

SER 150 Fresh Air Appliance

Item #: 463861

Variant : 120V 1~ 60Hz



Technical parameters

Product	
Voltage (nominal)	120 V
Frequency	60 Hz
Phase(s)	1~
Input power	171 W
Input current	1.4 A
Air flow	144 cfm
Static pressure	0.4 in.wg
Certificate	CSA, HVI
Exchanger	
Exchanger type	Energy recovery (synthetic)
Dimensions and weights	
Weight	42.5 lb
Used for	
Installation placement	Horizontal

Description

- Airflow up to 145 cfm @ 0.4" Ps serves 2 to 5 bedroom homes
- Removable screw terminal for easy connection
- Compatible with Fantech's low-voltage controls
- Three speed ventilation control
- Washable electrostatic filters
- Optional drain line
- Anti-microbial material
- Withstands freezing
- AHRI certified

Application

Fantech's SER 150 is an Energy Recovery Ventilator designed for higher static pressure applications.

How it works

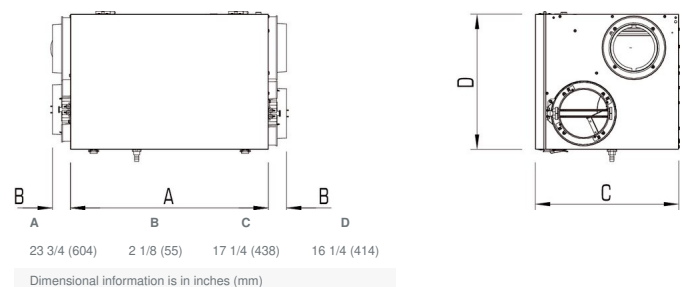
The unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. The energy recovery core at the center of the unit transfers heat and moisture...

[Find more details in our online catalogue](#)

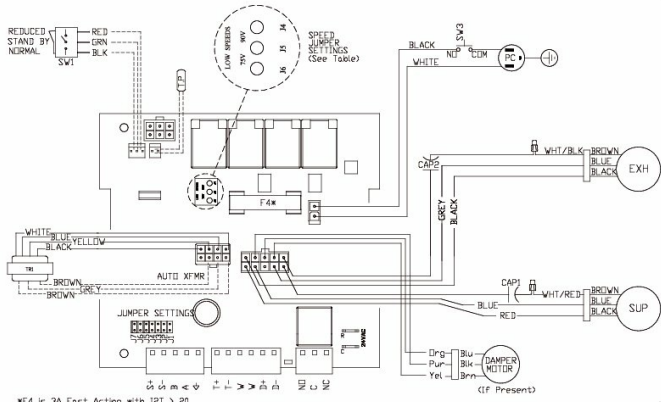
Performances

—	Speed	Supply Temperature		Net Airflow		Consumed Power W	Net Effectiveness		
		°F	°C	cfm	L/s		Sensible %	Latent %	Total %
Heating	Low	35	1.7	75	35	88	62	44	55
	Medium	35	1.7	115	54	120	59	41	53
	High	35	1.7	150	71	171	56	37	50
Cooling	Low	95	35	75	35	88	62	40	50
	Medium	95	35	115	54	120	59	37	46
	High	95	35	150	71	171	56	33	42

Dimensions



Wiring



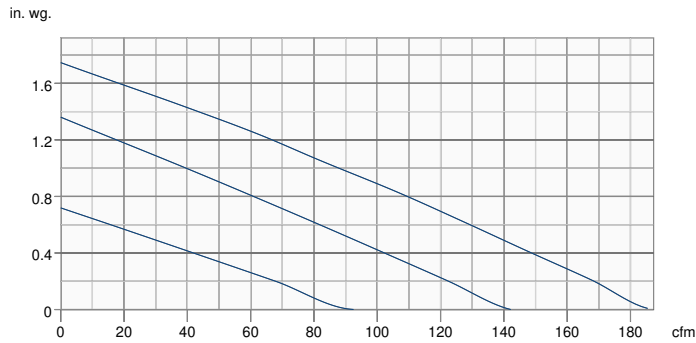
MF4 is 3A Fast Acting with IRT > 20

--- Low voltage factory wiring

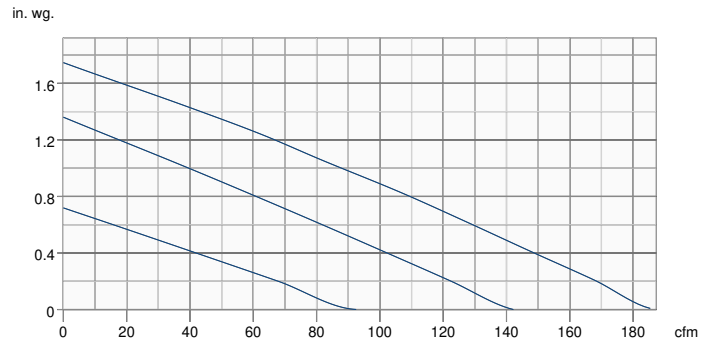
--- Line voltage factory wiring

Model	JUMPER SETTINGS										Low Speed Jumper Settings
	J7	J6	J5	J4	J3	J2	J1				
VHR150R/SHR150R	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	75V
VHR150/SHR150	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	90V

Supply - Performance curve



Extract - Performance curve



Unit	Supply	Extract
Required air flow	-	-
Working air flow	-	-
Required external pressure	-	-
Working air pressure	-	-
Power	-	-
Current	-	-
Air density		0.075 lb/ft ³
Fan control - RPM	-	-

Accessories

ECO-Feel® Auto IAQ Control (414729)

RTS-W Wireless Timer (414920)

FIDT 6 Insulated Flex Duct (411064)

Filter,MERV6,150 cfm,Repl.kit (414647)

Filter,MERV8,260-450,Repl. kit (414928)

MGE 6 Metal Exhaust Grill (411371)

ECO-Touch® Auto IAQ Control (414727)

COM6P Supply and Exhaust Hoods (40222)

ADC 6 Shut-off Damper w Motor (44967)

Filter,MERV8,150 cfm,Repl.kit (414924)

MDEH1 Low Voltage Dehumidistat (40172)

MGS 6 Metal Supply Grill (411242)

Documents

445313 SER150 IOM EN FR.pdf

SER150_463861_SERVICE_MANUAL.PDF

445325 SER150 Spec Sheet.pdf

E400088 SHR150-SHR150R-SER150 Dimensional Submittal.pdf