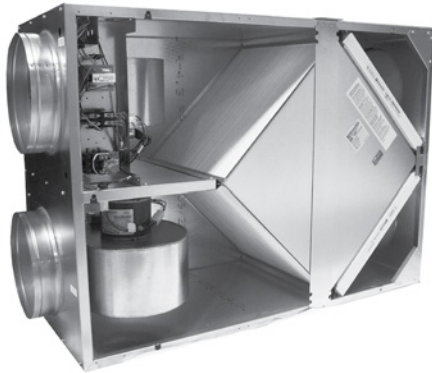


HE 1XINH

Energy Recovery Ventilator Standard



INDOOR UNIT



Energy Recovery Core is AHRI Certified®



SPECIFICATIONS

Ventilation Type:

Static plate, heat and humidity transfer

Typical Airflow Range: 250-925 CFM

AHRI 1060 Certified Core: One L125-G5

Standard Features:

- Non-fused disconnect
- 24 VAC transformer/relay package
- Cross-core differential pressure ports

Filters:

Total qty. 2, MERV 8: 20" x 20" x 2"

Unit Weight:

204-275 lbs., varies by option(s)

Max. Shipping Dimensions & Weight (on pallet):

63" L x 30" W x 56" H
325 lbs.

Accessories box shipped loose on top of unit.

Motor(s):

Qty. 2, 0.75 HP ea., Direct drive blower/standard motor packages

Options:

- Qty. 2, Variable Speed/ECM - Direct Drive Motors (see HE1XINH EC Motor submittal) - 0.5 HP, 120V/1Ph/60HZ, 0.5 HP, 208-230V/1Ph/60HZ
- Independent blower control

- Fused disconnect
- Integrated programmable controls - enhanced, premium

- Bypass economizer damper (see bypass DIM drawing) - dry-bulb temperature controls (standard), enthalpy controls (option)

- Low-leakage motorized isolation dampers - OA, RA or both airstreams

- Qty. 2, Factory mounted filter alarms - both airstreams

Double wall construction

Exterior paint - white, custom colors

Accessories:

- Filters - MERV 13, 2" (shipped loose)
- Backdraft damper - 12"
- Automatic balancing damper - 4", 5", 6"
- Motorized isolation damper - both airstreams
- Hooded wall vent 12" - galvanized, paintable galvalneal
- Solid state speed control kit - 115V, 208-230V (1 required per motor)
- 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)
- Smoke Detector - duct mount (SD-D)
- Electric duct heater - RH series (1-11.5 kW); EK series (1-175 kW); designed for indoor ductwork installation only
- Indirect gas-fired duct furnace - GH series (50-400 MBH), installed downstream of any fans

AIRFLOW PERFORMANCE

Motor HP Phase	External Static Pressure (Inches Water Column)						
	0.0	0.25	0.5	0.75	0.9	1.25	1.5
0.75 Single Phase	970 CFM 1,490 Watts	925 CFM 1,375 Watts	860 CFM 1,270 Watts	795 CFM 1,160 Watts	750 CFM 1,090 Watts	635 CFM 950 Watts	480 CFM 825 Watts
0.75 Three Phase	970 CFM 1,246 Watts	925 CFM 1,158 Watts	860 CFM 1,039 Watts	795 CFM 928 Watts	750 CFM 856 Watts	635 CFM 691 Watts	480 CFM 509 Watts

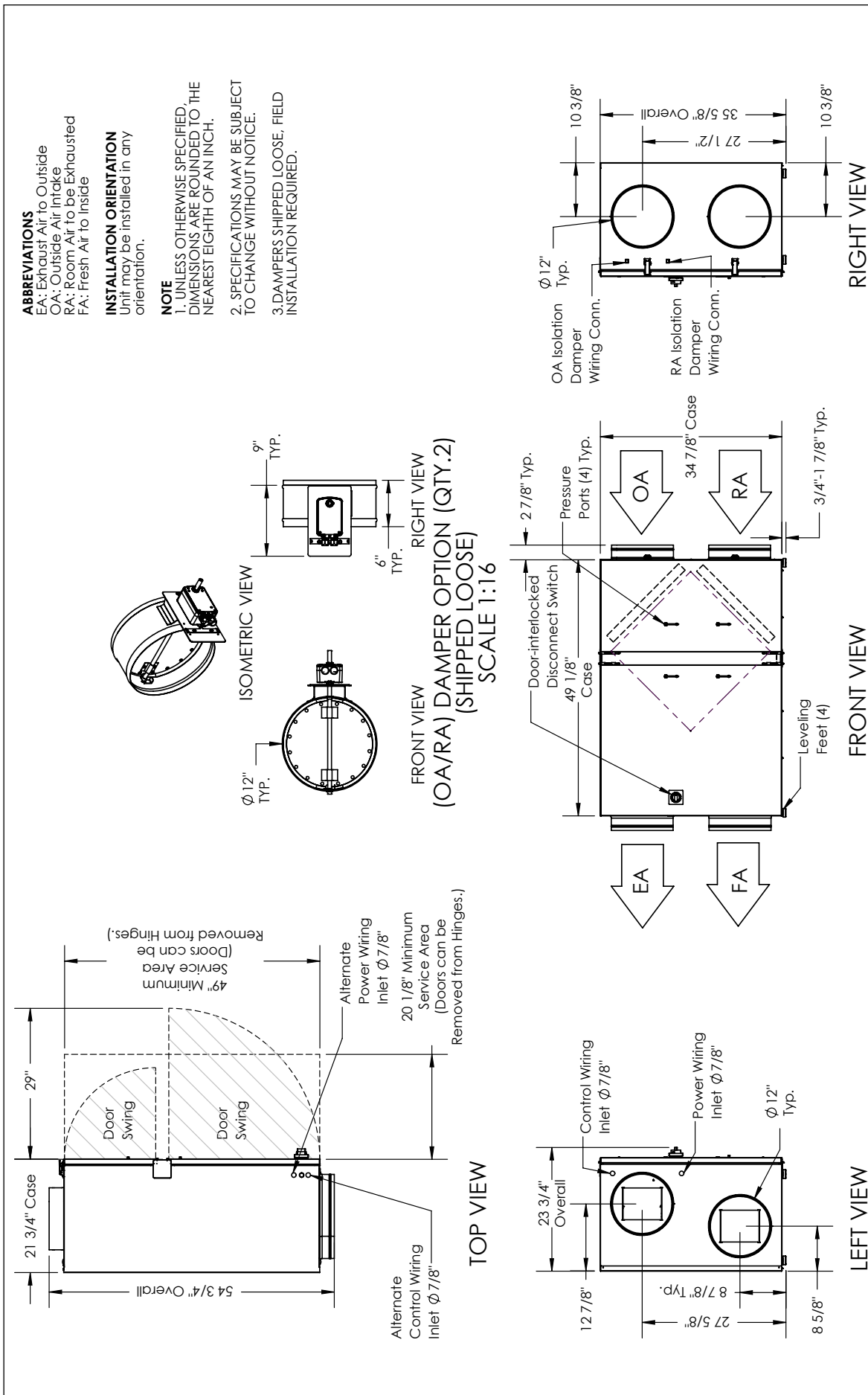
Note: Watts is for the entire unit (two motors).

Note: Airflow performance includes effect of clean, standard filter supplied with unit.

ELECTRICAL DATA

HP	Volts	HZ	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
0.75	120	60	Single	9.0	20.3	25
0.75	208-230	60	Single	4.5	10.1	15
0.75	277	60	Single	3.9	8.8	15
0.75	208-230	60	Three	1.7-2.3	5.2	15
0.75	460	60	Three	1.15	2.6	15

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UNIT MOUNTING & APPLICATION
 Can be mounted in any orientation. RA/EA airstream can be switched with OA/FA airstream unless certain options are selected.



AIRFLOW CONFIGURATION
 Available as shown in dimension drawing.

