

# SUBMITTAL COVER SHEET

PROJECT NAME				
ARCHITECT				
ENGINEER				
CONTRACTOR				
SUBMITTED BY	DA1	ſE		
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				
MinMax. Breaker				
Net Unit Weight				
Accessory				
Catalog Form Number				
ACCESSORIES:	NOTES:			

#### PACKAGE HIGH EFFICIENCY AIR CONDITIONER UNITS: **RLNL-B** Series Nominal Sizes 6-12.5 Tons [21.1-44.0 kW] JOB NAME CONTRACTOR \_\_\_\_\_ ENGINEER \_\_\_\_\_ 23° [584.2 mm] LOCATION \_\_\_ [50.8 mm] ORDER NO. [50.8 mm] SUBMITTED FOR □ RECORD 89<sup>11</sup>/16" [2278 mm] 4<sup>7</sup>/16" [**112.7** mm] ~54¾" [1390.6 mm] SUBMITTED BY 'ACTUAL OPENING DIMENSIONS 2" [50.8 mm] DATE \_\_\_ 10<sup>7</sup>/16" [265.1 mm] UNIT DESIGNATION \_\_\_\_\_ 150.8 mm] **BOTTOM VIEW** 2" [50.8 mm] MODEL NO. 120 MODE 463/16 [1173.2 m **UNIT DATA** 090 MODEL 40%16" [1020.7 mm **COOLING PERFORMANCE** 6%\* [168 3 mm] 41/s" [104.8 mm] TOTAL CAPACITY\* ..... MBH 1111/16" SENSIBLE CAPACITY\* ..... MBH EFFICIENCY (at AHRI)..... EER \_\_\_\_6%/16" [173 mm] COMPRESSOR ACCESS ENT PART LOAD EFFICIENCY ..... IPLV 93<sup>11/16\*</sup> [2379.6 mm] AMBIENT DB TEMP..... °F SUPPLY COVER 58% [1492.2 mm] ENTERING DB TEMP ..... °F RETURN COVER ENTERING WB TEMP ..... °F LEAVING DB TEMP ..... ۰F GASKET LEAVING WB TEMP °F ROOFCURB TOTAL POWER INPUT ..... \_ kW INSTALLATION \_\_\_ FT ELEVATION ..... SOUND POWER ..... DBELS **HEATING PERFORMANCE** [47.6 mn ELECTRIC HEAT CAPACITY ..... \_\_\_ kW [528.6 mm] SUPPLY AIR BLOWER PERFORMANCE SUPPLY AIR..... CFM [L/s] OUTSIDE AIR..... CFM [L/s] [606.4 EXTERNAL STATIC PRESSURE ...... \_\_\_\_\_ IWG DUCT CONNECTION LOCATION ..... 1266.8 mm] BLOWER SPEED ...... RPM 53<sup>17/32\*</sup> [1359.7 mm] REF. MOTOR RATING ..... HP [W] **Roofcurb Includes** BRAKE HORSEPOWER ...... BHP Insulation Panels [47.6 m POWER INPUT REQUIREMENT ...... \_ kW [ ] Designates Metric Conversions **ELECTRICAL DATA** POWER SUPPLY..... Hz AMPS MINIMUM CIRCUIT AMPACITY ...... MAXIMUM OVERCURRENT DEVICE AMPS FUSE SIZE ..... HACR CIRCUIT BREAKER ...... AMPS ISO 9001:2008 **DIMENSIONS & WEIGHT** HEIGHT\_\_\_\_ IN WIDTH\_\_\_\_ IN DEPTH \_\_\_\_ IN TOTAL WEIGHT ..... LBS [kg] CERTIFIED (including factory options) **CERTIFIED**

210/24

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."

ENERGY

# 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 ASTMB117 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 (121/2 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 <sub>2</sub> Sensor

### Fresh Air Dampers

Manual	□
Motorized	□

### 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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