



RELY ON RUUD.™

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:

RELY ON RUUD.™

FORM NO. M22-1640

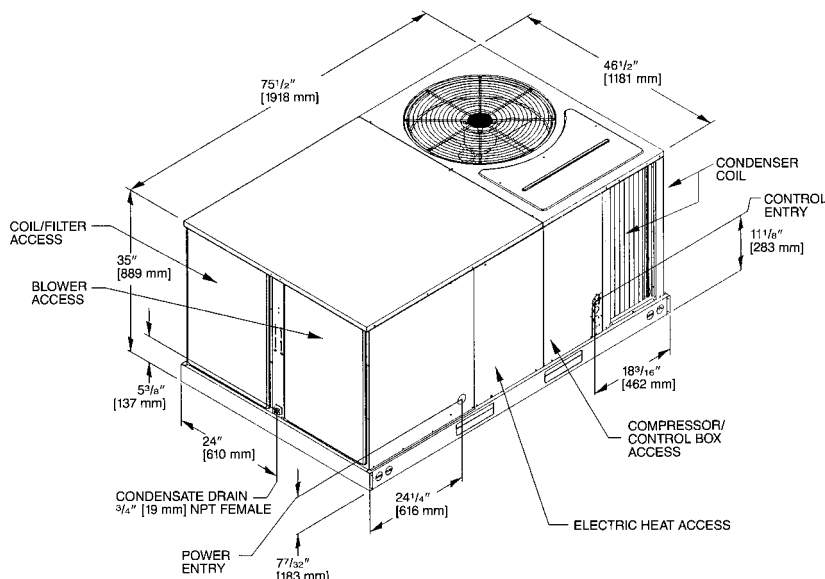
SUBMITTAL SHEET FOR PACKAGE AIR CONDITIONERS

RLNN- 13 SEER SERIES, RLPN- 14 SEER SERIES, RLQN- 15 SEER SERIES

NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

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

UNIT DIMENSIONS FOR PACKAGE AIR CONDITIONERS 3 TO 5 TON [10.6 TO 17.6 kW] MODELS



UNIT DATA

COOLING PERFORMANCE

TOTAL CAPACITY* MBH
 SENSIBLE CAPACITY* MBH
 OUTDOOR DESIGN TEMP. °F [°C] DB/WB
 TOTAL SUPPLY AIR CFM [L/s]
 TEMP. OF AIR ENTERING
 EVAPORATOR COIL..... °F [°C] DB/WB
 POWER INPUT REQUIREMENT kW
 SEER/EER RATING
 (*uses blower motor heat)

ELECTRIC HEAT PERFORMANCE

ELECTRIC HEAT CAPACITY..... kW

SUPPLY AIR BLOWER PERFORMANCE

TOTAL SUPPLY AIR 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

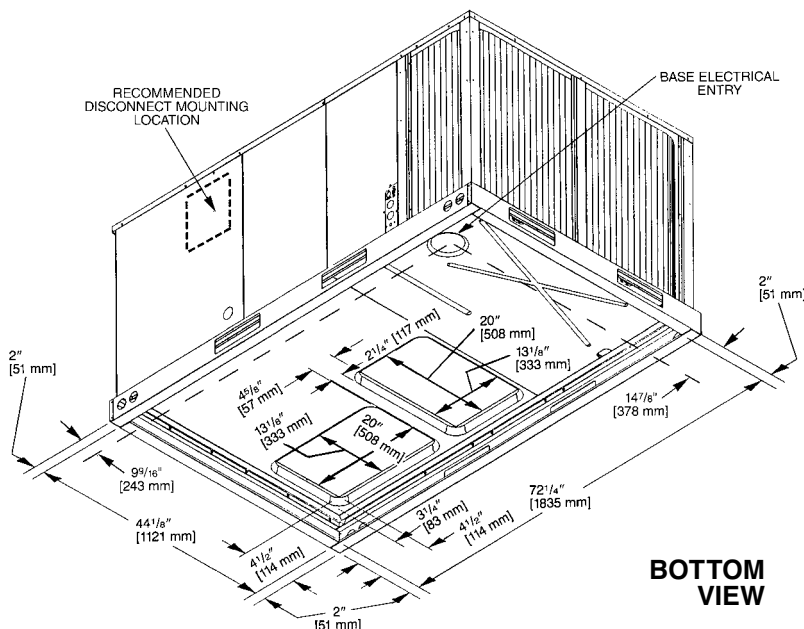
POWER SUPPLY /
 TOTAL UNIT AMPACITY AMPS
 MINIMUM WIRE SIZE AWG
 MAXIMUM OVERCURRENT DEVICE
 FUSES HACR BREAKER AMPS

TOTAL UNIT WEIGHT

TOTAL OPERATING WEIGHT LBS [kg]
 (including field-installed accessories)

CLEARANCES

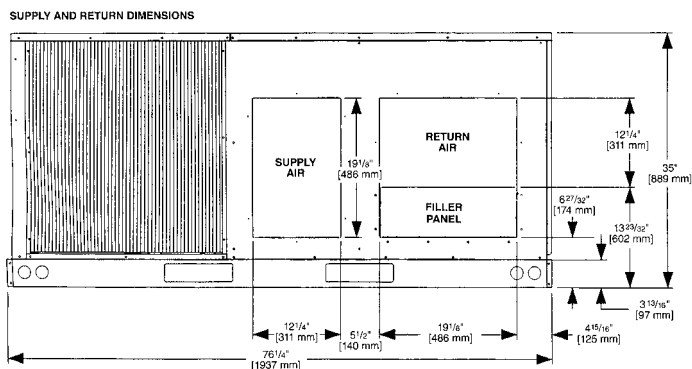
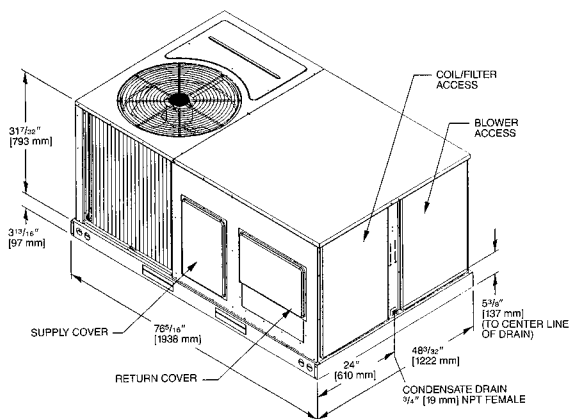
FRONT	48" [1219 mm]
CONDENSER COIL	18" [457 mm]
DUCT SIDE	12" [305 mm]
EVAPORATOR END	36" [914 mm]
ABOVE UNIT	60" [1524 mm]



BOTTOM VIEW



[] Designates Metric Conversions



[] Designates Metric Conversions

FEATURES

- 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. (Except 5 ton 15 SEER) which utilizes two stage scroll.
- 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, Micro Channel designed evaporator coil facilitates easy cleaning for maintained high efficiencies.
- Cooling operation up to 125 degree F ambient.
- Easily removable filter, blower, gas heat, and compressor/control access panels permits 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.
- Factory or field-installed electric heat kits available up to 24 kW.

- Easy to install plug-in; slip in, 100% fully modulating economizer.
- Forkable base rails for easy handling and lifting.
- Single point electrical and gas connections.
- Direct drive or 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.
- 1 inch filter standard with slide out design.
- Colored and labeled wiring.
- Copper tube/Aluminum Fin coils.
- Molded compressor plug.
- Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In addition the all aluminum construction has superior protection against formicary corrosion and aluminum tube rubbing potential. Its easier to clean and has a more robust surface.

ACCESSORIES

Economizers

- Single Enthalpy ☐
- Dual Enthalpy ☐
- CO₂ Sensor ☐

Fresh Air Dampers

- Manual ☐
- Motorized ☐

- Condenser Coil Guards ☐
- L.P. Conversion Kits ☐
- Roofcurbs ☐
- Low Ambient Control ☐
- Electric Heater Kits ☐
- Concentric Diffuser ☐
- Rectangular to Round Transition..... ☐
- Roofcurb Adaptors ☐
- High Pressure Control ☐
- Low Pressure Control ☐
- Thermostat..... ☐

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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