

MODEL TRe200

(Energy Recovery Ventilators (ERV) - EC Motor Standard)



Specifications

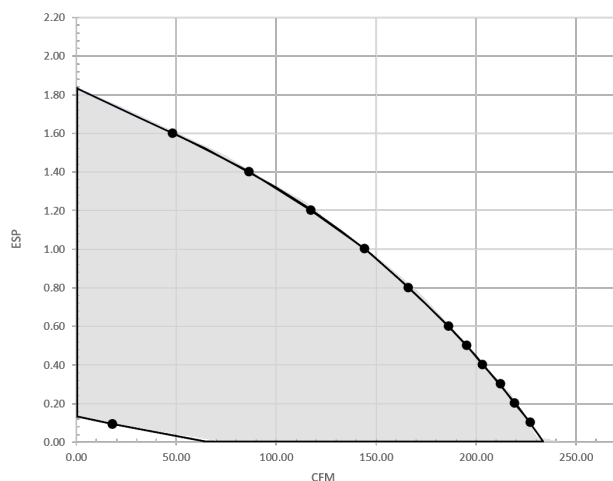
Ventilation Type: Static Plate, Heat and Humidity Transfer
Typical Airflow Range: 30-225 CFM
Unit is HVI Tested/Certified per CSA C439
Protocol: Using one L-50-G5 Core
Standard Features: <ul style="list-style-type: none"> • White painted cabinet • Line-cord power supply • Low-voltage circuit for controls • Unit may be mounted in any orientation • Cross-core differential pressure ports • Dial-A-Flow - balance and airflow adjustment • Variable speed • Continuous mode (low speed) Boost mode (high speed)
Controls: Onboard digital controller with independent variable speeds
Filters: QTY 2: MERV 8, spun-polyester media: 10 1/2" X 10 1/2" X 1"
Unit Dimensions & Weight: 23 3/4" L X 18" W X 13 1/2" H 36 lbs.
Max. Shipping Dimensions & Weight (in carton): 32" L x 22" W x 18" H 48 lbs.
Motor(s): Qty. 2, 115 VAC EC motorized impeller

EC Operating Range

Airflow (CFM)	External Static Pressure (inches w.g.)	Unit Power Consumption
Max Speed		
233	0.1	179
225	0.2	176
216	0.3	177
210	0.4	174
201	0.5	173
193	0.6	172
184	0.7	170
176	0.8	168
163	0.9	166
150	1.0	162
117	1.2	148
86	1.4	134
48	1.6	112
Min. Speed		
18	0.1	16

*Airflow performance includes effect of clean standard filter

*Watts is for the entire unit



Core Performance

Airflow(CFM)	Sensible EFF %	Total EFF% Winter/Summer*
Max Speed		
233	58	49/26
225	59	50/27
216	60	51/28
210	61	52/30
201	62	53/32
193	63	54/34
184	64	56/36
176	66	57/38
163	67	59/40
150	69	61/42
117	73	67/49
86	77	72/56
48	82	78/63
Min. Speed		
18	86	84/71

*These are core only ratings and are not HVI certified.

HVI ratings apply to complete units only.

Electrical Data

Watts	Volts	HZ	Phase	FLA per motor	Min. Cir. Amps	Max Overcurrent Protection
85	120	60	1	1.22	10	10

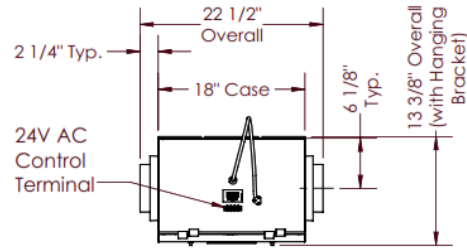
All specifications are subject to change without notice unless approved in submittal by S&P.

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TOP VIEW

ABBREVIATIONS

EA: Exhaust Air to outside
 OA: Outside Air intake
 RA: Room Air to be exhausted
 FA: Fresh Air to inside

INSTALLATION ORIENTATION

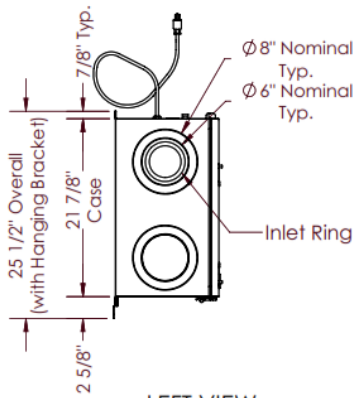
Unit may be installed in any orientation.

NOTE

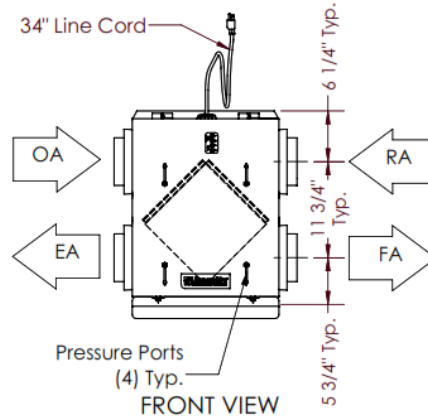
1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE ROUNDED TO THE NEAREST EIGHTH OF AN INCH.

2. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.

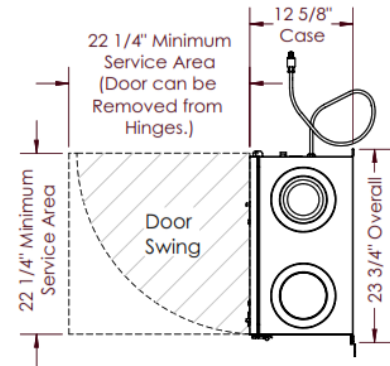
RA/EA airstream can be switched with the OA/FA airstream.



LEFT VIEW



FRONT VIEW



RIGHT VIEW