

# EV 130

## 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.

## ELECTRICAL DATA

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

## ENERGY RECOVERY VENTILATOR

## SPECIFICATIONS

### Ventilation Type:

Static plate, heat and humidity transfer

**Typical Airflow Range:** 50–140 CFM

**Unit is HVI Tested/Certified per CSA C439**

**Protocol:** Using one L-50-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 10 1/2" x 1"

**Unit Weight:** 48 lbs.

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

32" L x 22" W x 18" H

60 lbs.

**Units Per Pallet:** 8

### Motor(s):

Qty. 1, Double-shaft standard motor

### Accessories:

Backdraft damper: 6", 8"  
Automatic balancing damper: 4", 5", 6"  
Motorized Dampers: 6", 8"  
Concentric Vent: 6" (CV6-110)  
Louvered wall vent 6": white, brown  
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 (1–5 kW);  
designed for indoor ductwork installation only

## UNIT PERFORMANCE

Airflow (CFM)	External Static Pressure (Inches Water Column)
78	0.60
104	0.50
125	0.40
136	0.30
153	0.20
163	0.10

## CORE PERFORMANCE

Airflow (CFM)	Temp EFF%	Total EFF% Winter/Summer
78	78	73/59
104	75	69/54
125	72	66/50
136	71	64/48
153	68	61/45
163	67	59/42

**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. 47 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.

### ABBREVIATIONS

EA: Exhaust Air to outside  
OA: Outside Air intake  
RA: Room Air to be exhausted  
SA: Supply 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.

