

HE1XRT

Energy Recovery Ventilator EC Motor Option



ROOFTOP UNIT



Download specification at:
renewaire.com/specifications

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

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

Unit Dimensions & Weight:
81" L x 40 1/4" W x 42 1/4" H
246-333 lbs., varies by option(s)

Max. Shipping Dimensions & Weight (on pallet):
96" L x 47" W x 50" H
425 lbs.

Motor(s):
Qty. 2, 0.5 HP ea., Direct drive EC blower/motor packages

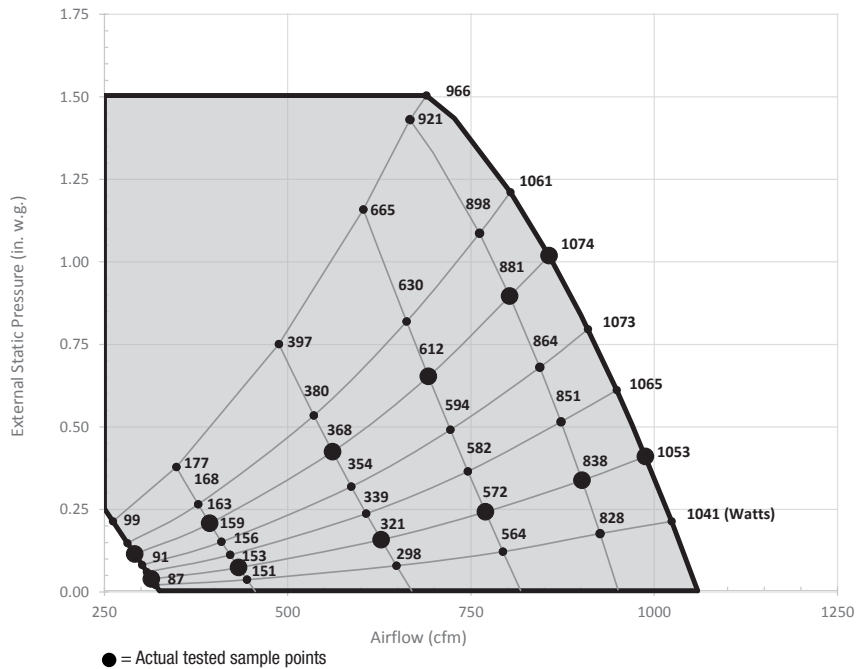
Options:
Integrated programmable controls
Fused disconnect
Double wall construction
Motorized isolation dampers - OA, EA or both airstreams
Qty. 2, Factory mounted filter alarms
Exterior paint - white, custom colors

Accessories:
Filters - MERV 13, 2" (shipped loose)
Backdraft damper 12"
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)
Motion occupancy control - ceiling mount (MC-C), wall mount (MC-W)
Carbon dioxide control - wall mount (CO2-W), duct mount (CO2-D)
Electric duct heater - EK series (1-60 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

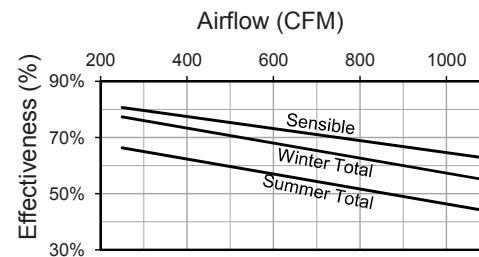
Note: Watts is for the entire unit.
Note: Airflow performance includes effect of clean, standard filter supplied with unit.



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

CORE PERFORMANCE



At AHRI 1060 standard conditions. See all AHRI certified ratings at www.ahrinet.org.

Specifications may be subject to change without notice.



