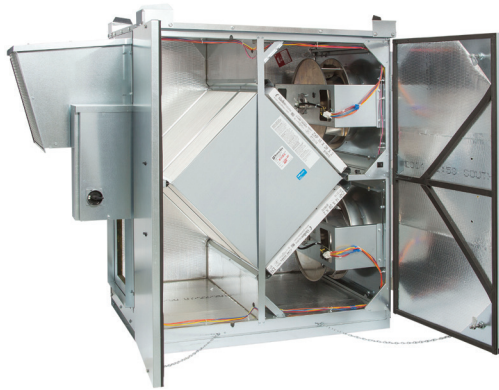


HE 1.5XRT

ROOFTOP UNIT



Energy recovery core is AHRI Certified®



ENERGY RECOVERY VENTILATOR EC MOTOR



SPECIFICATIONS

Ventilation Type:

Static plate, heat and humidity transfer

Airflow Range: 375–1,378 CFM

AHRI 1060 Certified Core:

One L62-G5 and one L125-G5

Standard Features:

Non-fused disconnect
24VAC 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, 480 W ea., Direct drive EC motorized impellers

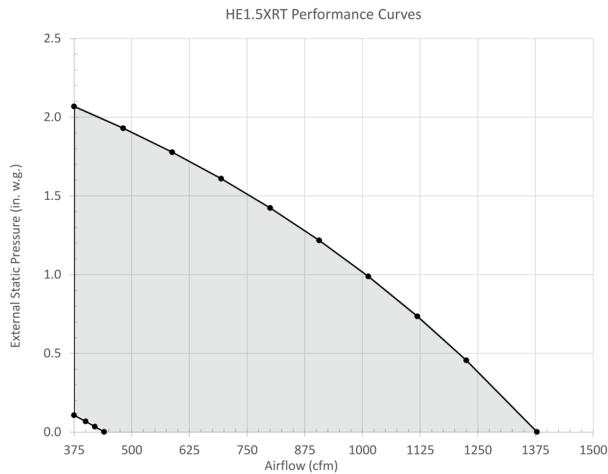
Options:

Fused disconnect
Integrated programmable controls: enhanced, premium
Bypass economizer damper (see DIM drawing):
dry-bulb temperature controls (standard), enthalpy
controls (option)
Class 1 low leakage motorized isolation dampers:
FA, EA or both airstreams
Gravity backdraft dampers
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)
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

EC MOTOR OPERATING RANGE AND FAN PERFORMANCE



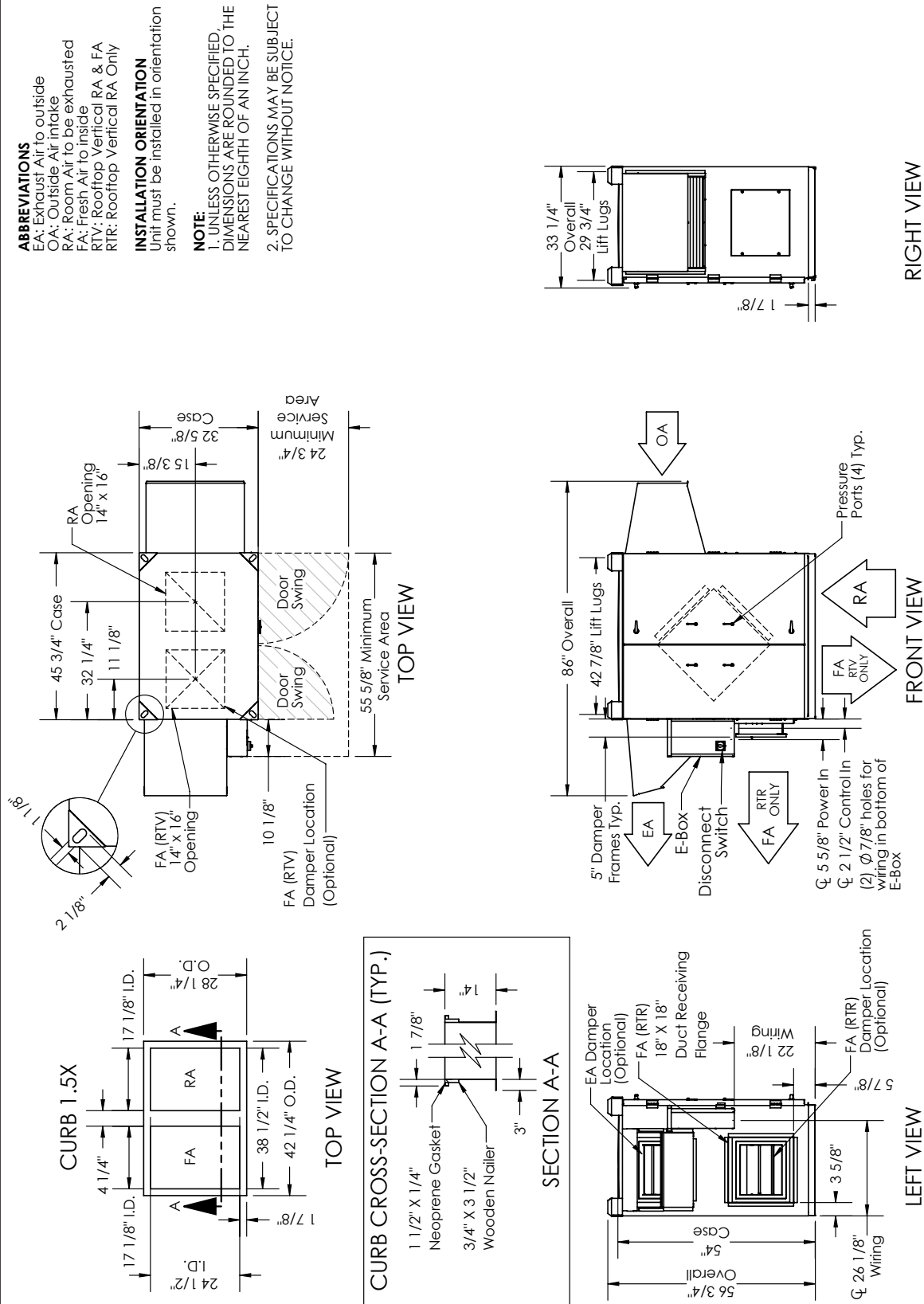
Airflow (CFM)	External Static Pressure (Inches Water Column)	Unit Power Consumption (Watts)
375	2.07	710
481	1.93	765
588	1.78	814
694	1.61	859
800	1.42	899
906	1.22	933
1013	0.99	963
1119	0.74	987
1225	0.46	1006
1378	0.00	1024

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

ELECTRICAL DATA

Watts	Volts	Hz	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
480	120	60	Single	6.7	15.1	20
480	208–230	60	Single	3.4	7.7	15

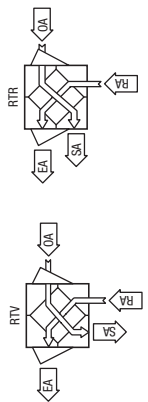
HE1.5XRT (RTV/RTR) ENERGY RECOVERY VENTILATOR EC MOTOR OPTION

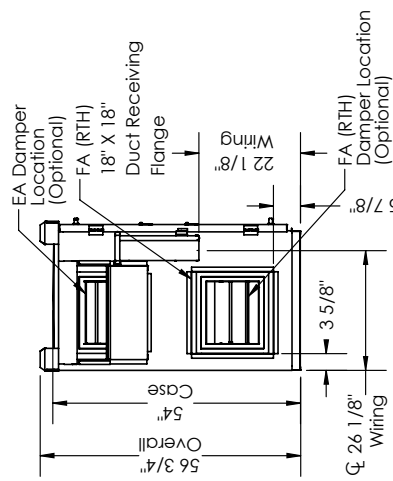


UNIT MOUNTING & APPLICATION
Must be mounted as shown. Airstreams cannot be switched. Duct configuration is field convertible.



AIRFLOW CONFIGURATION
Available as shown:





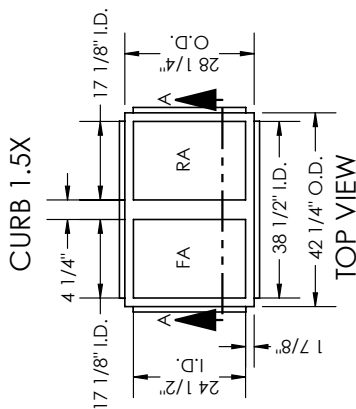
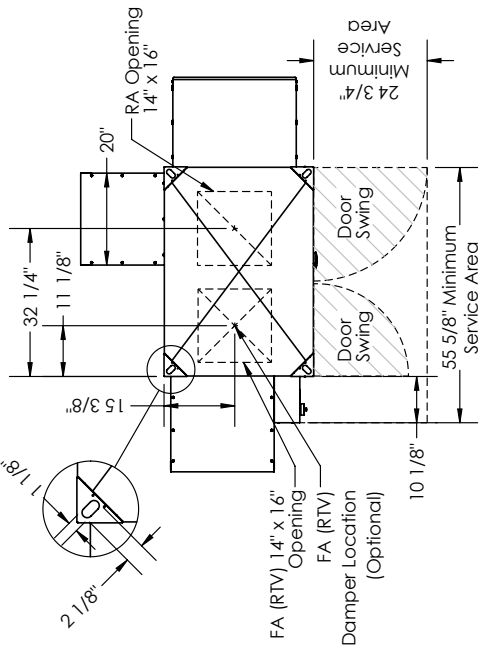
2. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.

Must be mounted as shown. Airstreams cannot be switched. Duct configuration is field convertible.

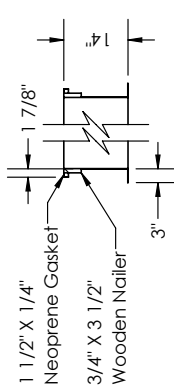
ABBREVIATIONS
EA: Exhaust Air to outside
OA: Outside Air Intake
RA: Room Air to be exhausted
FA: Fresh Air to inside
BP: Bypass Air Outlet
RTV: Rooftop Vertical RA & FA
RTR: Rooftop Vertical RA Only

INSTALLATION ORIENTATION
Unit must be installed in orientation shown.

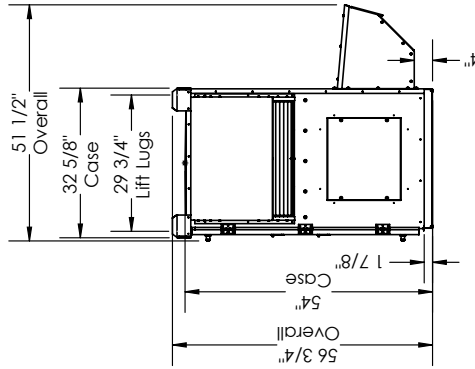
NOTE:
1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE ROUNDED TO THE NEAREST EIGHTH OF AN INCH.
2. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.



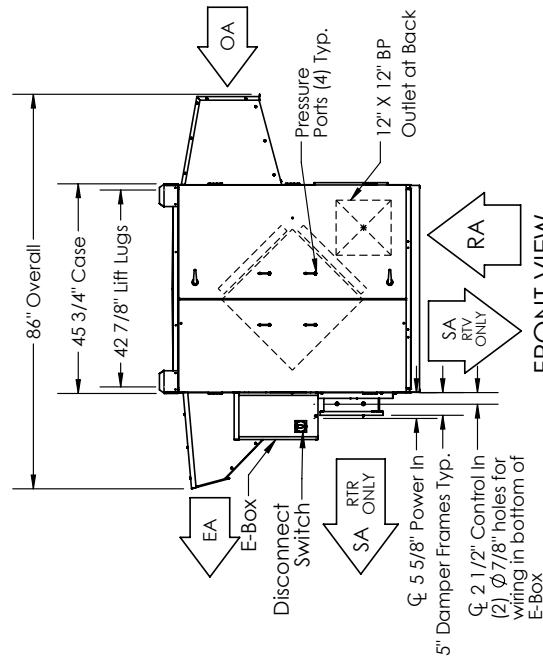
CURB CROSS-SECTION A-A (TYP.)



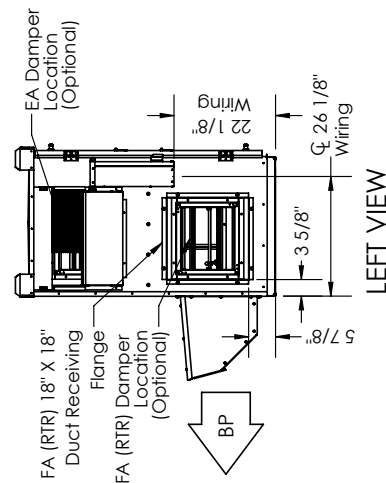
TOP VIEW



RIGHT VIEW



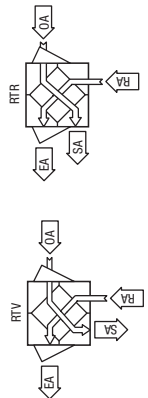
FRONT VIEW



LEFT VIEW

AIRFLOW CONFIGURATION

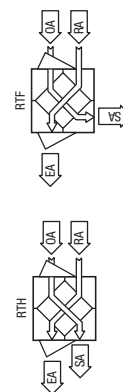
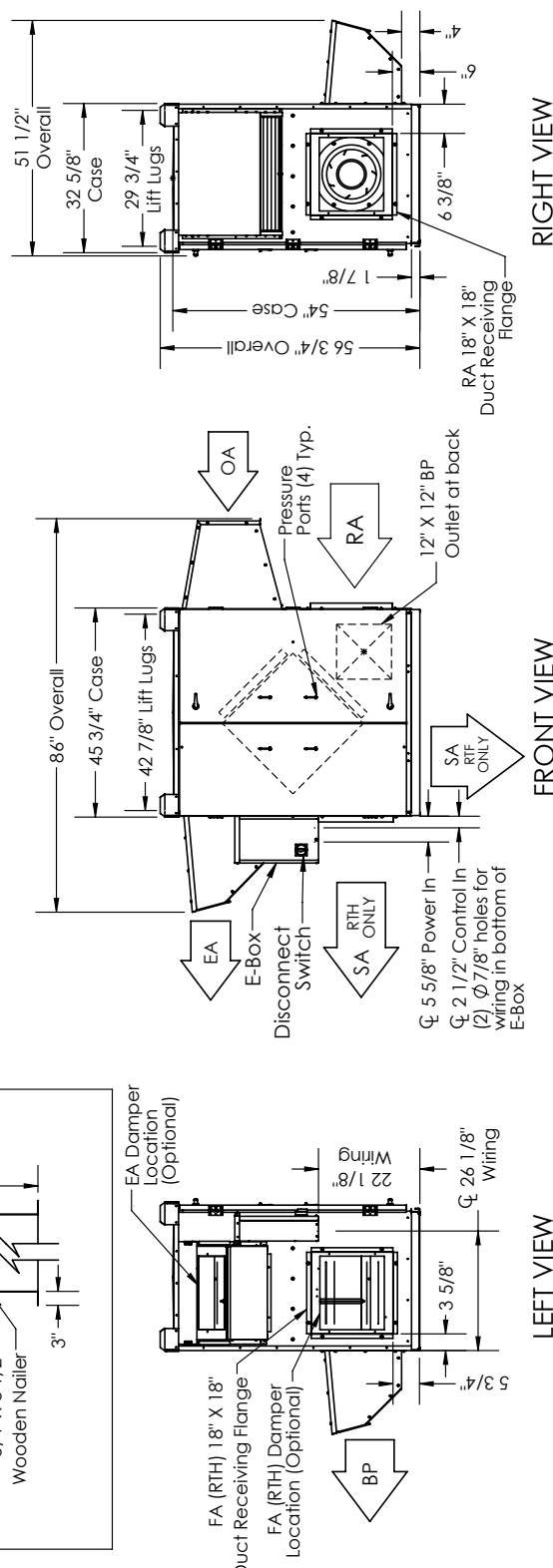
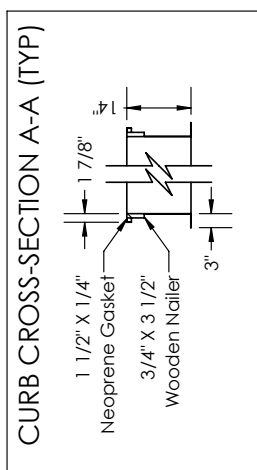
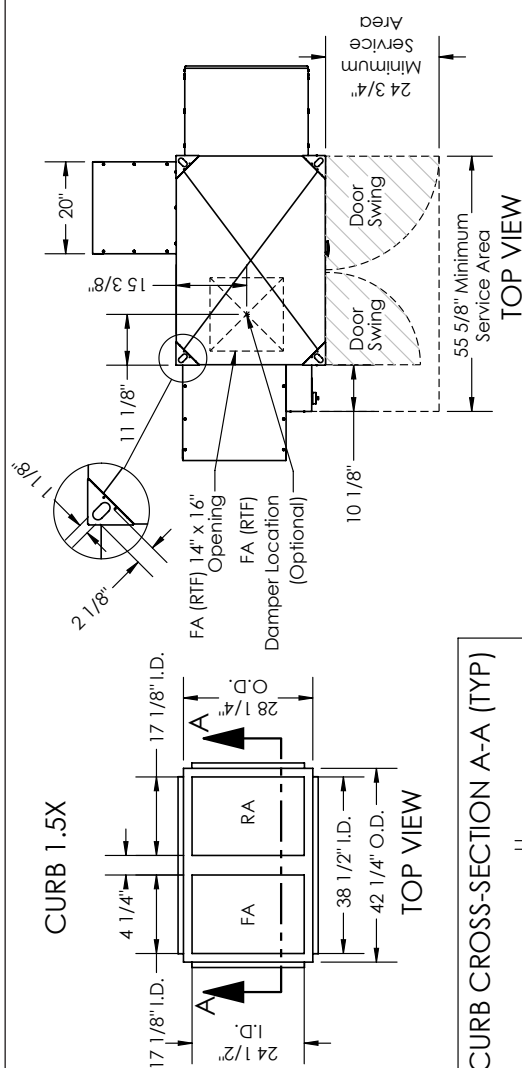
Available as shown:



UNIT MOUNTING & APPLICATION

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AIRFLOW CONFIGURATION

Available as shown:



UNIT MOUNTING & APPLICATION

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ABBREVIATIONS

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INSTALLATION ORIENTATION

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