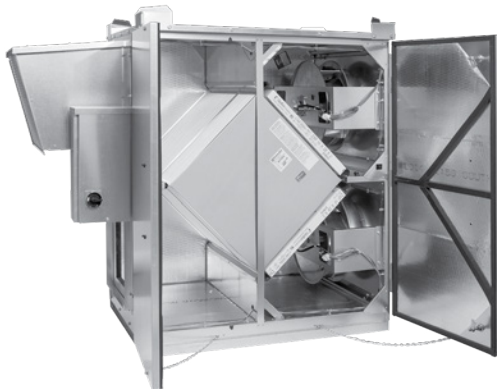


# HE 1.5XRT

## Energy Recovery Ventilator EC Motor Option



### ROOFTOP UNIT



Energy Recovery Core is AHRI Certified®



### SPECIFICATIONS

**Ventilation Type:**

Static plate, heat and humidity transfer

**Typical Airflow Range:** 375-1,525 CFM

**AHRI 1060 Certified Core:**

One L62-G5 and one L125-G5

**Standard Features:**

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

**Filters:**

Total qty. 4, MERV 8: (2) 14" x 20" x 2" and  
(2) 16" x 20" x 2"

**Unit Weight:**

386-548 lbs., varies by option(s)

**Max. Shipping Dimensions & Weight (on pallet):**

70" L x 47" W x 83" H  
615 lbs.

**Motor(s):**

Qty. 2, 1.0 HP ea., Direct drive EC motorized  
impeller packages

**Options:**

Fused disconnect  
Integrated programmable controls - enhanced, premium  
Class 1 low leakage motorized isolation dampers - FA, EA or both airstreams  
Gravity backdraft dampers  
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 - OA or EA  
Automatic balancing damper - 4", 5", 6"  
Potentiometer speed control - remote installed  
Roof curb - standard 14"  
Curb wind clip  
Engineered combo curb for Carrier RTU  
Engineered combo curb for Trane 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

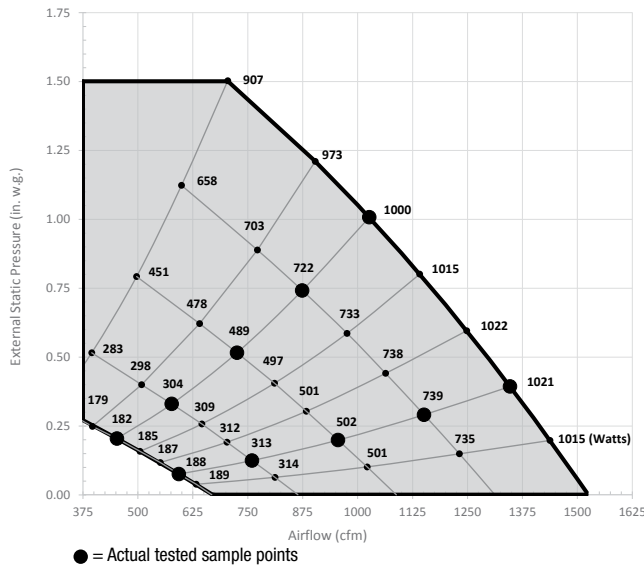
HE1.5XRT EC MOTOR		
Sample Points Depicted in Larger Dots		
Airflow (CFM)	External Static Pressure (Inches Water Column)	Unit Power Consumption (Watts)
593	0.07	188
760	0.12	313
955	0.20	502
1151	0.29	739
1347	0.39	1021
453	0.20	182
577	0.33	304
725	0.51	489
874	0.74	722
1026	1.01	1000

**Note:** Watts is for the entire unit.

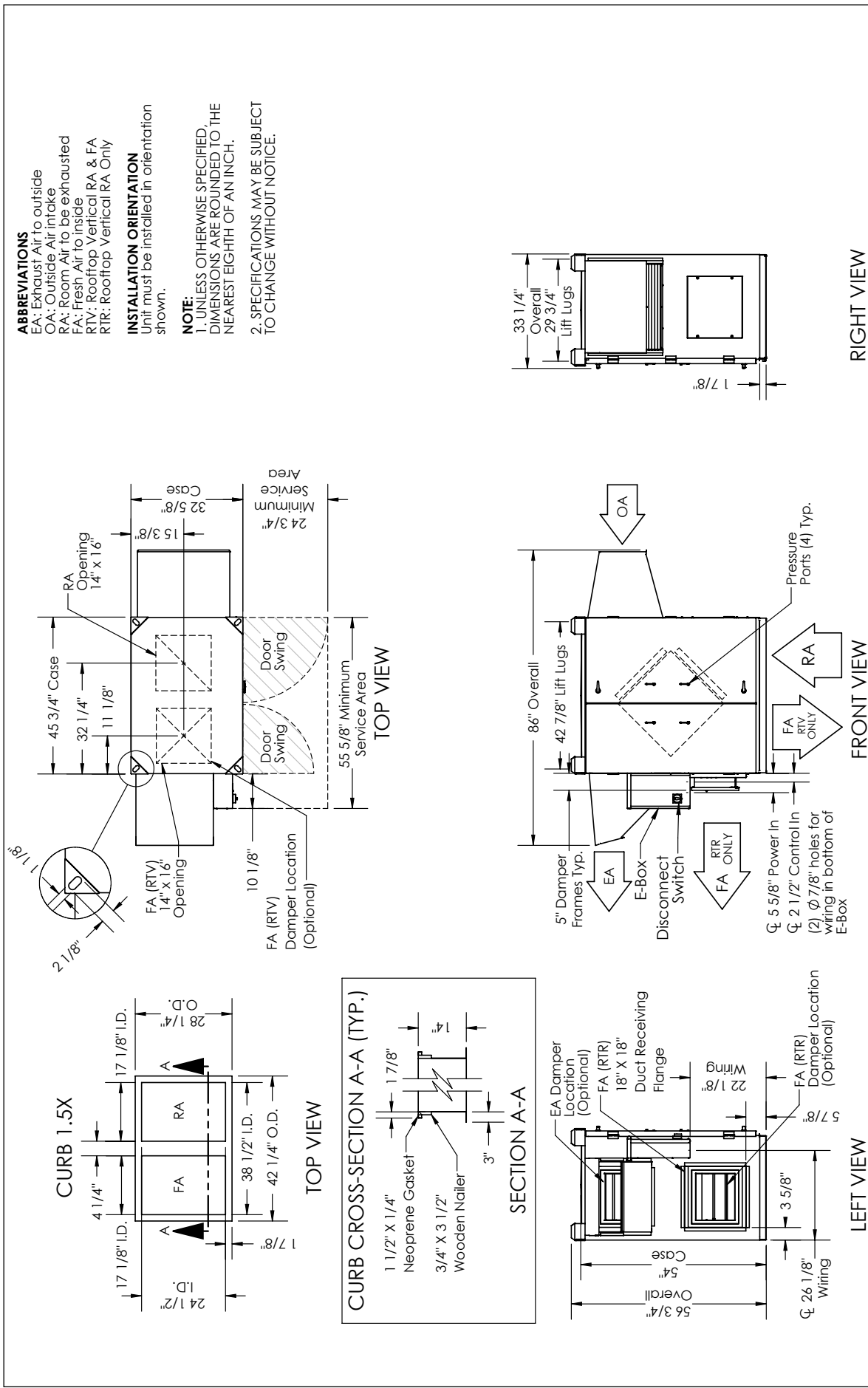
**Note:** Airflow performance includes effect of clean, standard filter supplied with unit.

### ELECTRICAL DATA

HP	Volts	HZ	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
1.0	120	60	Single	8.0	18.0	20
1.0	208-230	60	Single	4.4	9.9	15
1.0	277	60	Single	4.4	9.9	15



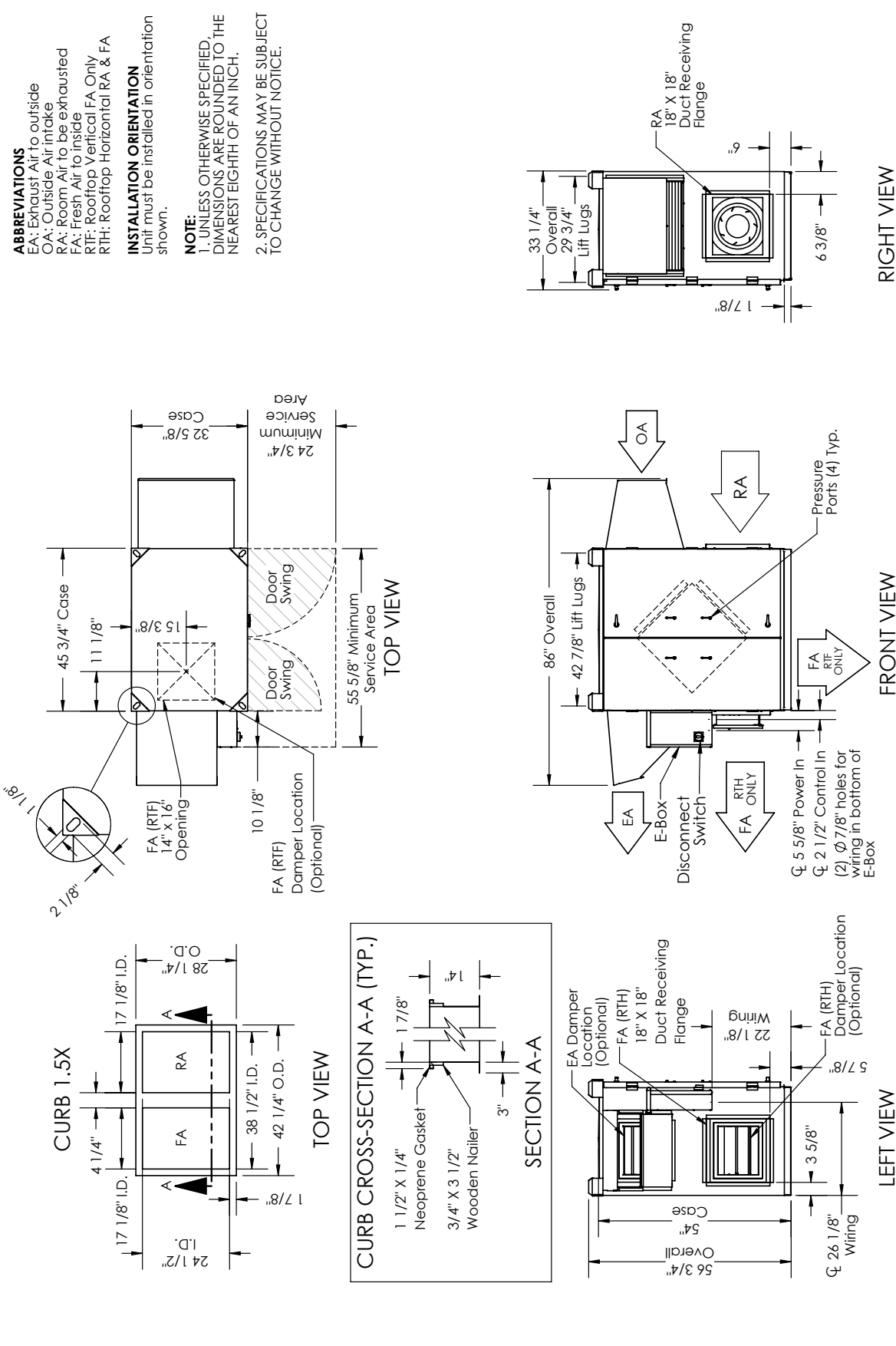
# HE1.5XRT (RTV/RTR) Energy Recovery Ventilator EC Motor Option



**UNIT MOUNTING & APPLICATION**  
 Must be mounted as shown. Airstreams can not be switched. Duct configuration is field convertible.



**HE1.5XRT (RTH/RTF) Energy Recovery Ventilator EC Motor Option**



**UNIT MOUNTING & APPLICATION**  
 Must be mounted as shown. Airstreams can not be switched. Duct configuration is field convertible.

