



# 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 HEAT PUMP: EQUIPPED WITH ClearControl™

RJNL-C WITH CAPACITIES OF 3-6 TONS [10.6-21.1 kW]  
RJPL-C WITH CAPACITIES OF 3-5 TONS [10.6-17.6 kW]

**R-410A**

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

## UNIT DATA

### COOLING PERFORMANCE

TOTAL CAPACITY\* ..... MBH  
 SENSIBLE CAPACITY\* ..... MBH  
 EFFICIENCY (at AHRI)..... EER  
 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

HEAT PUMP HEATING PERFORMANCE  
 CAPACITY @ 47°F ..... MBH  
 CAPACITY @ 17°F ..... MBH  
 COEFFICIENT OF PERFORMANCE  
 @ 47°F..... C.O.P.  
 @ 17°F..... C.O.P.  
 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

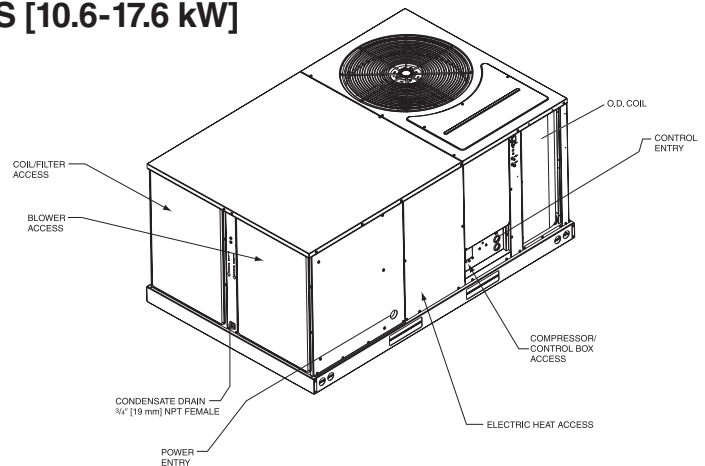
POWER SUPPLY..... Hz  
 MINIMUM CIRCUIT AMPACITY..... AMPS  
 MAXIMUM OVERCURRENT DEVICE  
 FUSE SIZE ..... AMPS  
 HACR CIRCUIT BREAKER ..... AMPS

### DIMENSIONS & WEIGHT

HEIGHT \_\_\_\_\_ IN WIDTH \_\_\_\_\_ IN DEPTH \_\_\_\_\_ IN  
 TOTAL WEIGHT ..... LBS [kg]  
 (including factory options)

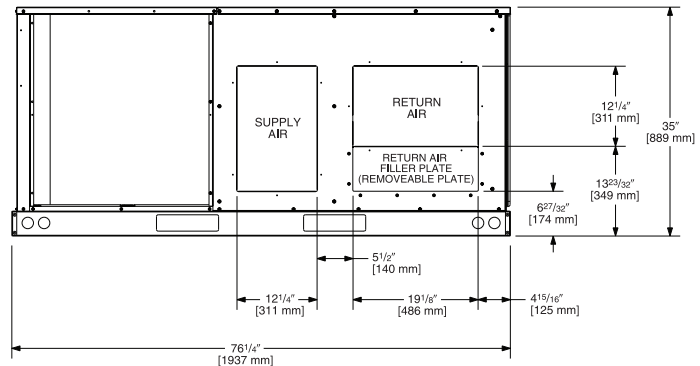
### CLEARANCES

FRONT	48" [1219 mm]
CONDENSER COIL	18" [457 mm]
DUCT SIDE	18" [457 mm]
EVAPORATOR END	18" [457 mm]
ABOVE UNIT	60" [1524 mm]

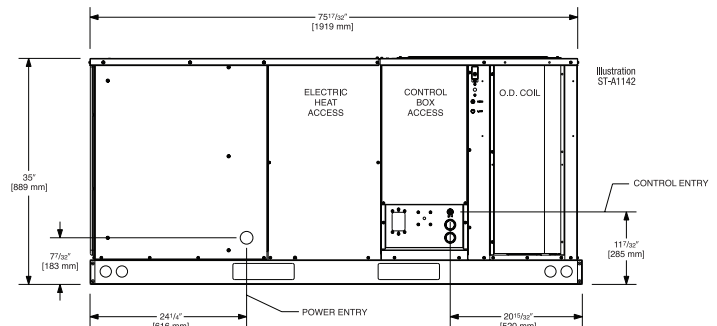


### 3-5 TON MODELS

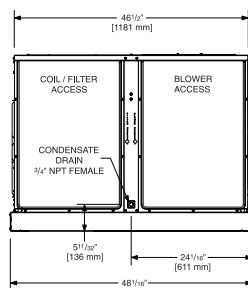
#### BACK VIEW



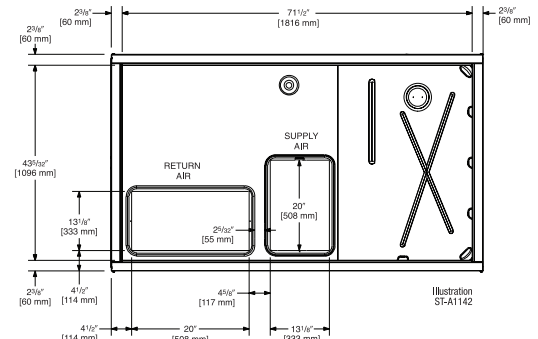
#### FRONT VIEW



#### SIDE VIEW



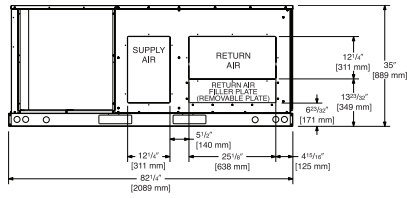
#### BOTTOM VIEW



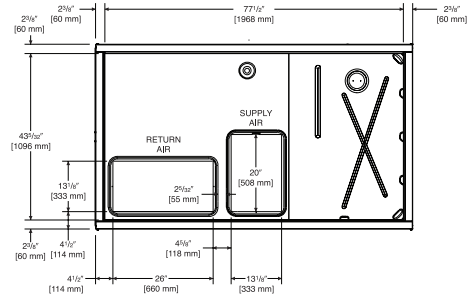
[ ] Designates Metric Conversions

**6 TON MODELS**

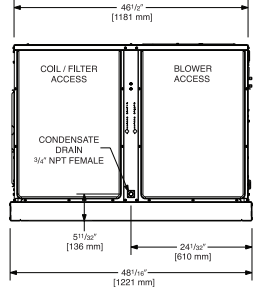
**BACK VIEW**



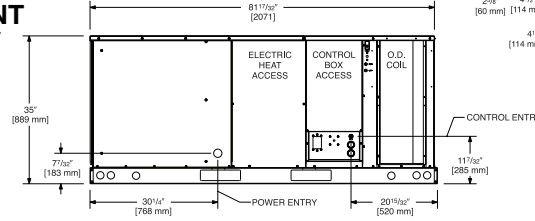
**BOTTOM VIEW**



**SIDE VIEW**



**FRONT VIEW**



**FEATURES FOR PACKAGE HEAT PUMP UNITS  
RJNL-C 3-6 TONS [10.6-21.1 kW]/RJPL-C 3-5 TONS [10.6-17.6 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 all models.
- Convertible airflow.
- TXV refrigerant metering system on each circuit.
- High Pressure protection standard on all models. 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 coil facilitate easy cleaning for maintained high efficiencies.
- Cooling operation up to 125 degree F ambient.
- Easy access to filter, blower, electric heat, and compressor/control compartments permit prompt service.
- 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.
- Externally mounted refrigerant gauge ports for easy service diagnostics.
- Easy to install plug-in; slip in, 100% fully modulating economizer with barometric relief.
- Forkable base rails for easy handling and lifting.
- Single point electrical connection.
- High performance belt drive motor with variable pitch pulleys and quick adjust belt system.
- Permanently lubricated evaporator and condenser motors.
- Condenser motors are internally protected, totally enclosed with shaft down design.
- 1 inch filter standard with slide out design.
- Colored and labeled wiring.
- Copper tube/Aluminum Fin coils.
- Molded compressor plug.
- Supplemental electric heat provides 100% efficient heating.
- Factory installed ClearControl™, a Direct Digital Control (DDC) and sensors which can connect to LonWorks™ or BACnet® BAS systems for remote monitoring and control.

**ACCESSORIES**

**Factory Installed**

- Oversized Blower motor .....
- Outdoor Coil Guard .....
- Non-Powered Convenience Outlet.....
- Low Ambient w/Comfort Alert® Control .....
- Single Enthalpy Economizer w/Barometric Relief and DDC .....
- Single Enthalpy Economizer w/Barometric Relief, Smoke Detector and DDC .....
- Electric Heater Kits.....
- Comfort Alert® Control .....

**Field Installed**

- Outdoor Coil Guard .....
- Non-Powered Convenience Outlet.....
- Low Ambient Control .....

- 14" Full Perimeter Roofcurb .....
- 24" Full Perimeter Roofcurb .....
- Roofcurb Adapter.....
- Concentric Diffuser.....
- Manual Outside Air Intake Damper.....
- Motorized Outside Air Intake Damper.....
- Motorized Outside Air Intake Damper w/DDC Feedback .....
- Dual Enthalpy Adapter .....
- Power Exhaust .....
- CO<sub>2</sub> Sensor (wall mount with LCD) .....
- Thermostats .....
- BACnet® Communication Card .....
- LonWorks™ Communication Card .....

[ ] 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.**

Rheem Sales Company, Inc.  
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