



ENERGY RECOVERY VENTILATOR

INDOOR UNIT
DUCT MOUNTED OR THRU-THE-WALL

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.

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
Built-in control
Unit may be mounted in any orientation
Cross-core differential pressure ports

Control:

Built-in proportional runtime control and switched terminals for furnace/AC interconnect

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"
Concentric Vent: 6" (CV6-110)
Louvered wall vent 6": white, brown
Exterior thru-the-wall installation kit
Duct collar kit (two collars)
MERV 13 filter: OA airstream (shipped loose)
Electric duct heater: RH series (1–5 kW);
designed for indoor ductwork installation only

ELECTRICAL DATA

HP	Volts	Hz	Phase	Watts	FLA
0.1	120	60	Single	121 @ 124 CFM	1.3

UNIT PERFORMANCE

Airflow (CFM)	External Static Pressure (Inches Water Column)
51	0.70
68	0.60
93	0.50
114	0.40
131	0.30
140	0.20
148	0.10

CORE PERFORMANCE

Airflow (CFM)	Temp EFF%	Total EFF% Winter/Summer
51	82	78/65
68	80	75/61
93	76	71/56
114	74	67/54
131	71	65/49
140	70	63/47
148	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. 46 of Single/Multi-Family Catalog and at hvi.org.

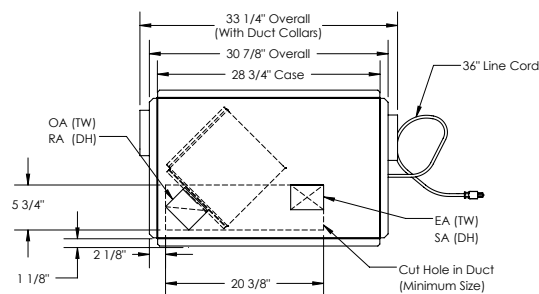
UNIT DIMENSIONS

**AIRFLOW ORIENTATION**

Available as shown in dimension drawing.

**UNIT MOUNTING & APPLICATION**

Can be mounted in any orientation. If duct-mounted, airstreams cannot be switched. If mounted with exterior Thru-the-wall installation kit, the RA/OA airstreams are switched with the OA/SA airstreams. If four ducts are connected using duct collar kit, airstreams may be switched.



TOP VIEW

ABBREVIATIONS

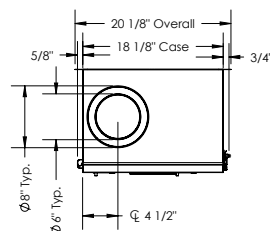
EA: Exhaust Air to outside
OA: Outside Air intake
RA: Room Air to be exhausted
SA: Supply Air to inside
TW: Thru Wall
DH: Duct Hung

INSTALLATION ORIENTATION

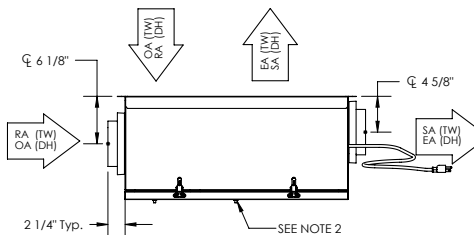
Unit may be installed in any orientation.

NOTE

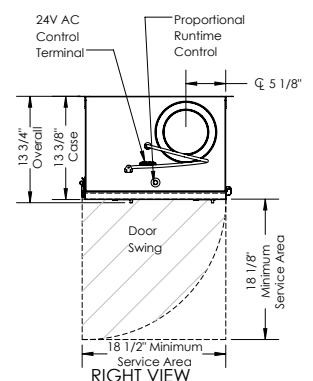
1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE ROUNDED TO THE NEAREST EIGHTH OF AN INCH.
2. PRESSURE PORTS FOR EACH AIR STREAM ARE LOCATED ON DOOR OF UNIT.
3. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.



LEFT VIEW



FRONT VIEW



RIGHT VIEW