

EV 300

Energy Recovery Ventilator Standard



INDOOR UNIT



Download specification at:
renewaire.com/specifications

SPECIFICATIONS

Ventilation Type:
Static plate, heat and humidity transfer

Typical Airflow Range: 150-300 CFM

Standard Features:
Painted cabinet
Line-cord power supply
Low-voltage circuit for controls
Unit may be mounted in any orientation

Controls:
Onboard 24 VAC transformer/relay package with switched dry contacts

Filters:
Total qty. 2, MERV 8, spun-polyester media:
10 1/2" x 21 3/4" x 1"

Unit Dimensions & Weight:
33 3/4" L x 24" W x 20" H
72 lbs.

Max. Shipping Dimensions & Weight (on pallet):
34" L x 44" W x 34" H
115 lbs.

Motor(s):
Qty. 1, Double-shaft standard motor

Accessories:
Backdraft damper 8"
Wall cap 8" - taupe plastic, galvanized, paintable galvanized
Louver with 8" round duct connection - 12" (W) x 8" (H)
Percentage timer control (PTL)
Push-button point-of-use controls (PBL), PTL req'd.
Percentage timer control with furnace interlock (FM)
Electric duct heater - EK series (1-60 kW), for commercial use only

Note: Indirect Gas-Fired Duct Furnace is not available on the EV300.

ELECTRICAL DATA

HP	Volts	HZ	Phase	Input Watts	FLA
0.2	120	60	Single	315 @ 297 CFM	3.3

UNIT PERFORMANCE

Airflow CFM	ESP in H ₂ O
170	1.0
191	0.9
215	0.8
256	0.7
277	0.6
295	0.5
311	0.4

CORE PERFORMANCE

Temp EFF%	Total EFF% Winter/Summer*
78	73/59
77	71/57
75	69/55
73	66/51
71	65/49
70	63/47
69	62/46

* See HVI certification ratings on page 148 of RenewAire's Full Line Volume XVII Catalog.

UNIT DIMENSIONS



AIRFLOW CONFIGURATION

Available as shown in dimension drawing.



UNIT MOUNTING & APPLICATION

Can be mounted in any orientation. RA/EA airstream can be switched with OA/FA airstream.

ABBREVIATIONS

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

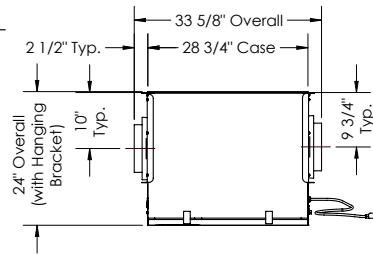
INSTALLATION ORIENTATION

Unit may be installed in any orientation.

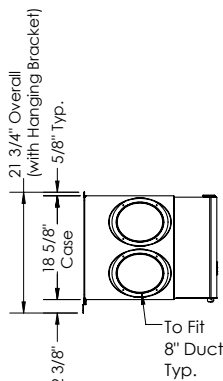
NOTE

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

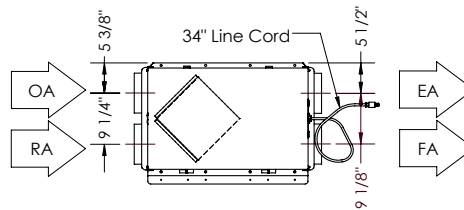
2. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.



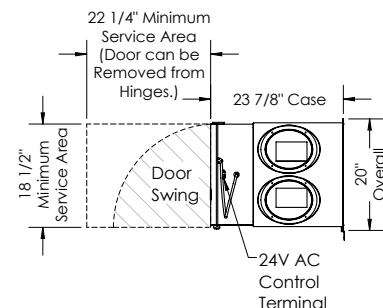
TOP VIEW



LEFT VIEW



FRONT VIEW



RIGHT VIEW

Specifications may be subject to change without notice.