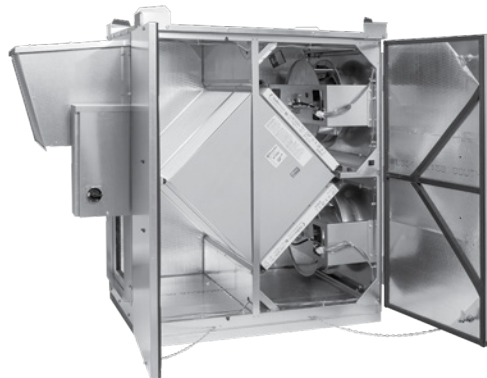


HE 1.5XRT

Energy Recovery Ventilator Standard



ROOFTOP UNIT



SPECIFICATIONS

Ventilation Type:
Static plate, heat and humidity transfer

Typical Airflow Range: 375-1,575 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:
387-548 lbs., varies by option(s)

Max. Shipping Dimensions & Weight (on pallet):
70" L x 47" W x 83" H
615 lbs.

Options:
Qty. 2, Variable Speed/ECM - Direct drive motors (see HE1.5XRT EC Motor submittal) -
1.0 HP 120V/1Ph/60HZ,
1.0 HP 208-230V/1Ph/60HZ,
1.0 HP 277V/1Ph/60HZ
Independent blower control
Onboard variable frequency drives (VFDs) - both airstreams
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

Energy Recovery Core is AHRI Certified®



Motor(s):
Qty. 2, 1.0 HP ea., Direct drive standard motorized impeller packages

Accessories:
Filters - MERV 13, 2" (shipped loose)
Backdraft damper - OA or EA
Automatic balancing damper - 4", 5", 6"
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

AIRFLOW PERFORMANCE

Motor HP Phase	External Static Pressure (Inches Water Column)						
	0.0	0.25	0.50	0.75	1.00	1.25	1.50
1.0 Single Phase	1,535 CFM 1,540 Watts	1390 CFM 1515 Watts	1255 CFM 1485 Watts	1120 CFM 1445 Watts	970 CFM 1395 Watts	815 CFM 1310 Watts	640 CFM 1195 Watts
1.0 Three Phase	1,630 CFM 1,440 Watts	1485 CFM 1435 Watts	1335 CFM 1415 Watts	1170 CFM 1375 Watts	995 CFM 1325 Watts	810 CFM 1260 Watts	615 CFM 1180 Watts

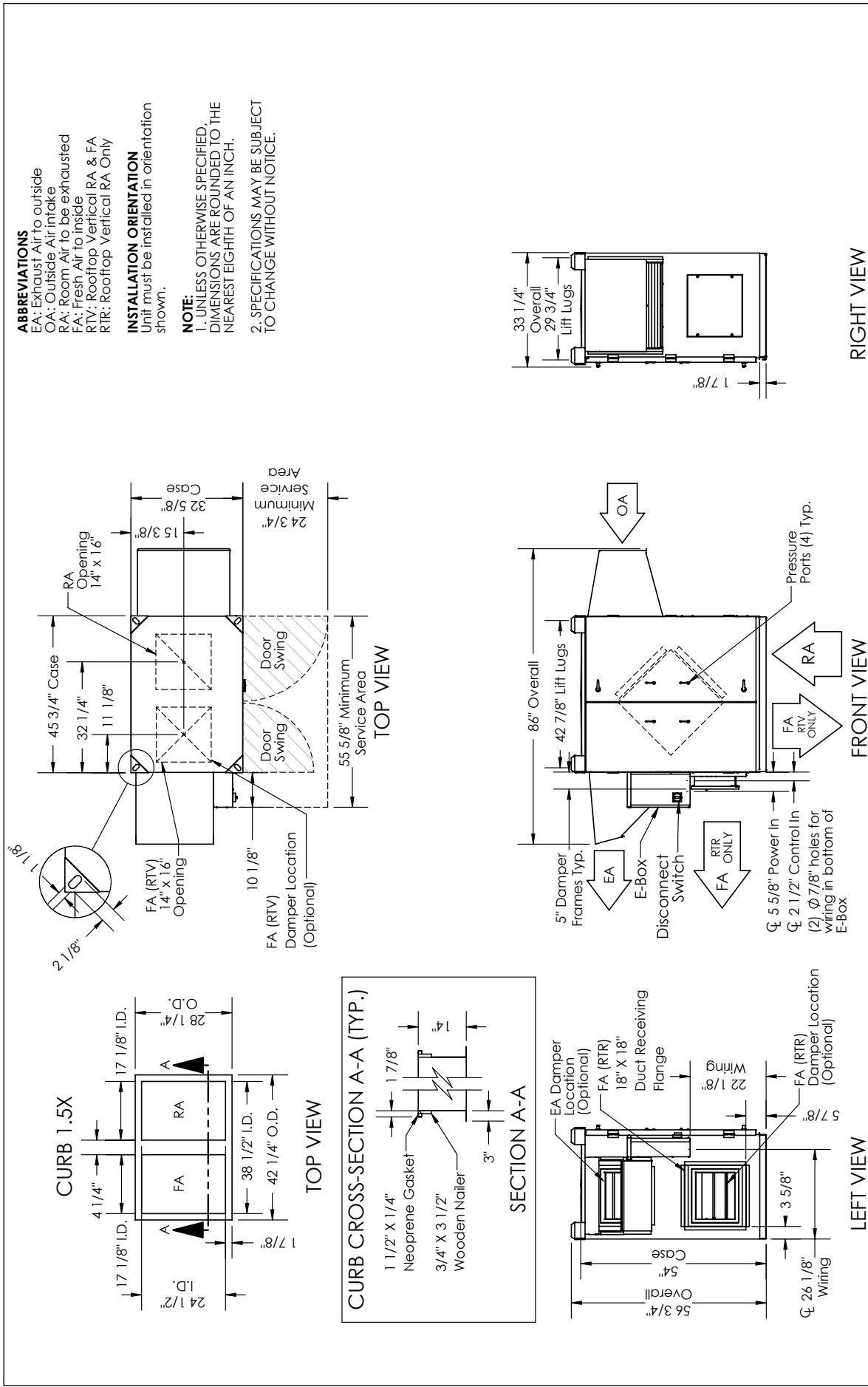
Note: Watts is for the entire unit (2 motors).

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

ELECTRICAL DATA

Standard Electrical Specifications							Optional Factory Installed VFD Electrical Specifications		
HP	Volts	HZ	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
1.0	120	60	Single	6.5	14.6	20			
1.0	208-230	60	Single	3.3-3.4	7.7	15			
1.0	277	60	Single	2.7	6.1	15			
1.0	208-230	60	Three	2.2-2.2	5.0	15	2.2 - 2.2	5.4	15
1.0	460	60	Three	1.1	2.5	15	1.1	2.8	15

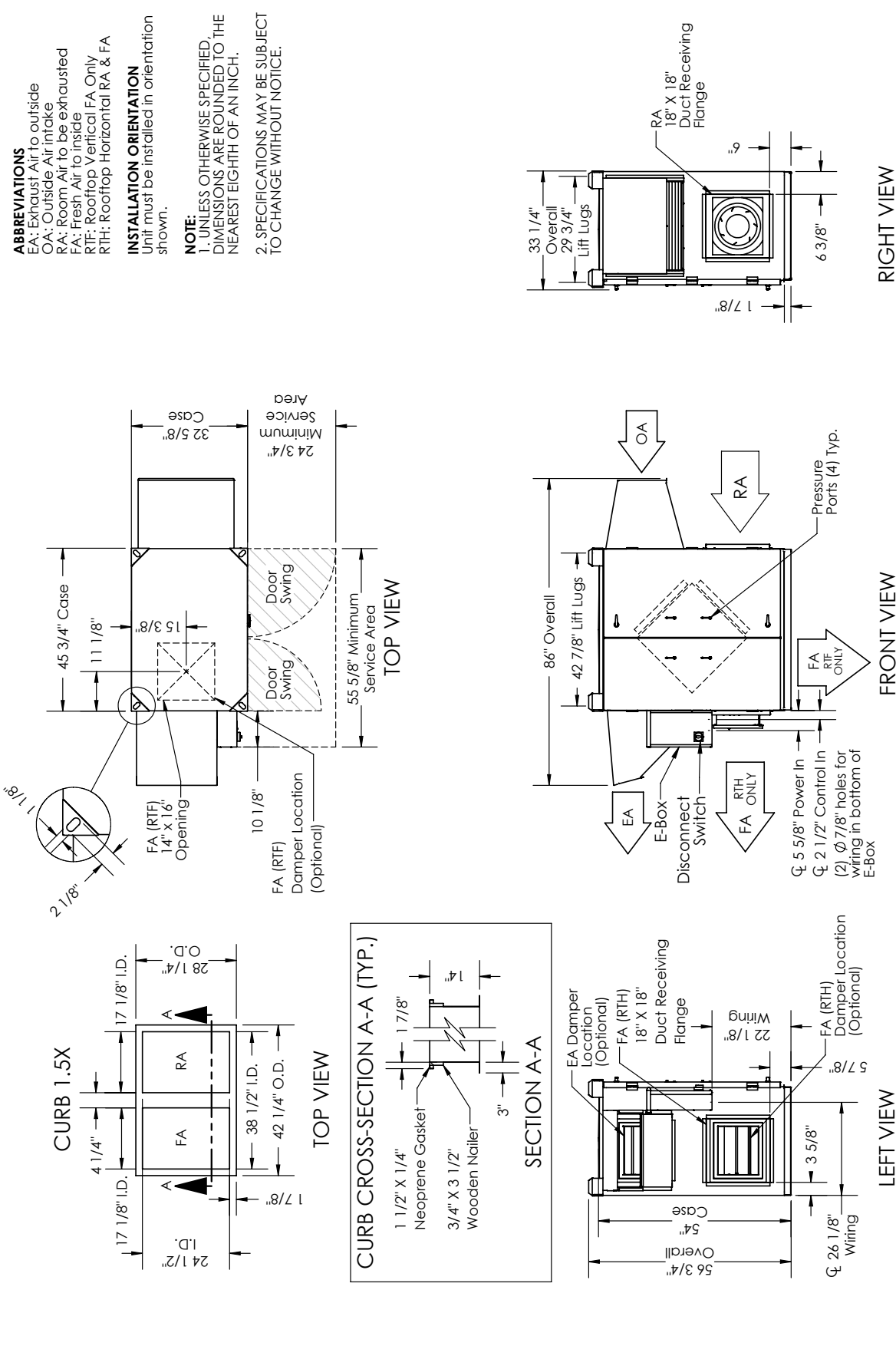
HE1.5XRT (RTV/RTR) Energy Recovery Ventilator Standard



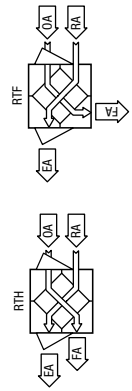
UNIT MOUNTING & APPLICATION
 Must be mounted as shown. Airstreams can not be switched. Duct configuration is field convertible.



HE1.5XRT (RTH/RTF) Energy Recovery Ventilator Standard



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



AIRFLOW CONFIGURATION
 Available as shown:

