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FANTECH FTC463891 Owner's Manual

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ATMO 200E Fresh Air Appliance

Side duct connection ERV, 201 cfm, ENERGY STAR®

Item #: 463891



ATMO 200E Fresh Air Appliance continuously supplies 201 cfm of fresh, filtered air while removing an equal amount of stale air. Controlled ventilation ensures home occupants receive the highest level of comfort. Up to 75% of the heat in the extract air is recovered by the energy exchanger and used to temper the fresh air coming from outside.

- Side port 6" duct connection
- Up to 201 cfm @ 0.4 in.wg.
- Integrated air-balancing taps
- Multi-speed operation
- Automatic defrost
- External electrical box
- Lightweight
- ENERGY STAR® listed



ATMO 200E is designed for high static pressure applications that demand high efficiency. The product is equipped with an automatic defrost mechanism that is activated when outdoor air temperature drops to 14F (-10C) or lower. During the defrost cycle, the supply air fan shuts down while the exhaust air fan switches into high speed to maximize the effectiveness of defrost.

The appliance features an efficient crossflow energy exchanger with SRE up to 75%, standard MERV3 filters, and a hanging chain kit, easy connect ports, integrated air balancing taps and duct ports with plastic collar shrouds for simple and quick installation. Comes with a limited warranty (5 years on the exchanger, 7 years on motors and 5 years on parts).

ATMO 200E has been tested in accordance with Home Ventilating Institute (HVI) Certification Program to ensure it meets HVI ratings for airflow and energy. ENERGY STAR® listed.

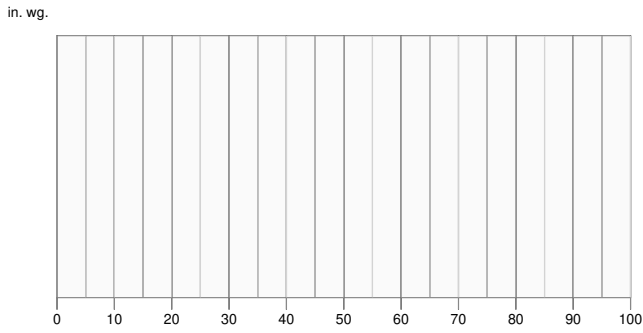
Note: If you are using the appliance for a simplified installation, i.e. connecting appliance's supply air duct to a furnace's return air duct, the appliance must operate continuously. In case it is turned off, the furnace will continue to draw in outdoor air directly into itself without re-heating or re-cooling. If the appliance is installed such that the homeowner may turn it off during the cold or hot seasons, we recommend installing a motorized damper ADC6 between the appliance's supply air and the furnace's return air duct that closes when the appliance is not operating.

Technical parameters

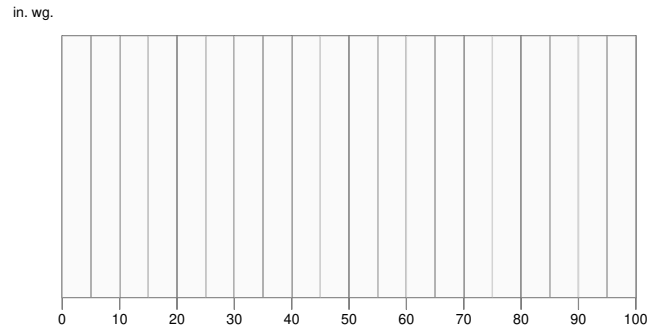
Product		
Voltage (nominal)	120	V
Phase(s)	1~	
Input power	168	W
Input current	1.4	A
Air flow	200	cfm
Air flow	max 200	cfm
Static pressure	0.4	in.wg
Certificate	CSA, HVI	
Exchanger		
Exchanger type	Cross flow	
Dimensions and weights		
Weight	57.3	lb
Used for		
Installation placement	Vertical	

Performance

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	-	-

Performances

	Supply temperature	Net airflow	Consumed Power	Sensible	Net effectiveness		
					Total Recovery	Apparent Sensible	Latent recovery / moisture transfer
Heating	°F (°C)	cfm (L/s)	W	%	%	%	%
	32 (0)	67 (32)	52	75		84	72
	32 (0)	86 (40)	58	73		81	70
	32 (0)	107 (51)	72	71		78	67
	-13 (-25)	66 (31)	45	60		81	59
Cooling	95 (35)	64 (30)	48		65	80	72

Dimensions

Model	A	B	C	D	Duct Size
ATMO 150H	23 7/8 (606)	29 1/2 (750)	11 11/16 (297)	21 7/16 (546)	6 (152)
ATMO 200H	23 7/8 (606)	29 1/2 (750)	16 5/8 (423)	21 7/16 (546)	6 (152)
ATMO 150E	23 7/8 (606)	29 1/2 (750)	11 11/16 (297)	21 7/16 (546)	6 (152)
ATMO 200E	23 7/8 (606)	29 1/2 (750)	16 5/8 (423)	21 7/16 (546)	6 (152)

Dimensions in inches (mm)

Accessories

- Contractor Commissioning Kit (463311)
- ECO-Touch® Auto IAQ (414727)
- COM6P Supply and Exhaust Hoods (40222)
- ADC 6 Shut-off Damper w Motor (44967)
- Filter,MERV13,HERO150,Repl.kit (428548)
- MGE 4 Metal Exhaust Grill (411106)
- ECO-Feel® Auto IAQ Control (414729)
- RTS-W Wireless Timer (414920)
- FIDT 6 Insulated Flex Duct (411064)
- Filter,HEPA,HERO150H,Repl.kit (428551)
- Filter,MERV8,HERO150H,Repl.kit (428526)
- MGS 4 Metal Supply Grill (411368)

Documents

- 463913 ATMO IOM EN FR.pdf
- 463955 ATMO 200E Spec Sheet.pdf