

EV 300

INDOOR UNIT

Energy Recovery Ventilator Standard



EV & GR-SERIES



Download specification at:
renewaire.com/specifications

SPECIFICATIONS

Ventilation Type:
Static plate, heat and humidity transfer

Typical Airflow Range: 150-300 CFM

Unit is HVI Tested/Certified per CSA C439 Protocol: Using one L-100-G5 Core

Standard Features:
White painted cabinet
Line-cord power supply
Low-voltage circuit for controls
Unit may be mounted in any orientation
Cross-core differential pressure ports

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"
Automatic balancing damper 4", 5", 6"
Louvered wall vent 8" - taupe vinyl, galvanized, paintable galvalume
Louvered wall vent with 8" round duct connection - 12" W x 8" H
Digital time clock - wall mount (TC7D-W), in exterior enclosure (TC7D-E)
Carbon dioxide sensor/control - wall mount (CO2-W), duct mount (CO2-D)
IAQ sensor - wall mount (IAQ-W), duct mount (IAQ-D)
Motion occupancy sensor/control - ceiling mount (MC-C), wall mount (MC-W)
Percentage timer control (PTL)
Push-button point-of-use controls (PBL), PTL req'd.
Percentage timer control with furnace interlock (FM)
Dehumidistat control (DH24)
MERV 13 filter - OA airstream (shipped loose)
Electric duct heater - RH series (1-10 kW); designed for indoor ductwork installation 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
214	0.8
256	0.7
278	0.6
295	0.5
311	0.4

CORE PERFORMANCE

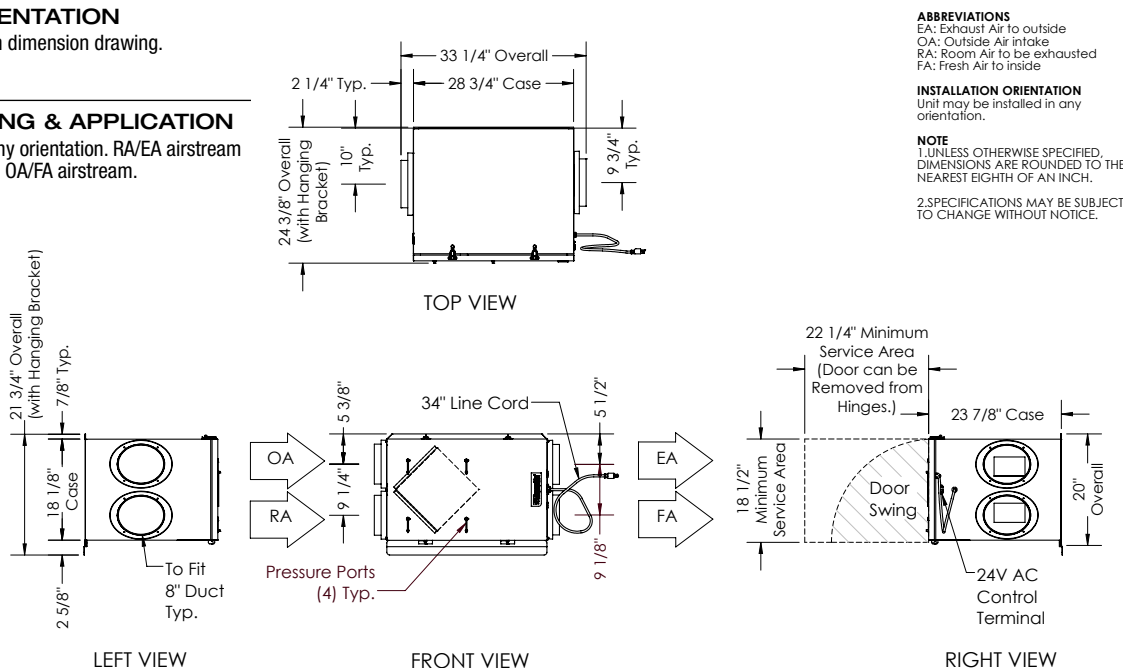
Airflow CFM	Temp EFF%	Total EFF% Winter/Summer*
170	78	73/59
191	77	71/57
214	75	69/55
256	73	66/51
278	71	65/49
295	70	63/47
311	69	62/46

Note: These are core-only ratings and are not HVI certified. HVI ratings apply to complete units only. See HVI certification ratings on pg. 31 of Single/Multi-Family Catalog.

UNIT DIMENSIONS

AIRFLOW ORIENTATION
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.



Specifications may be subject to change without notice.