



SUBMITTAL COVER SHEET

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:

SUBMITTAL SHEET FOR FRONT RETURN AIR HANDLER

R-410A
f C-ACK 11/11/11-12

RHBL- High Efficiency featuring New Industry Standard R-410A Refrigerant
RHAL- High Efficiency featuring New Industry Standard R-410A Refrigerant

JOB NAME _____ LOCATION _____
 CONTRACTOR _____ ORDER NO. _____
 ENGINEER _____ SUBMITTED FOR ☐ APPROVAL ☐ RECORD
 DATE _____ OUTDOOR UNIT MODEL NO. _____
 MODEL NO. _____ INDOOR COIL 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/ACCESSORIES

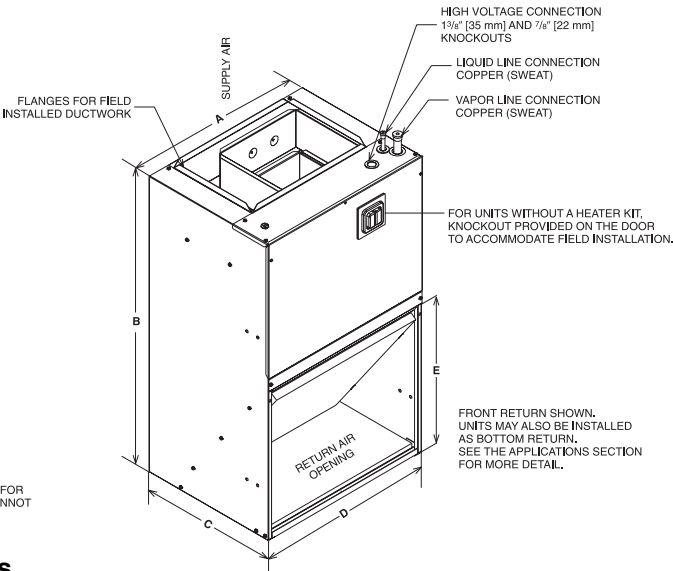
- Front or Bottom* Return (*Requires RXHK-B01/B02 Kit)
- Flow Check Piston for cooling or heat pump operation
- Wall-hanging brackets
- Built in Filter Rack (Uses Standard Filter Size)
- Suitable for R-410A or R-22 Refrigerants (RHAL Only)
- AHRI Certified
- UL Certified
- Molex Plug Connections for field installed heater kits
- Dual Voltage Direct Drive Blower with multi-speed motor
- Thermoplastic Drain Pan with bottom primary and secondary connections
- Optional Decorative Grill for front return applications (RXHK-C01/C02)
- Optional Decorative Wall Grill (RXHK-D01)
- Optional Factory Installed Condensate Float Switch which shuts off the outdoor unit in event the condensate pan becomes clogged



Unit Dimensions

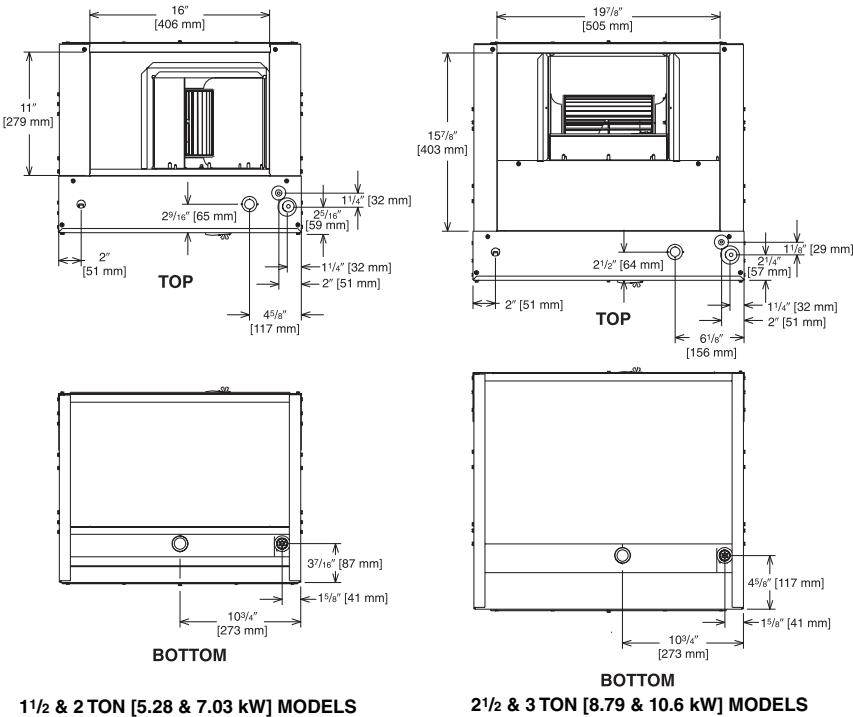
NOTE: 24" [610 mm] CLEARANCE REQUIRED
IN FRONT OF UNIT FOR FILTER
AND COIL MAINTENANCE

ALL UNITS ARE CONFIGURED FOR
VERTICAL UPFLOW. UNITS CANNOT
BE INSTALLED IN ANY OTHER
CONFIGURATION.



Unit Dimensions & Weights

Dimensional Data								
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]	Air Flow CFM (Nom.) [L/s]		Unit Weight/ Shipping Weight (Lbs.) [kg]
						Low	High	
RHAL-18	21 1/2 [546.1]	36 [914.4]	17 [431.8]	20 [508]	17 7/16 [442.9]	600 [283]	—	80 [36] / 90 [41]
RHAL-24	21 1/2 [546.1]	36 [914.4]	17 [431.8]	20 [508]	17 7/16 [442.9]	800 [378]	—	80 [36] / 90 [41]
RHAL-30	24 [609.6]	36 [914.4]	21 [533.4]	23 [584.2]	21 3/8 [542.9]	1000 [472]	—	95 [43] / 105 [48]
RHAL-36	24 [609.6]	36 [914.4]	21 [533.4]	23 [584.2]	21 3/8 [542.9]	1200 [566]	—	95 [43] / 105 [48]
RHBL-24	21 1/2 [546.1]	36 [914.4]	17 [431.8]	20 [508]	17 7/16 [442.9]	600 [283]	800 [378]	95 [43] / 105 [48]
RHBL-36	24 [609.6]	36 [914.4]	21 [533.4]	23 [584.2]	21 3/8 [542.9]	1000 [472]	1200 [566]	95 [43] / 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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"In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice."