



INDOOR UNIT

ENERGY RECOVERY VENTILATOR

EC MOTORIZED IMPELLER



Energy recovery core is AHRI Certified®



SPECIFICATIONS

Ventilation Type:

Static plate, heat, and humidity transfer

Airflow Range: 120–375 CFM**AHRI 1060 Certified Core:**

One L62-G5

Standard Features:

Non-fused disconnect
24VAC transformer/relay package
Cross-core differential pressure ports
Independent blower control
OA/SA and RA/EA swappable airflows

Filters:

Total Qty. 2, MERV 10: 10" x 20" x 2"

Unit Weight:

94 lbs.

Max. Shipping Dimensions & Weight (in carton):

41" L x 41" W x 13" H
108 lbs.

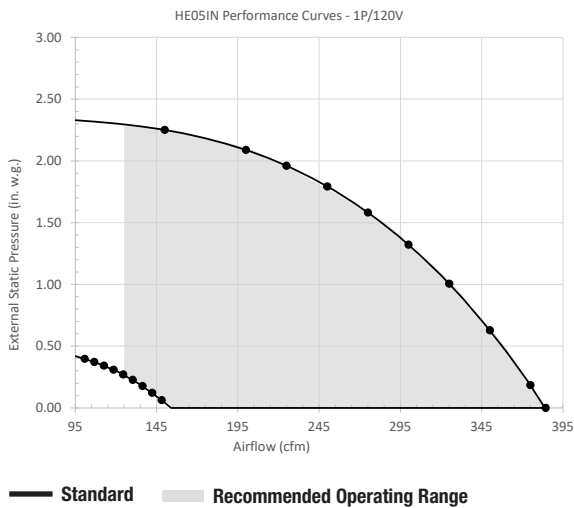
Motor(s):

Qty. 2, 220W ea., Direct drive EC motorized
impeller packages (120V/1Ph/60Hz)

Accessories:

Filters: MERV 13, 2" (shipped loose)
Backdraft damper: 10", 12"
Automatic balancing damper: 4", 5", 6"
Motorized Dampers: 8"
Louvered wall vent 8": taupe vinyl, galvanized,
paintable galvanneal
Louver with 8" round duct connection:
12" W x 8" H
Hooded wall vent 8": galvanized, paintable galvanneal
Potentiometer speed control: remote installed
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)
BACnet fan control: wall mount (BACNETFC-W)
Indoor electric duct heater: RH series (1–11.5 kW),
EK series (1–175 kW);
Hanging bracket kit
Hanging spring vibration isolation kit

EC MOTORIZED IMPELLER OPERATING RANGE AND FAN PERFORMANCE



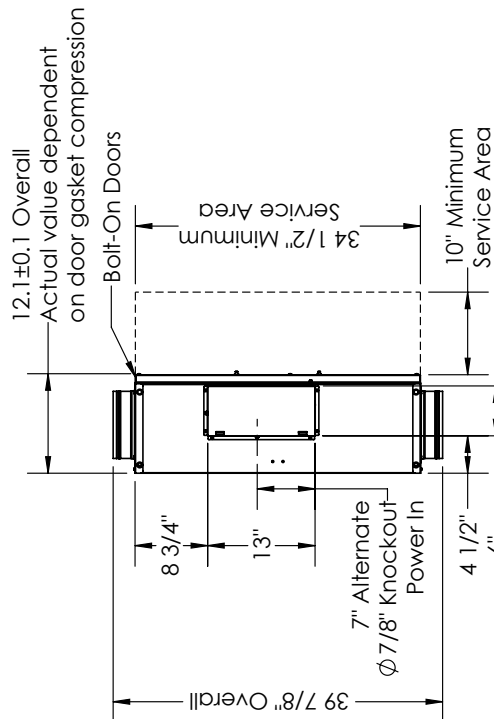
HE05IN MOTOR 1P/120V		
Airflow (CFM)	External Static Pressure (Inches Water Column)	Unit Power Consumption (Watts)
95	2.33	225
120	2.30	245
150	2.25	268
200	2.09	303
225	1.96	317
250	1.79	329
275	1.58	337
300	1.32	342
325	1.01	343
350	0.63	339
375	0.19	330
384	0.00	325

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

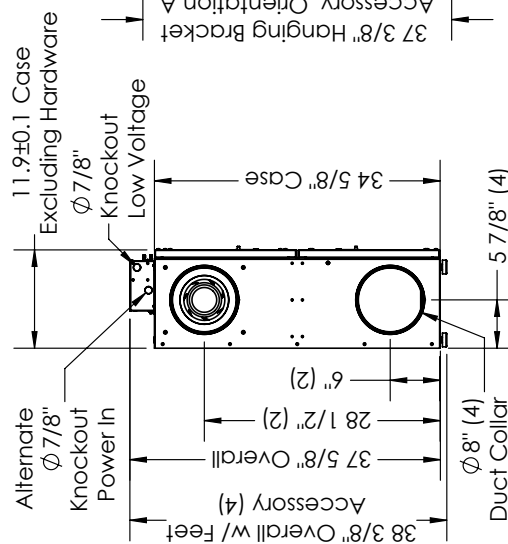
ELECTRICAL DATA

Watts	Volts	Hz	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
220	120	60	Single	2.7	6.1	15

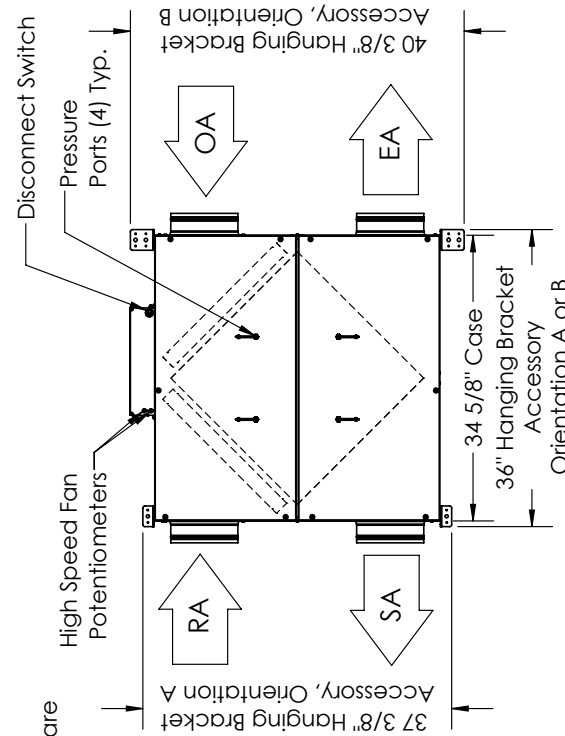
HE05IN ENERGY RECOVERY VENTILATOR EC MOTORIZED IMPELLER



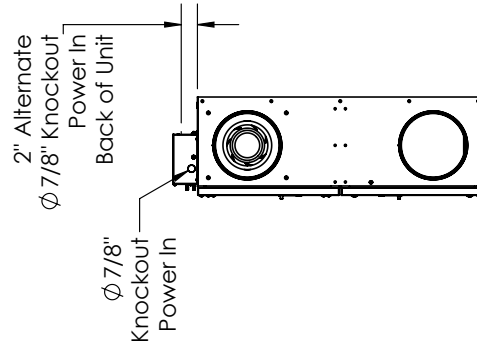
TOP VIEW



LEFT VIEW



FRONT VIEW



RIGHT VIEW

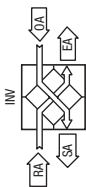
ABBREVIATIONS
EA: Exhaust Air To Outside
OA: Outside Air Intake
RA: Room Air to be Exhausted
SA: Supply Air to Inside

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.

AIRFLOW ORIENTATION

Available as shown:



UNIT MOUNTING & APPLICATION

Can be mounted in any orientation. RA/EA airstream can be switched with OA/SA airstream.