

# EV 130

## 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:** 50-140 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 10 1/2" x 1"

#### Unit Dimensions & Weight:

33 1/2" L x 13 1/4" W x 20" H  
48 lbs.

#### Max. Shipping Dimensions & Weight (in carton):

32" L x 22" W x 18" H  
60 lbs.

#### Motor(s):

Qty. 1, Double-shaft standard motor

#### Accessories:

Backdraft damper 6"  
Wall cap 6" - white, brown  
Percentage timer control (PTL)  
Push-button point-of-use controls (PBL), PTL req'd.  
Percentage timer control with  
furnace interlock (FM)

**Note:** Electric Duct Heater and Indirect Gas-Fired Duct Furnace are not available on the EV130.

### ELECTRICAL DATA

HP	Volts	HZ	Phase	Input Watts	FLA
0.1	120	60	Single	102 @ 130 CFM	1.3

### UNIT PERFORMANCE

Airflow CFM	ESP in H <sub>2</sub> O	Temp EFF%	Total EFF% Winter/Summer*
79	0.60	78	73/60
104	0.50	75	69/55
126	0.40	72	66/50
137	0.30	71	64/48
153	0.20	68	61/45
165	0.10	67	59/43

\* See HVI certification ratings on page 164 of RenewAire's Full Line Volume XVIII Catalog.

### UNIT DIMENSIONS



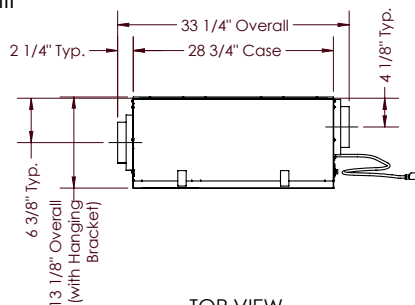
#### AIRFLOW CONFIGURATION

Available as shown in dimension drawing.

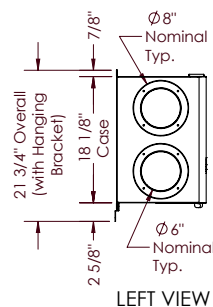


#### UNIT MOUNTING & APPLICATION

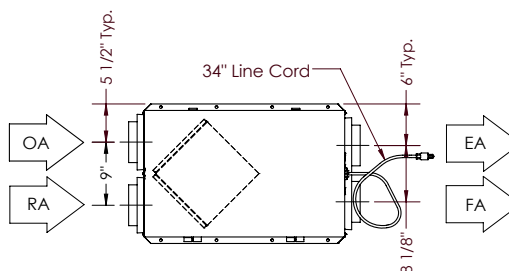
Can be mounted in any orientation. RA/OA airstream  
can be switched with OA/FA airstream.



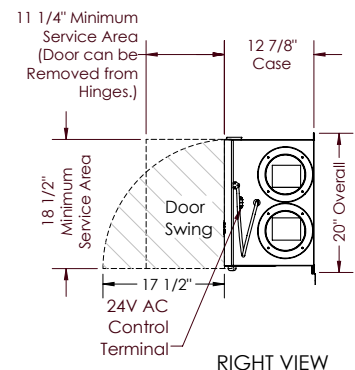
TOP VIEW



LEFT VIEW



FRONT VIEW



RIGHT 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.