

# EV 300

## INDOOR UNIT



**Note:** There are multiple control options designed to address individual climate conditions. Please consult your local installer for the best installation controls for your climate.

## ENERGY RECOVERY VENTILATOR



### 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 24VAC transformer/relay package

#### Filters:

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

**Unit Weight:** 72 lbs.

#### Max. Shipping Dimensions & Weight (on pallet):

34" L x 44" W x 34" H  
115 lbs.

**Units Per Pallet:** 4

#### Motor(s):

Qty. 1, Double-shaft standard motor

#### Accessories:

Backdraft damper: 8"  
Automatic balancing damper: 4", 5", 6"  
Motorized Dampers: 8"  
Louvered wall vent 8": taupe vinyl, galvanized, paintable galvanneal  
Louvered wall vent with 8" round duct connection: 12" W x 8" H  
Hooded wall vent 8": galvanized, paintable galvanneal  
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)  
MERV 13 filter: OA airstream (shipped loose)  
Electric duct heater: RH series (1–10 kW); designed for indoor ductwork installation only

### ELECTRICAL DATA

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

### UNIT PERFORMANCE

Airflow (CFM)	External Static Pressure (Inches Water Column)
170	1.00
191	0.90
214	0.80
256	0.70
278	0.60
295	0.50
311	0.40

### 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. Total EFF% calculated at 35/33wb OA and 70/58wb RA (winter) and 98/78wb OA and 75/63wb RA (summer). HVI ratings apply to complete units only. This unit is HVI certified. See HVI certified ratings on pg. 48 of Single/Multi-Family Catalog and at hvi.org.

### 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/SA airstream.

