



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						

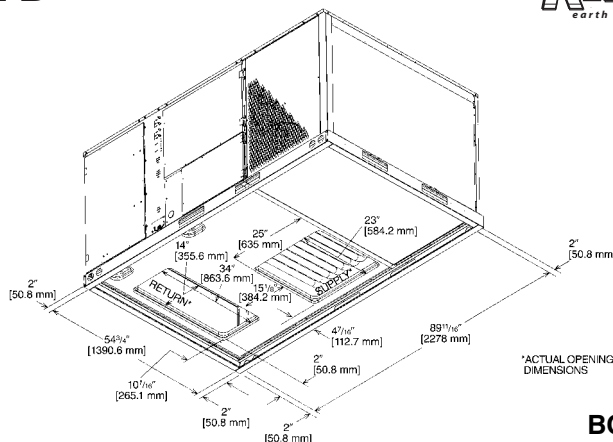
ACCESSORIES:

NOTES:

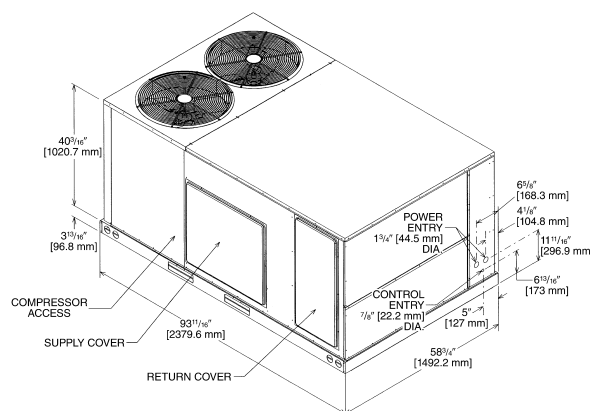
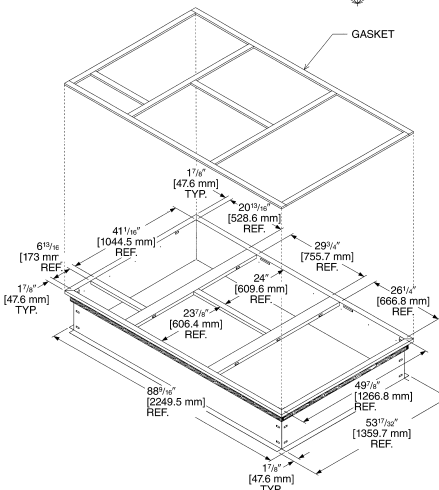
SUBMITTAL SHEET FOR PACKAGE AIR CONDITIONER UNITS: RLNL-B WITH CAPACITIES FROM 6-12.5 TONS [21.1-44.0 kW]

R-410A
earth friendly refrigerant

JOB NAME _____
CONTRACTOR _____
ENGINEER _____
LOCATION _____
ORDER NO. _____
SUBMITTED FOR ☐ APPROVAL ☐ RECORD
SUBMITTED BY _____
DATE _____
UNIT DESIGNATION _____
MODEL NO. _____



BOTTOM VIEW

ROOFCUB
INSTALLATIONRoofcub Includes
Insulation Panels

[] Designates Metric Conversions

UNIT DATA

COOLING PERFORMANCE

TOTAL CAPACITY* MBH
SENSIBLE CAPACITY* MBH
EFFICIENCY (at ARI) EER
PART LOAD EFFICIENCY IPLV
AMBIENT DB TEMP °F
ENTERING DB TEMP °F
ENTERING WB TEMP °F
LEAVING DB TEMP °F
LEAVING WB TEMP °F
TOTAL POWER INPUT kW
ELEVATION FT
SOUND POWER DBELS

HEATING PERFORMANCE

ELECTRIC HEAT CAPACITY kW

SUPPLY AIR BLOWER PERFORMANCE

SUPPLY AIR CFM [L/s]
OUTSIDE AIR CFM [L/s]
EXTERNAL STATIC PRESSURE IWG
DUCT CONNECTION LOCATION
BLOWER SPEED RPM
MOTOR RATING HP [W]
BRAKE HORSEPOWER BHP
POWER INPUT REQUIREMENT kW

ELECTRICAL DATA

POWER SUPPLY Hz
MINIMUM CIRCUIT AMPACITY AMPS
MAXIMUM OVERCURRENT DEVICE
FUSE SIZE AMPS
HACR CIRCUIT BREAKER AMPS

DIMENSIONS & WEIGHT

HEIGHT ____ IN WIDTH ____ IN DEPTH ____ IN
TOTAL WEIGHT LBS [kg]
(including factory options)

CLEARANCES

FRONT 48" [1219 mm] BACK 18" [457 mm]
BOTTOM 0" TOP 60" [1524 mm]
LEFT SIDE 18" [457 mm] 36" [914 mm]
RIGHT SIDE (condenser end) 18" [457 mm]



"Proper sizing and installation of equipment is critical to achieve optimal performance.
Ask your Contractor for details or visit www.energystar.gov <<http://www.energystar.gov>>."

FEATURES FOR PACKAGE AIR CONDITIONER 6-12.5 TONS NOMINAL TONS [21.1-44.0 kW]

- R-410A HFC refrigerant.
- Complete factory charged, wired and run tested.
- Scroll compressors with internal line break overload and high-pressure protection.
- Single stage compressor on B072 and B085 models.
- Dual stage compressor on B090 – B150 models.
- Convertible airflow.
- TXV refrigerant metering system on each circuit (except on B072 and B085).
- High Pressure and Low Pressure/Loss of charge protection standard on all models.
- Solid Core liquid line filter drier on each circuit.
- Single slab, single pass designed evaporator and condenser coils facilitate easy cleaning for maintained high efficiencies.
- Cooling operation up to 125 degree F ambient.
- Foil faced insulation encapsulated throughout entire unit minimizes airborne fibers from the air stream.
- Hinged major access door with heavy-duty gasketing, 1/4 turn latches and door retainers.
- Slide Out Indoor fan assembly for added service convenience.
- Powder Paint Finish meets ASTM B117 steel coated on each side for maximum protection. G90 galvanized.
- One piece top cover and one piece base pan with drawn supply and return opening for superior water management.
- Forkable base rails for easy handling and lifting.
- Single point electrical connections.
- Internally sloped slide out condensate pan conforms to ASHRAE 62 standards.
- High performance belt drive motor with variable pitch pulleys and quick adjust belt system.
- Permanently lubricated evaporator, condenser and gas heat inducer motors.
- Condenser motors are internally protected, totally enclosed with shaft down design.
- 2 inch filter standard with slide out design.
- 24 volt control system with resettable circuit breakers.
- Colored and labeled wiring.
- Copper tube/Aluminum Fin coils (12 1/2 uses micro channel condenser).
- Molded compressor plug.
- Supplemental electric heat provides 100% efficient heating.

[] Designates Metric Conversions

ACCESSORIES

- | | |
|--|--|
| Economizers
With Single Enthalpy ☐
With Dual Enthalpy ☐
CO ₂ Sensor ☐

Fresh Air Dampers
Manual ☐
Motorized ☐ | Condenser Coil Guards ☐
Roofcurbs ☐
Low Ambient Control ☐
Electric Heater Kits ☐
Concentric Diffuser ☐
Roofcurb Adapters ☐
High Pressure Control ☐
Low Pressure Control ☐ |
|--|--|

NOTES

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."