

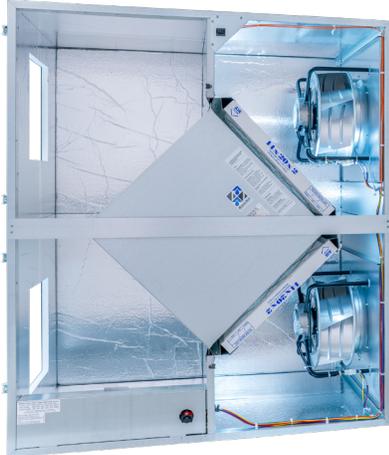
TRCeN1200H

ENERGY RECOVERY VENTILATOR EC MOTOR



NEW! INDOOR MODELS

TRCeN1200H-115, TRCeN1200H-230



Energy recovery core is AHRI Certified®



SPECIFICATIONS

Ventilation Type: Static plate, heat and humidity transfer

Airflow Range: 369–1,621 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

Independent blower control

Filters:

Total qty. 4,

MERV 8: 14" x 20" x 2" and 16" x 20" x 2"

Unit Weight: 309–635 lbs., varies by option(s)

Max. Shipping Dimensions & Weight (on pallet):

H: 70" L x 47" W x 61 1/2" H

585 lbs.

Motor(s): Qty. 2, 480 W ea., Direct drive EC motorized impeller packages (120V/1Ph/60HZ)

Options:

Qty. 2, Direct drive EC motorized impeller packages

770W 208-230V/1Ph/60HZ (Advanced)

Accessories:

Filters: MERV 13, 2" (shipped loose)

Potentiometer speed control: remote installed

Digital time clock: wall mount (STC7D-W),

Carbon dioxide sensor/control: wall mount (SCO2-W)

Motion occupancy sensor/control: ceiling mount (SMC-C), wall mount (SMC-W)

BACnet fan control: wall mount (SPBACNETFC-W)

Hanging Spring Vibration Isolation Kit

Dimensional drawing attached for reference

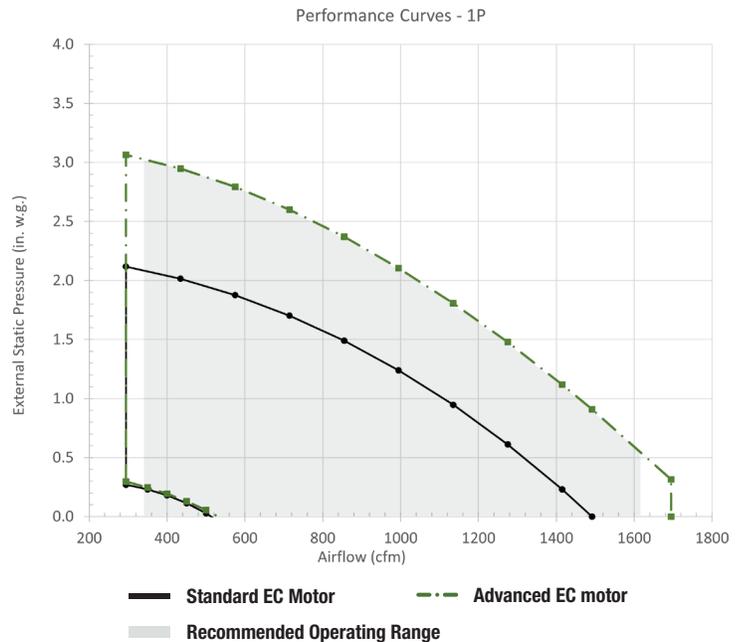
Models:

TRCeN1200H-115

TRCeN1200H-230

1-PHASE EC MOTOR OPERATING RANGE AND FAN PERFORMANCE

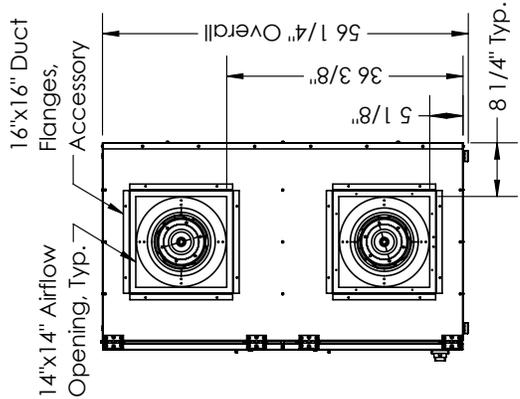
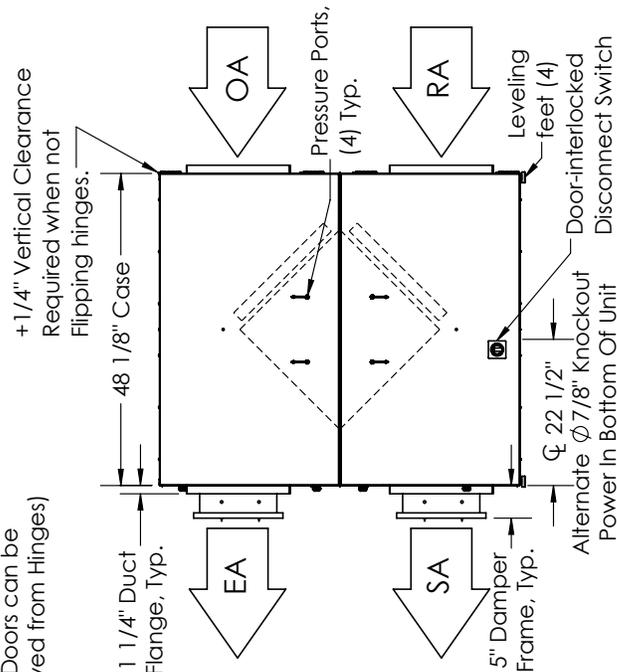
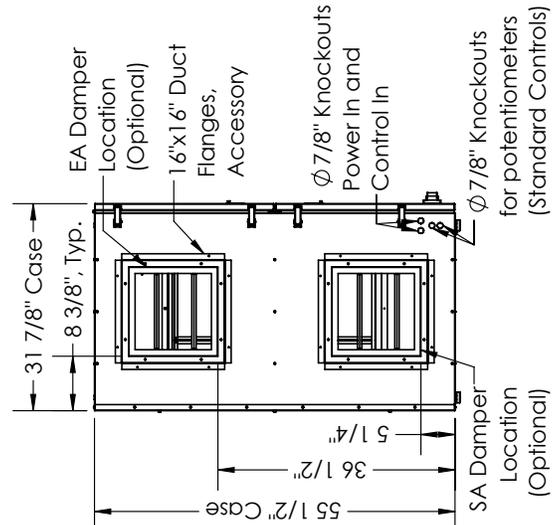
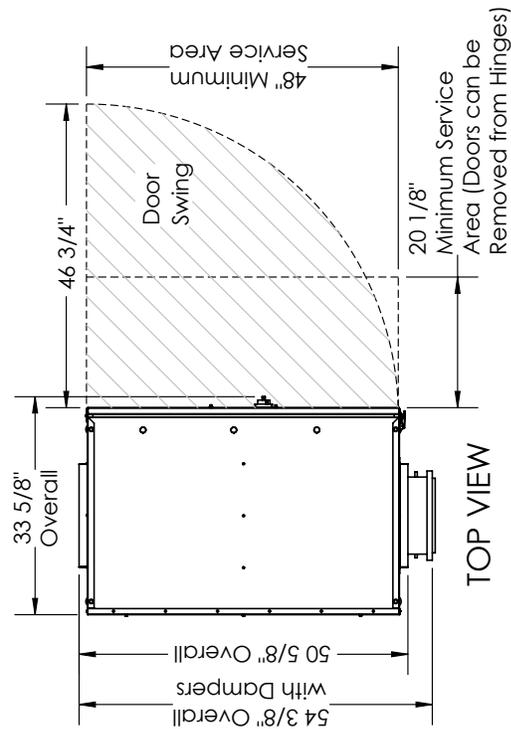
Airflow (CFM)	External Static Pressure (Inches Water Column)	Unit Power Consumption (Watts)
TRCeN1200H-115 MOTOR 1P/120V		
295	2.12	599
435	2.01	685
575	1.88	764
715	1.70	834
855	1.49	894
995	1.24	942
1135	0.95	975
1275	0.61	992
1415	0.23	991
1492	0.00	982
TRCeN1200H-230 MOTOR 1P/208-230V		
295	3.06	913
435	2.95	1007
575	2.79	1096
715	2.60	1178
855	2.37	1250
995	2.11	1310
1135	1.81	1357
1275	1.48	1388
1415	1.12	1401
1492	0.91	1400
1695	0.32	1365
1695	0.00	1258



ELECTRICAL DATA

Option	Watts	Volts	Hz	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
TRCeN1200H-115	480	120	60	Single	6.7	15.1	20
TRCeN1200H-230	770	208-230	60	Single	3.4	7.7	15

TRCeN1200H ENERGY RECOVERY VENTILATOR



ABBREVIATIONS
 EA: Exhaust Air to Outside
 OA: Outside Air Intake
 RA: Room Air to be Exhausted
 SA: Supply Air to Inside

INSTALLATION ORIENTATION
 Unit may be installed in any orientation.

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

AIRFLOW CONFIGURATION
 Available as shown in dimension drawing.

UNIT MOUNTING & APPLICATION
 Can be mounted in any orientation. RA/EA airstream can be switched with OA/FA airstream unless certain options are selected. Duct configuration is field convertible.