FRIEDRICH

1883

PROJECT NAME _____

LOCATION _____

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

SUBMITTED BY _____ DATE _____

UNIT SUMMARY

Quantity						
Unit Designation						
Model No.						
Total Cooling						
Sensible Cooling						
Air Ent. Evaporator						
Air Lvg. Evaporator						
Heating Input						
Heating Output						
CFM/ESP						
EER/SEER						
Electrical						
Minimum Ampacity						
Min.-Max. Breaker						
Net Unit Weight						
Accessory						
Catalog Form Number						

ACCESSORIES:

NOTES:

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Endeavor® Line RF2TZ Air Handler
Nominal Sizes: 2 to 3 Ton [5.3 to 10.6 kW]

JOB NAME _____ LOCATION _____

CONTRACTOR _____ ORDER NO. _____

ENGINEER _____ UNIT MODEL NO. _____

SUBMITTED FOR ☐ APPROVAL ☐ RECORD COIL MODEL NO. _____

DATE _____ AIR HANDLER MODEL NO. _____

UNIT DATA

COOLING PERFORMANCE

TOTAL CAPACITY* ..... _____ MBH [kW]

SENSIBLE CAPACITY*..... _____ MBH [kW]

OUTDOOR DESIGN TEMP..... _____ °F [°C] DB

TOTAL SUPPLY AIR..... _____ CFM [L/s]

TEMP. OF AIR ENTERING EVAPORATOR COIL..... _____ °F [°C] DB

_____ °F [°C] WB

POWER INPUT REQUIREMENT ..... _____ kW

(*uses blower motor heat)

HEATING PERFORMANCE

TOTAL CAPACITY* ..... _____ MBH [kW]

OUTDOOR DESIGN TEMP..... _____ °F [°C] DB

TEMP. OF AIR ENTERING EVAPORATOR COIL..... _____ °F [°C] DB

ELECTRIC HEAT CAPACITY..... _____ kW

POWER INPUT REQUIREMENT ..... _____ kW

(*uses blower motor heat)

SUPPLY AIR BLOWER PERFORMANCE

TOTAL AIR SUPPLY..... _____ CFM [L/s]

TOTAL RESISTANCE EXTERNAL TO UNIT..... _____ IWG

BLOWER SPEED..... _____ RPM

POWER OUTPUT REQUIREMENT..... _____ BHP

MOTOR RATING ..... _____ HP [W]

POWER INPUT REQUIREMENT ..... _____ kW

ELECTRICAL DATA

POWER SUPPLY..... _____ Hz

TOTAL UNIT AMPACITY..... _____ AMPS

MINIMUM WIRE SIZE..... _____ AWG

MAXIMUM OVERCURRENT DEVICE FUSES/HACR BREAKER..... _____ AMPS

CLEARANCES

SERVICE ACCESS FRONT 24” [609.6 mm]

FEATURES

- **Quiet Operation[1]:** Provided by a cabinet construction with 1.0 inch of foil faced insulation for quieter sound characteristics
- **Front or Bottom Return with Aluminum Indoor Coil Design:** Constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- **Rugged Steel Cabinet Construction:** Designed for added strength and versatility
- **Most Compact Unit Design Available:** All Standard air handler models are only 36" [915 mm] in height

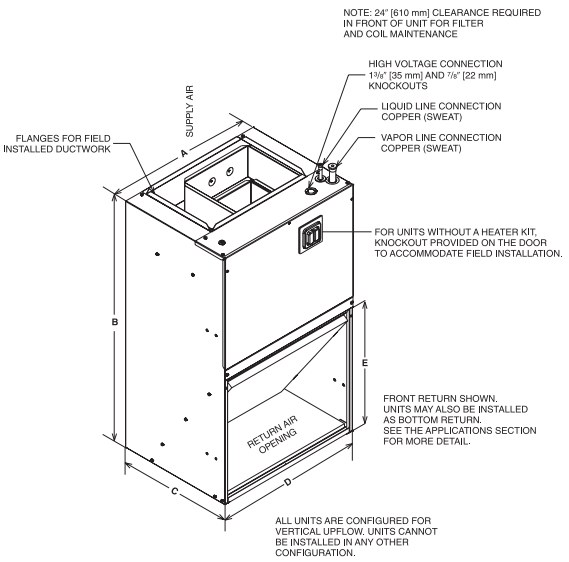
[1]Based on manufacturer’s furnace offering, and the product’s heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

ISO 9001:2015

c UL us LISTED

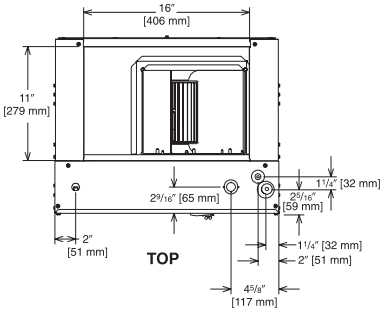
AHRI CERTIFIED

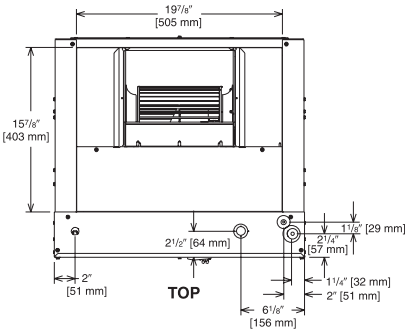
RF2TZ

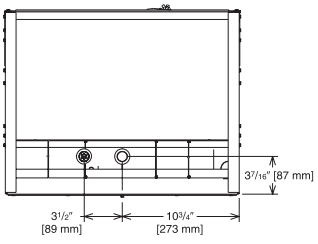


Return Air Opening Dimensions

Model Cabinet Size	Return Air Opening Width (Inches)	Return Air Opening Depth/Length (Inches)
17	15 7/8	19 3/4
21	19 3/8	19 3/4
24	22 7/8	19 3/4

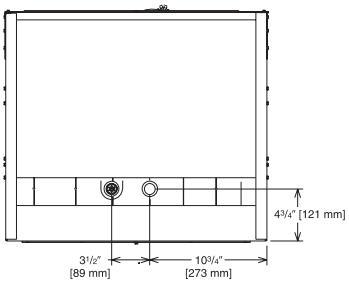






BOTTOM

1 1/2 & 2 TON [5.28 & 7.03 kW] MODELS



BOTTOM

2 1/2 & 3 TON [8.79 & 10.6 kW] MODELS

Unit Dimensions & Weights

Model	(A) Unit Width In. [mm]	(B) Unit Height In. [mm]	(C) Unit Depth In. [mm]	(D) Return Air Opening Width In. [mm]	(E) Return Air Opening Height In. [mm]	Filter Size in. x in. x in. [mm x mm x mm]	Air Flow CFM (Nom.) [L/s]		Unit Weight/Shipping Weight (Lbs.) [kg]
							Low	High	
RF2TZ2421	21 1/2 [546.1]	36 [914.4]	17 [431.8]	20 [508.0]	17 7/16 [442.9]	20 X 20 X 1 [508 X 508 X 25.4]	600 [283]	800 [378]	95 [43] x 105 [48]
RF2TZ3624	24 [609.6]	36 [914.4]	21 [533.4]	23 [584.2]	21 3/8 [542.9]	20 X 25 X 1 [508 X 635 X 25.4]	1000 [472]	1200 [566]	95 [43] x 105 [48]

[ ] Designates Metric Conversions

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

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