



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						

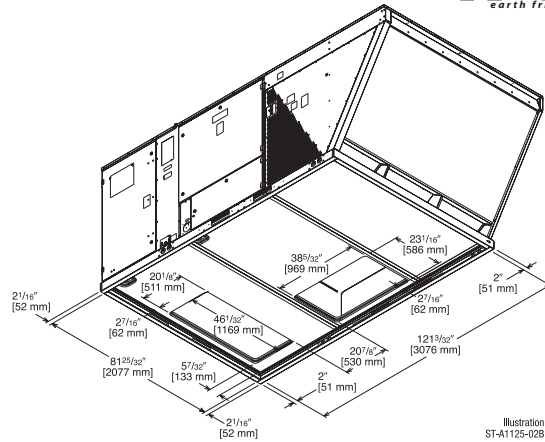
ACCESSORIES:

NOTES:

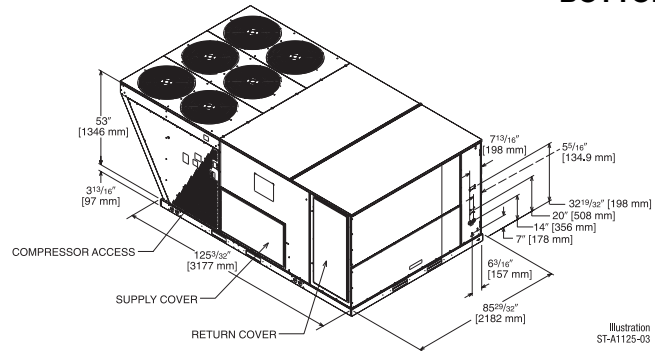
SUBMITTAL SHEET FOR PACKAGE AIR CONDITIONER UNITS: RLNL-B WITH CAPACITIES FROM 15-25 TONS [52.8-87.9 kW]



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



BOTTOM VIEW



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

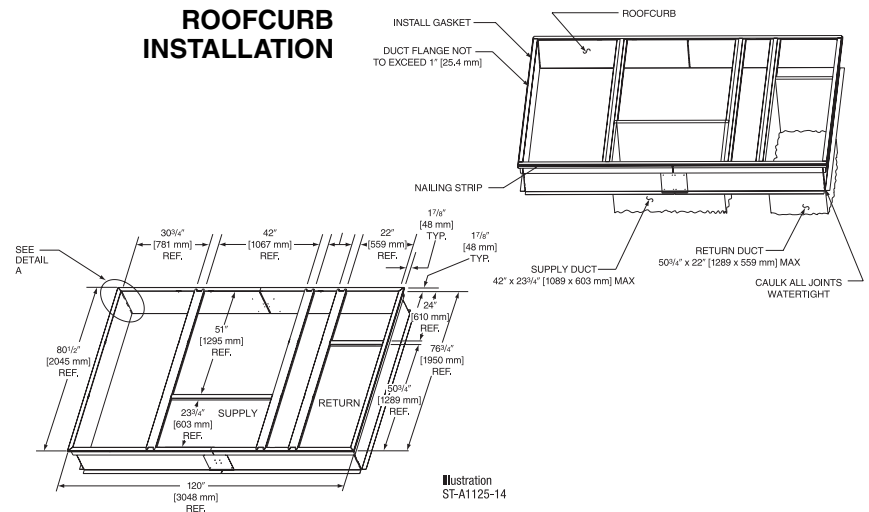
DIMENSIONS & WEIGHT

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

CLEARANCES

FRONT 80" [2032 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]

ROOFCURB INSTALLATION



[] Designates Metric Conversions



25 TON MODEL IS OUTSIDE THE SCOPE OF ARI 340/360

**FEATURES FOR PACKAGE AIR CONDITIONER
15-25 TONS NOMINAL TONS [52.8-87.9 kW]**

- R-410A HFC refrigerant.
- Complete factory charged, wired and run tested.
- Scroll compressors with internal line break overload and high-pressure protection.
- Dual stage compressor on B180 – B300 models.
- Convertible airflow.
- TXV refrigerant metering system on each circuit.
- 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.
- 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.
- Supplemental electric heat provides 100% efficient heating.
- High and low pressure switches.

[] Designates Metric Conversions

ACCESSORIES

Factory Installed

- Electric Heat
- Single Enthalpy w/Barometric Relief
- Single Enthalpy w/Barometric Relief and
Smoke Detector
- Convenience Outlet (Non-Powered)
- Oversized Blower Motor
- Low Ambient
- Freeze Stat

Field Installed

- 14" Full Perimeter Roof
- Roof Curb Adapter
- Dual Enthalpy Sensor
- Power Exhaust
- CO₂ Sensor
- Concentric Diffuser
- Low Ambient Kit
- Freeze Stat
- Manual Outside Air Intake Damper
- Motorized Outside Air Intaker Damper
- Single Enthalpy w/Barometric Relief
- Single Enthalpy w/Barometric Relief and
Smoke Detector
- Electric Heat

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."