Insulated with 1" (25 mm) high density polystyrene foam to prevent condensation and meet the requirements of the Underwriters Laboratories 94HF.
- Core: Polypropylene (coroplast)
9" (229mm) x 9" (229 mm) x 15" (380 mm)
- Supply & exhaust ducts: 6" (152.4mm)
- Mounting: Suspended by chains & hooks
- Electrical requirements:
Volts Frequency Amps Watts High Speed
120V 60Hz 1.5A 150W
3' plug-in power cord w/ 3-prong plug

Contacts

Submitted by:	Date:
Qty:	Model #:
Comments:	
Project #:	
Location:	
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