

# EV 300

## Energy Recovery Ventilator Standard



### INDOOR UNIT



Download specification at:  
[renewaire.com/specifications](http://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 galvalume  
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 <sub>2</sub> 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 164 of RenewAire's Full Line Volume XVIII 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

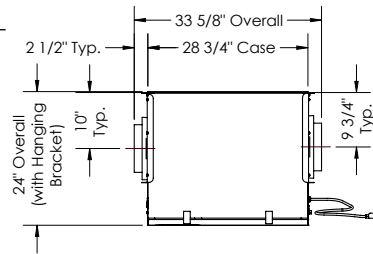
#### INSTALLATION ORIENTATION

Unit may be installed in any orientation.

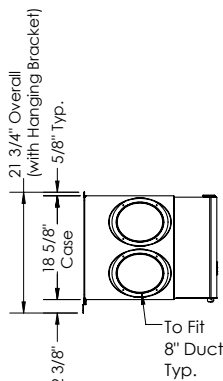
#### NOTE

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

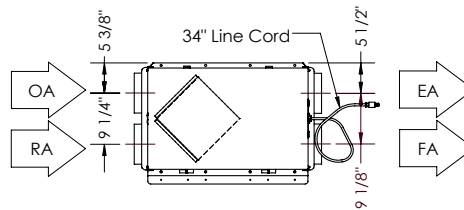
2. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.



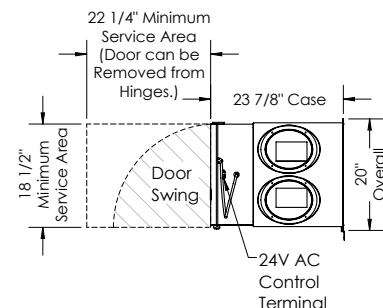
TOP VIEW



LEFT VIEW



FRONT VIEW



RIGHT VIEW

Specifications may be subject to change without notice.

