

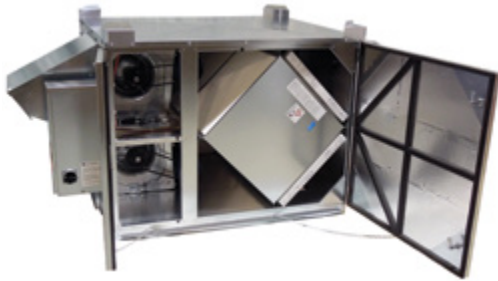


ENERGY RECOVERY VENTILATOR



ROOFTOP UNIT

SPECIFICATIONS



Energy recovery core is AHRI Certified®



**Ventilation Type:**  
Static plate, heat and humidity transfer

**Airflow Range:** 500–2,200 CFM

**AHRI 1060 Certified Core:** Two L125-G5

**Standard Features:**  
TEFC premium efficiency motors  
Motor starters  
Non-fused disconnect  
24VAC transformer/relay package  
Cross-core differential pressure ports

**Filters:**  
Total qty. 4, MERV 8; 20" x 20" x 2"

**Unit Weight:**  
498–689 lbs., varies by option(s)

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

**Motor(s):**  
Qty. 2, Belt drive blower/standard motor (IE3) packages with adjustable sheaves

**Options:**  
Ultra premium efficiency (IE5+) motors with variable frequency drive (VFDs): both airstreams  
Onboard VFDs: both airstreams  
Shaft grounding ring on motors with VFDs  
Fused disconnect  
Integrated programmable controls: enhanced, premium  
Class 1 low leakage motorized isolation dampers: OA, RA or both airstreams  
Factory mounted filter alarms: both airstreams  
Double wall construction  
Exterior paint: white, custom colors

**Accessories:**  
Filters: MERV 13, 2" (shipped loose)  
Automatic balancing damper: 4", 5", 6"  
Roof curb: standard 14"  
Curb wind clip  
Engineered combo curb for Trane or Carrier RTUs  
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: EK series (1–175 kW)  
Indirect gas-fired duct furnace: GH series (50–400 MBH); installed downstream of any fans

AIRFLOW PERFORMANCE

Blower RPM	External Static Pressure (Inches Water Column)															
	0.25		0.50		0.75		1.00		1.25		1.50		1.75		2.00	
	SCFM	BHP	SCFM	BHP	SCFM	BHP	SCFM	BHP	SCFM	BHP	SCFM	BHP	SCFM	BHP	SCFM	BHP
800																
900	642	0.4														
1000	829	0.4	558	0.4												
1100	1016	0.5	776	0.5												
1200	1200	0.7	986	0.6	739	0.5										
1300	1381	0.9	1191	0.8	973	0.7	721	0.6								
1400	1562	1.1	1392	1.0	1199	0.9	977	0.7	725	0.6						
1500	1743	1.3	1590	1.2	1419	1.1	1223	1.0	1000	0.8	750	0.7				
1600	1923	1.7	1785	1.5	1632	1.4	1459	1.3	1263	1.1	1041	1.0	795	0.8	534	0.7
1700			1975	1.9	1836	1.7	1683	1.6	1511	1.4	1317	1.3	1099	1.1	859	0.9

Operation in this zone will likely exceed FLA limits.      Operation in this zone outside of core airflow limits.

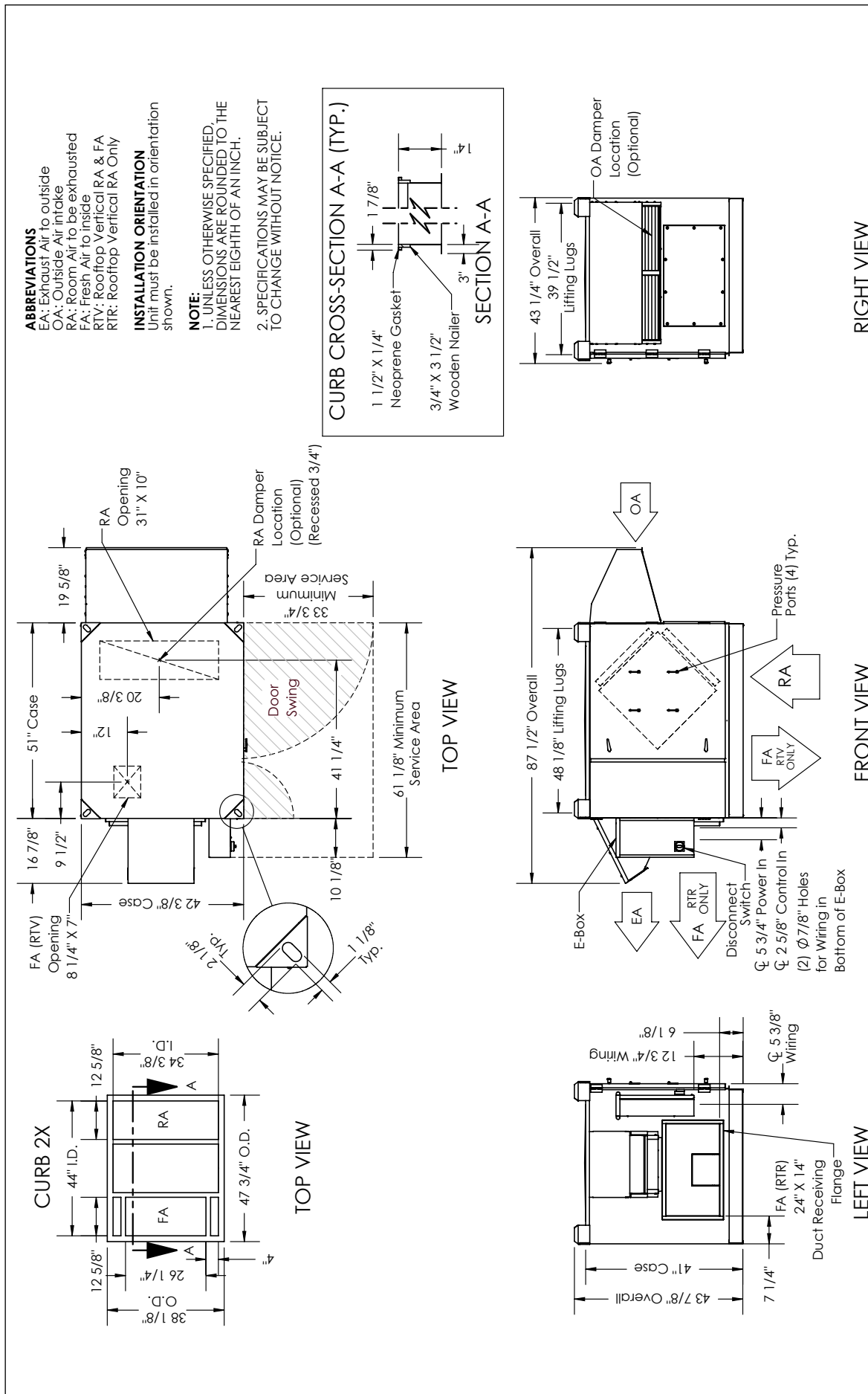
Note: Brake horsepower (BHP) is for one blower motor package only. Airflow performance includes effect of clean, standard filter supplied with unit.

ELECTRICAL DATA

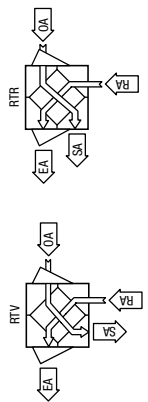
Electrical Specifications				Motor Starters (Standard)			Optional IE3 Efficiency Motor with VFDs			Optional IE5+ Efficiency Motor with VFDs		
HP	Volts	Hz	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
1.5	120	60	Single	15.2	34.2	45						
1.5	208–230	60	Single	8.2–7.6	18.5	25	4.5–4.4	17.5	25			
	208–230	60	Three	4.5–4.4	10.1	15	4.5–4.4	10.1	15			
	460	60	Three	2.2	5.0	15	2.2	5.0	15			
	575	60	Three	1.8	4.1	15	1.8	4.1	15			
2.0	120	60	Single	20.0	45.0	60						
2.0	208–230	60	Single	10.8–10.0	24.3	35	6.6–5.8	25.7	35	4.5–4.5	17.5	25
	208–230	60	Three	6.6–5.8	14.9	20	6.6–5.8	14.9	20	4.5–4.5	10.1	15
	460	60	Three	2.9	6.5	15	2.9	6.5	15	2.3	5.2	15
	575	60	Three	2.3	5.2	15	2.3	5.2	15			



**HE2XRT (RTV/RTR) ENERGY RECOVERY VENTILATOR**



**UNIT MOUNTING & APPLICATION**  
 Must be mounted as shown. Airstreams cannot be switched.



**AIRFLOW ORIENTATION**  
 Available as shown:

**HE2XRT (RTH/RTF) ENERGY RECOVERY VENTILATOR**

