



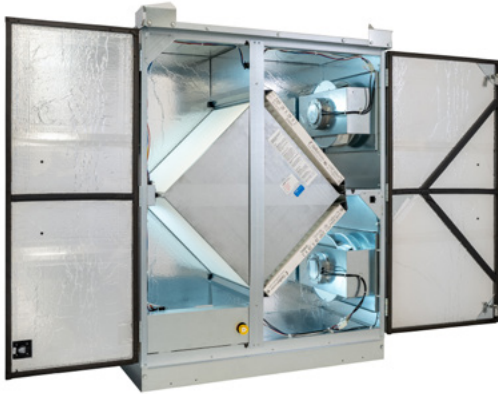
TRCeN 800RT-230-1P

TRCeN800RTH-230-1P, TRCeN800RTV-230-1P

ENERGY RECOVERY VENTILATOR EC MOTOR



ROOFTOP UNIT



Energy recovery core is AHRI Certified®



SPECIFICATIONS

Ventilation Type: Static plate, heat and humidity transfer

Airflow Range: 250–1100 CFM

AHRI 1060 Certified Core: One L125-G5

Standard Features:

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

Filters:

Total Qty. 2, MERV 8: 20" x 20" x 2"

Unit Weight: 271 lbs.

Max. Shipping Dimensions & Weight (on pallet):

60" L x 32" W x 82 1/4" H
311 lbs.

Motor(s):

Qty. 2, 370W ea., Direct drive EC motorized
impeller packages (208–230V/1Ph/60Hz)

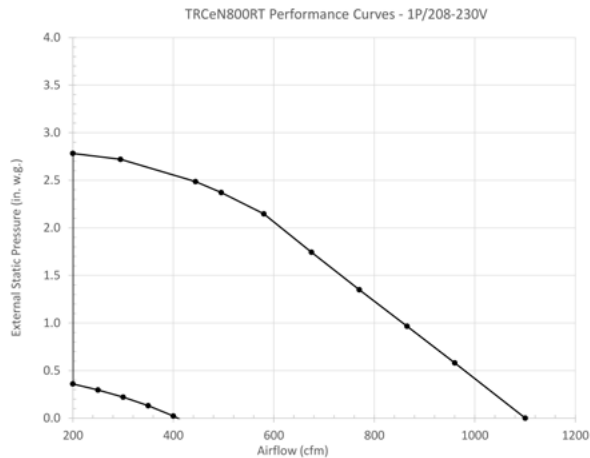
Optional Electrical Accessories:

STC7D-W: Digital Time Clock (wall mount)
SMC-C: Motion Occupancy Control (ceiling mount)
SMC-W: Motion Occupancy Control (wall mount)
SCO2-W: CO2 Control (wall mount)

Optional TRC-RT General Accessories:

BD12: 12" Backdraft Damper
147600: TRCeN800RTH/V 10HEDF Rectangular
14" x 14" Flange Kit (2 per kit)
147384: HE10RT Roof Curb (TRCeN800RT)
1XHECC: TRCeN800RT Tie Down Clip Kit
990083: MERV8 (20" x 20" x 2" filter)
990303: MERV13 (20" x 20" x 2" filter)

EC MOTOR OPERATING RANGE AND FAN PERFORMANCE



TRCeN800RT MOTOR 1P/208-230V		
Airflow (CFM)	Standard EC	
	External Static Pressure (Inches Water Column)	Unit Power Consumption (Watts)
200	2.78	566
295	2.72	658
444	2.48	791
495	2.37	832
580	2.15	894
675	1.74	900
770	1.35	900
865	0.97	900
960	0.58	900
1100	0.00	900

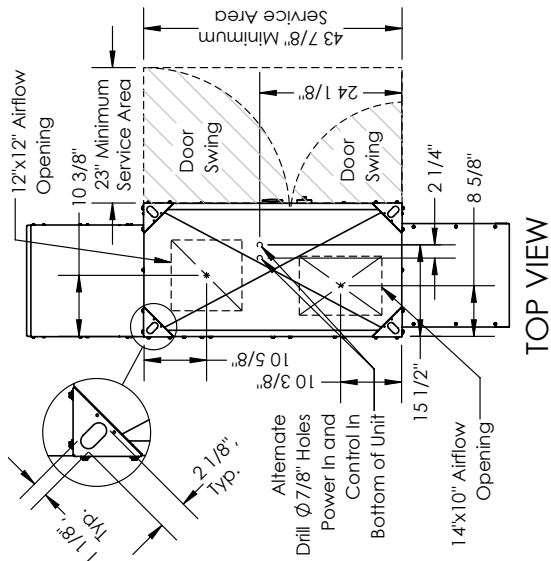
Note: Airflow performance includes effect of clean, standard filter supplied with unit.

ELECTRICAL DATA

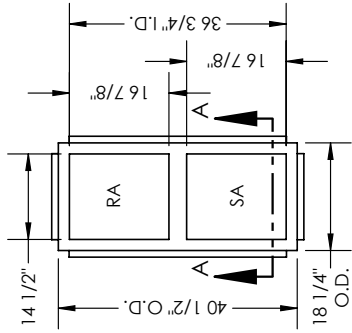
Watts	Volts	Hz	Phase	Motor Full Load Amperage (FLA) per Motor	Max. Amp Drawn by the Unit	Min. Circuit Ampacity	Max. Overcurrent Protection Device
370	208–230	60	Single	1.73	3.46	3.9	15



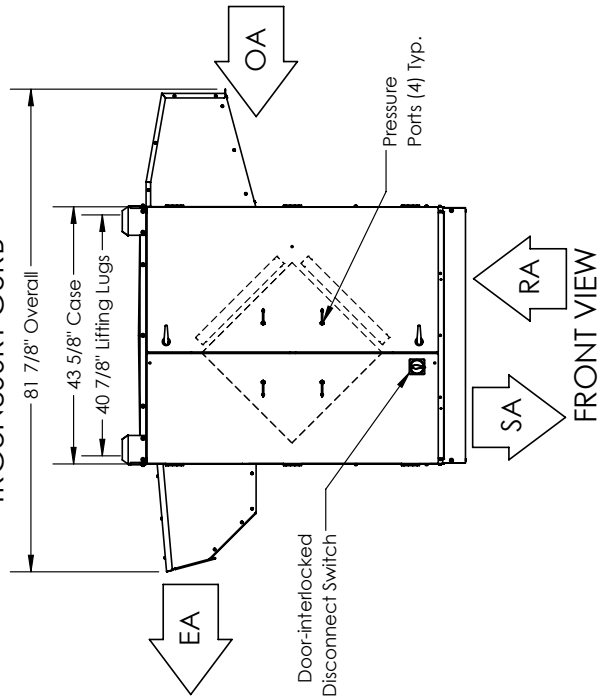
TRCeN800RTV-230-1P ENERGY RECOVERY VENTILATOR EC MOTOR



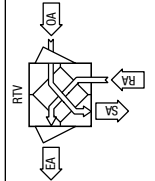
TOP VIEW



TRCeN800RT CURB



LEFT VIEW



AIRFLOW ORIENTATION
Available as shown:



ABBREVIATIONS

EA: Exhaust Air To Outside
OA: Outside Air Intake
RA: Room Air To Be Exhausted
SA: Supply Air To Inside
RTV: Rooftop Vertical RA & SA

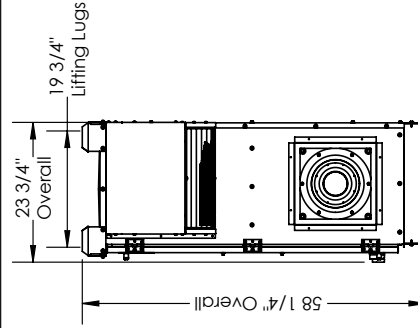
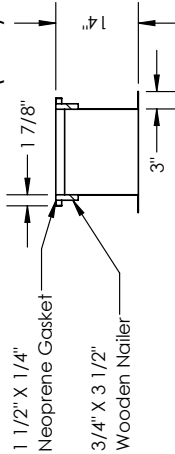
INSTALLATION ORIENTATION

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.)

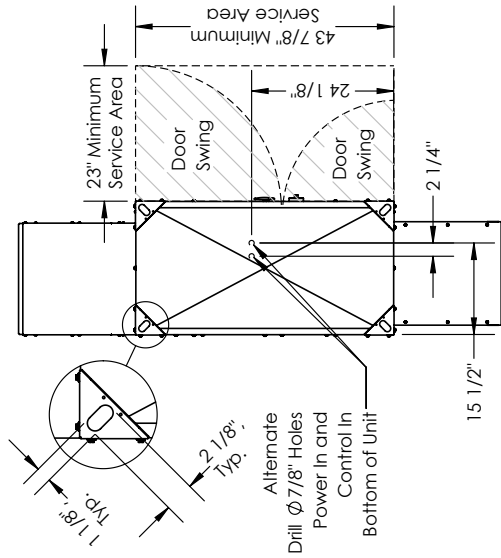


RIGHT VIEW

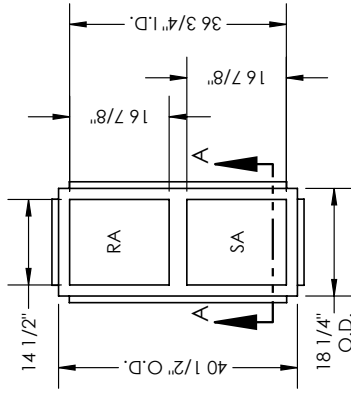


UNIT MOUNTING & APPLICATION
Must be mounted as shown. Airstreams cannot be switched.

TRCeN800RTH-230-1P ENERGY RECOVERY VENTILATOR EC MOTOR

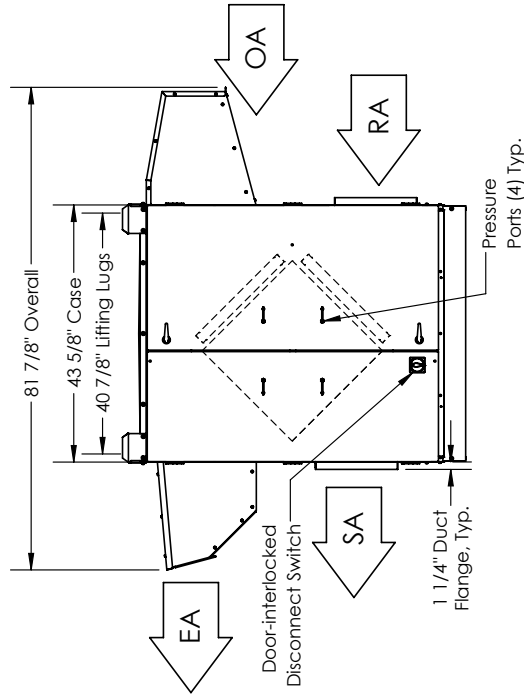


TOP VIEW

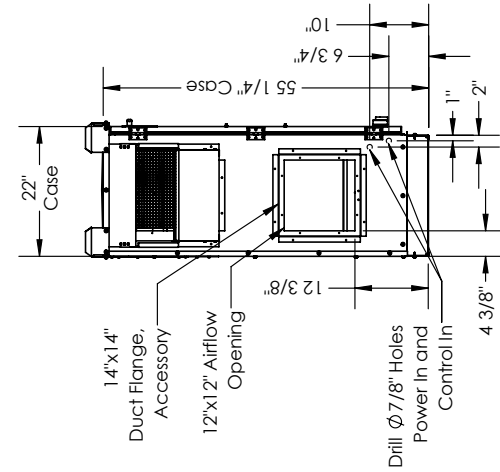


FRONT VIEW

TRCeN800RT CURB



RIGHT VIEW



LEFT VIEW

ABBREVIATIONS

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OA: Outside Air Intake
RA: Room Air to be Exhausted
SA: Supply Air to Inside
RTH: Rooftop Horizontal RA & SA

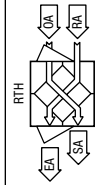
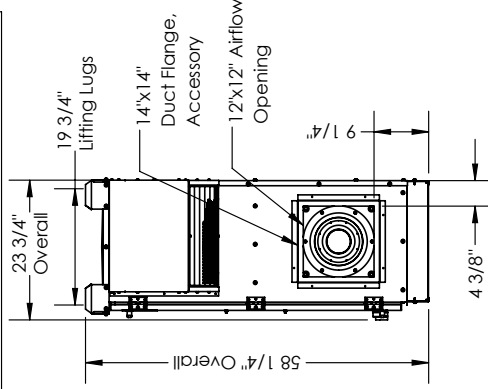
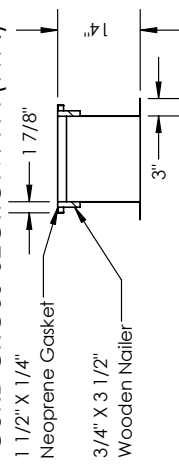
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CURB CROSS-SECTION A-A (TYP.)



AIRFLOW ORIENTATION
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