

INDOOR UNIT



Download specification at: renewaire.com/specifications

ELECTRICAL DATA

HP	Volts	HZ	Phase	Input Watts	FLA
0.03	120	60	Single	46 @ 90 CFM	0.35

Energy Recovery Ventilator

Standard





SPECIFICATIONS

Ventilation Type:

Static plate, heat and humidity transfer

Typical Airflow Range: 40-110 CFM

Standard Features:

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

Control:

Onboard 24 VAC transformer/relay package with switched dry contacts

Total qty. 2, MERV 8, spun-polyester media: 9 5/8" x 10 1/2" x 1"

Unit Dimensions & Weight:

22 1/2" L x 11 3/4" W x 23 3/4" H

Max. Shipping Dimensions & Weight (in carton): 29" L x 22" W x 15" H

40 lbs.

Motor(s):

Qty. 2, Standard motorized impeller blowers

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 EV90.

UNIT PERFORMANCE | CORE PERFORMANCE

Airflow CFM	ESP in H ₂ 0	Temp EFF%	Total EFF% Winter/Summer*
40	0.60	84	74/56
58	0.50	80	69/50
73	0.40	77	65/46
85	0.30	74	62/43
98	0.20	71	59/39
113	0.10	68	56/34

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

UNIT DIMENSIONS



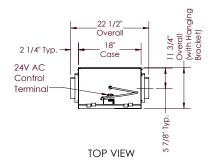
AIRFLOW CONFIGURATION

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.

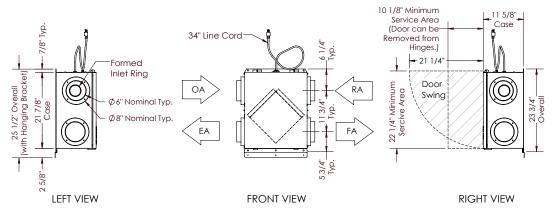


ABBREVIATIONS
EA: Exhaust Air to outside
OA: Outside Air intake
RA: Room Air to be exhausted
FA: Fresh Air to inside

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.



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