

NEW! INDOOR UNIT



EG-110SB-H020-XEO

Note: There are multiple control options designed to address individual climate conditions.

SPECIFICATIONS

Ventilation Type: Static plate, heat and humidity transfer

Typical Airflow Range: 25–130 CFM

Unit is HVI Tested/Certified per CSA C439 Protocol:
Using one L-07-G5 Core

Standard Features:
Unpainted galvanized and ABS cabinet
Hard wired to junction box
Airflow setpoint: select minimum exhaust airflow (30, 40, or 50 CFM) or constant speed (25-130 CFM)
Single speed operation
Unit is on with power, control via any line-voltage switch or accessory

Controls:
Can use any switched line-voltage power supply (no low-voltage controls)

Filters:
Total qty. 2, MERV 7, spun-polyester media:
7 3/8" x 10 1/8" x 3/8"

Unit Weight: 17 lbs.

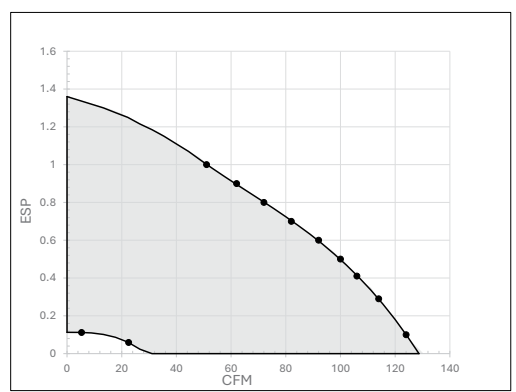
Max. Shipping Dimensions & Weight (in carton):
24.5" L x 18" W x 16.5" H
25 lbs.

Units Per Pallet: 16

Motor(s):
Qty. 2, 120V EC motorized impellers

Accessories:
Duct collar with backdraft damper (SA and/or EA)
Concentric Vent: 6" (CV6-110)
Louvered wall vent 6": white, brown
Louvered wall vent 8": taupe vinyl, galvanized, paintable galvanized
Louvered wall vent with 8" round duct connection: 12" W x 8" H
Hooded wall vent 8": galvanized, paintable galvanized
MERV 13 filter: OA airstream (shipped loose)
Electric duct heater: RH series (1–4 kW); designed for indoor ductwork installation only
Countdown timer control (SVCT): 120V AC
Percent timer control (SVPT): 120V AC

EC MOTORIZED IMPELLER OPERATING RANGE AND CORE PERFORMANCE



● = Actual tested sample points
| = Operating curves, airflow (CFM) held constant as static pressure varies

Factory settings
1. High speed set to top curve

Airflow (CFM) ¹	External Static Pressure (Inches Water Column)	Unit Power Consumption (Watts) ²	Sensible EFF% ³	Total EFF% Winter/Summer ³
Max Speed				
124	0.10	94	39	32/20
119	0.20	94	41	34/22
114	0.30	95	42	36/23
106	0.40	95	45	38/26
100	0.50	94	47	40/28
92	0.60	93	49	43/30
82	0.70	94	52	46/33
72	0.80	93	55	49/36
62	0.90	92	58	53/40
51	1.00	89	62	56/43
Min Speed				
23	0.10	16	70	66/51
5	0.05	6	76	71/57

Notes:
1. Airflow performance includes effect of clean, standard filter supplied with unit.
2. Unit power consumption (watts) is for the entire unit. Watts for airflow performance are not HVI certified.
3. Ratings shown are core-only and are not HVI certified. Total EFF% calculated at 35/33wb OA and 70/58wb RA (winter) and 95/78wb OA and 75/63wb RA (summer). **This unit is HVI certified, for complete unit HVI ratings refer to HVI's certified product directory.**

ELECTRICAL DATA*

Watts	Volts	Hz	Phase	FLA per motor	Minimum Circuit Amps	Max Overcurrent Protection Device
53	120	60	1	0.85	15	15

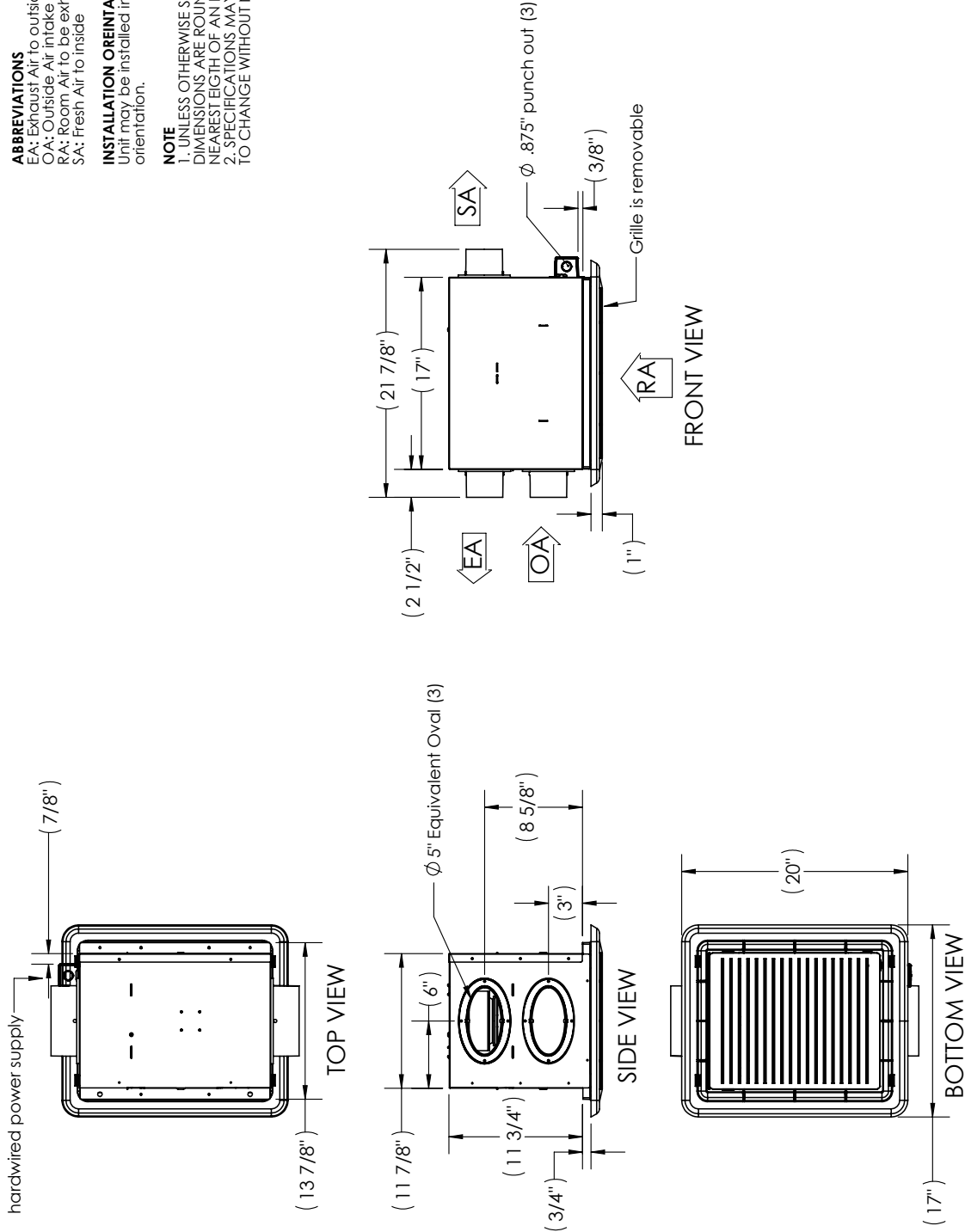
* Refer to CORES for specific operating point electrical data.

EVERGREEN™ SH ENERGY RECOVERY VENTILATOR EC MOTORIZED IMPELLERS

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



AIRFLOW ORIENTATION
 Available as shown in dimension drawing.



UNIT MOUNTING & APPLICATION
 Can be mounted in any orientation. RA/EA airstream cannot be switched with OA/SA airstream.