

HE 1XRT

ROOFTOP UNIT



Energy Recovery Core is AHRI Certified®



Energy Recovery Ventilator EC Motor Option



SPECIFICATIONS

Ventilation Type:

Static plate, heat and humidity transfer

Typical Airflow Range: 250-1,100 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:

246-366 lbs., varies by option(s)

Max. Shipping Dimensions & Weight (on pallet):

96" L x 47" W x 50" H
458 lbs.

Motor(s):

Qty. 2, 0.5 HP ea., Direct drive EC blower/motor packages

Options:

Fused disconnect
Integrated programmable controls - enhanced, premium
Class 1 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"
Potentiometer speed control - remote installed
Roof curb - standard 14"
Curb wind clip
Engineered combo curb for Trane RTU
Engineered combo curb for Carrier RTU
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 - 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

EC MOTOR OPTION OPERATING RANGE

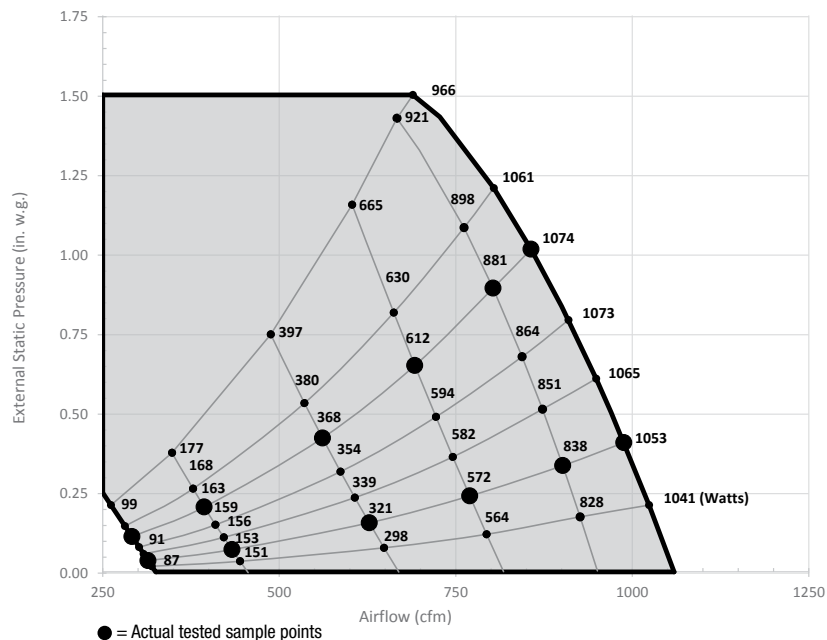
HE1XRT EC MOTOR		
Sample Points Depicted in Larger Dots		
Airflow (CFM)	External Static Pressure (Inches Water Column)	Unit Power Consumption (Watts)
314	0.04	88
433	0.07	153
627	0.15	321
770	0.24	572
901	0.33	838
988	0.41	1053
291	0.11	93
394	0.20	163
561	0.42	368
692	0.65	612
803	0.89	881
857	1.01	1074

Note: Watts is for the entire unit.

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
0.5	120	60	Single	8.1	18.2	25
0.5	208-230	60	Single	4.8	10.8	15



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