



# TRC 1200RT-230-3P

TRC1200RTH-230-3P, TRC1200RTV-230-3P

## ENERGY RECOVERY VENTILATOR



### ROOFTOP UNIT



Energy recovery core is AHRI Certified®



### SPECIFICATIONS

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

**Airflow Range:** 375–1,630 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:** 387 lbs.

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

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

**Motor(s):**

Qty. 2, 1.0 HP ea., Direct drive standard motorized impellers

**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)  
SPBACNETFC-W: BACnet Fan Control

**Optional TRC-RT General Accessories:**

190101: Roof Curb (CURB1.5) (TRC 1200RT)  
1.5XHECC: TRC 1200RT Tie Down Clip Kit  
990080: MERV8 (14" x 20" x 2" filter)  
990229: MERV8 (16" x 20" x 2" filter)  
990300: MERV13 (14" x 20" x 2" filter)  
990301: MERV13 (16" x 20" x 2" filter)

### AIRFLOW PERFORMANCE

| Motor<br>HP<br>Phase  | Blower<br>RPM | EXTERNAL STATIC PRESSURE (INCHES WATER COLUMN) |       |      |       |      |       |      |       |      |       |      |       |      |       |
|-----------------------|---------------|------------------------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
|                       |               | 0.00                                           |       | 0.25 |       | 0.50 |       | 0.75 |       | 1.00 |       | 1.25 |       | 1.50 |       |
|                       |               | SCFM                                           | Watts | SCFM | Watts | SCFM | Watts | SCFM | Watts | SCFM | Watts | SCFM | Watts | SCFM | Watts |
| 1.0<br>Three<br>Phase | 1475          | 1630                                           | 1440  | 1485 | 1435  | 1335 | 1415  | 1170 | 1375  | 995  | 1325  | 810  | 1260  | 615  | 1180  |

**Note:** Watts is for the entire unit (2 motors). Airflow performance includes effect of clean, standard filter supplied with unit.

### ELECTRICAL DATA

| STANDARD ELECTRICAL SPECIFICATIONS |         |    |       |                                          |                            |                       |                                    |  |
|------------------------------------|---------|----|-------|------------------------------------------|----------------------------|-----------------------|------------------------------------|--|
| Max. Unit Watts/HP                 | Volts   | Hz | Phase | Motor Full Load Amperage (FLA) per Motor | Max. Amp Drawn by the Unit | Min. Circuit Ampacity | Max. Overcurrent Protection Device |  |
| 1440/1.0                           | 208–230 | 60 | Three | 2.2–2.2                                  | 4.4                        | 5.0                   | 15                                 |  |

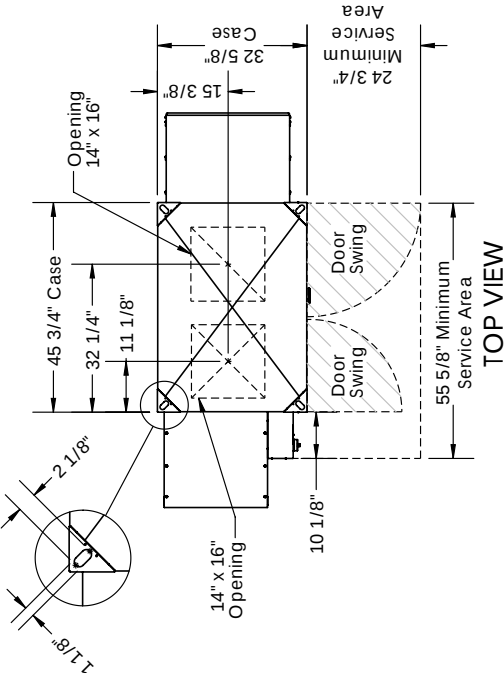


TRC1200RTV-230-3P, TRCe1200RTV-230-1P ENERGY RECOVERY VENTILATOR

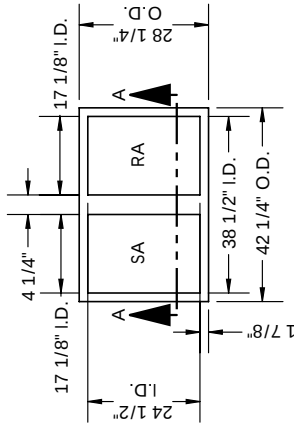
**ABBREVIATIONS**  
EA: Exhaust Air to outside  
OA: Outside Air intake  
RA: Room Air to be exhausted  
SA: Supply Air to inside  
RTV: Rooftop Vertical RA & SA

**INSTALLATION ORIENTATION**  
Unit must be installed in orientation shown.

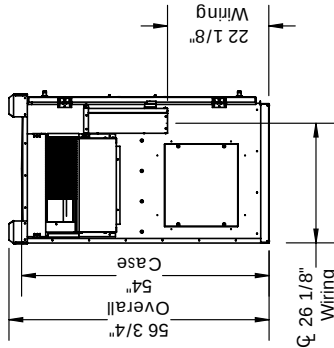
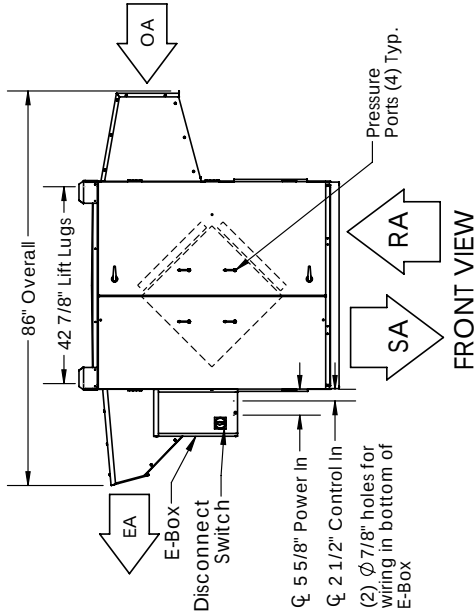
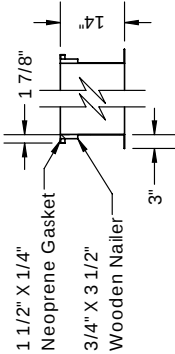
**NOTE:**  
1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE ROUNDED TO THE NEAREST EIGHTH OF AN INCH.  
2. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.



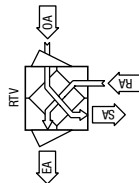
TRC1200RTV CURB



CURB CROSS-SECTION A-A (TYP.)



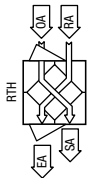
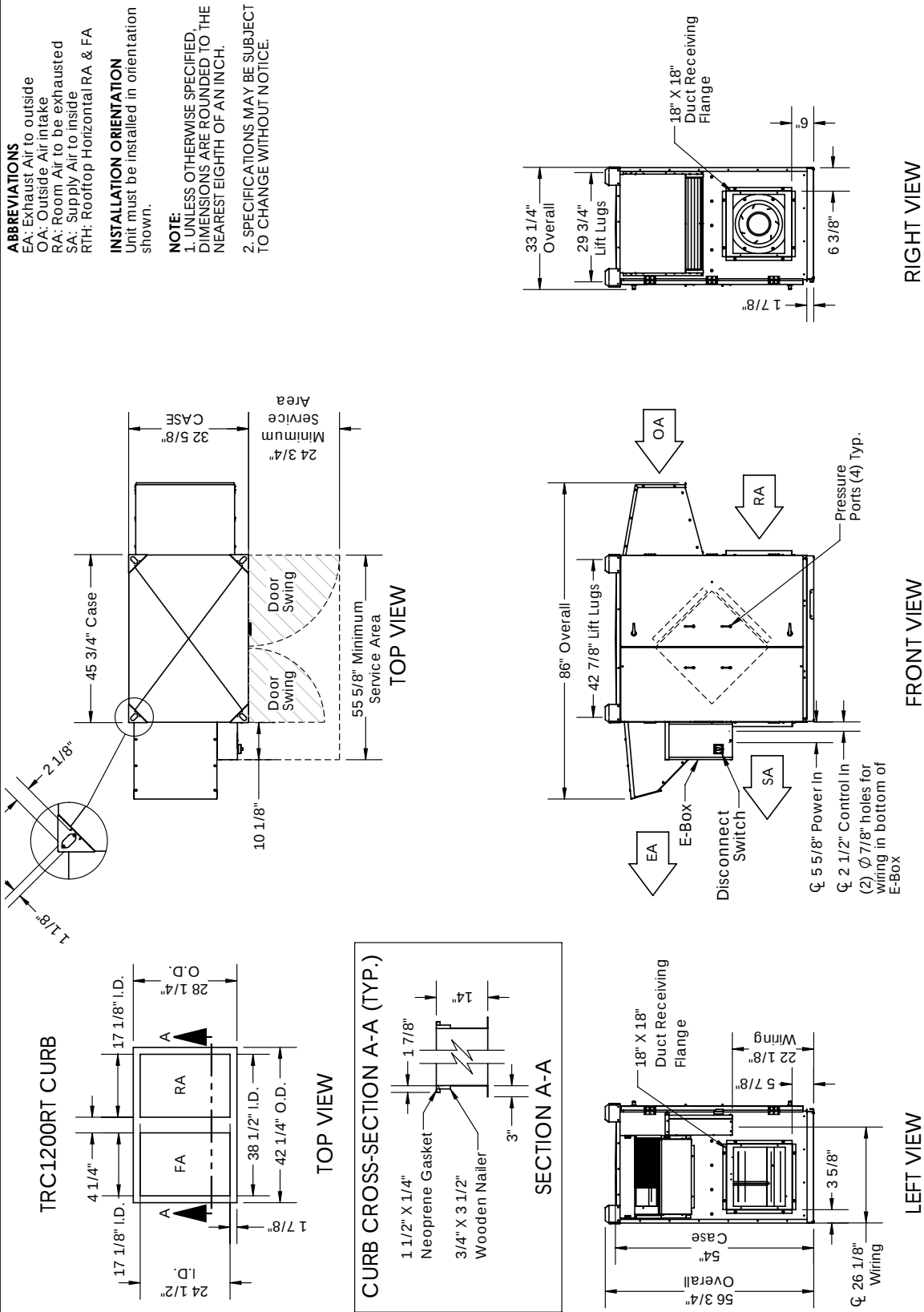
RIGHT VIEW



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



TRC1200RTH-230-3P, TRCe1200RTH-230-1P ENERGY RECOVERY VENTILATOR



**AIRFLOW ORIENTATION**  
Available as shown:



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