



The new degree of comfort.™

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:

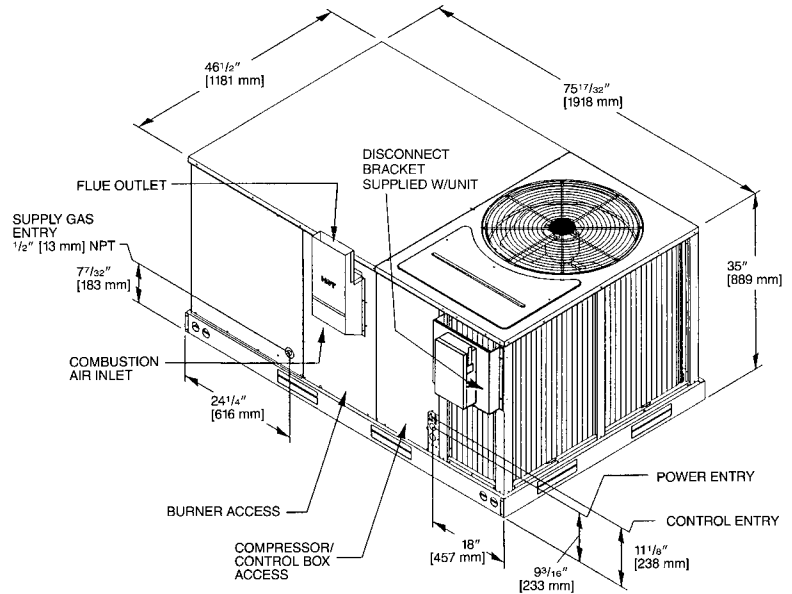


INTEGRATED HOME COMFORT

SUBMITTAL SHEET FOR PACKAGE GAS ELECTRIC RKNN- 13 SEER SERIES, RKPN- 14 SEER SERIES, RKQN- 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 GAS ELECTRIC 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)

HEATING PERFORMANCE

GAS HEAT INPUT CAPACITY..... MBH
 GAS HEAT OUTPUT CAPACITY MBH
 STEADY STATE EFFICIENCY

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

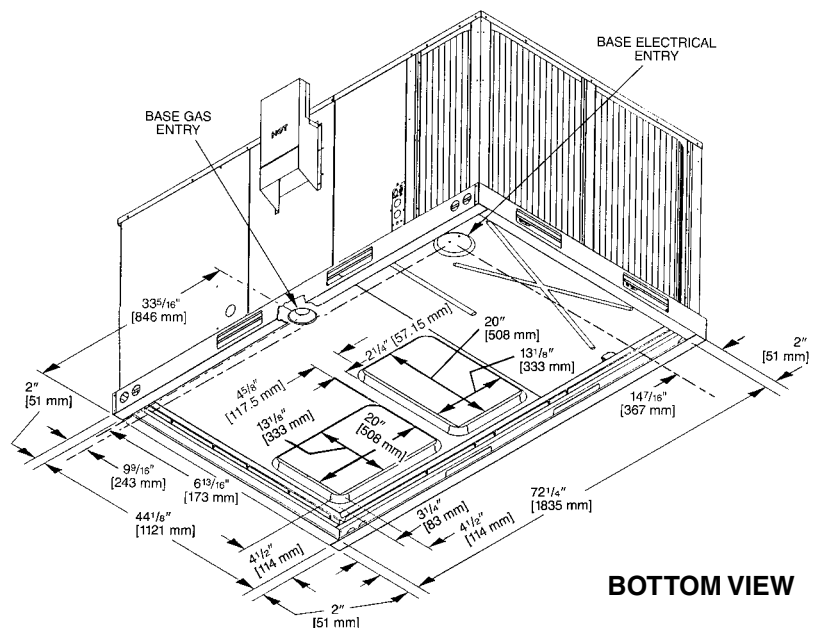
POWER SUPPLY Hz
 TOTAL UNIT AMPACITY AMPS
 MINIMUM WIRE SIZE AWG
 MAXIMUM OVERCURRENT DEVICE
 FUSES HACR BREAKER AMPS

TOTAL UNIT WEIGHT

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

CLEARANCES

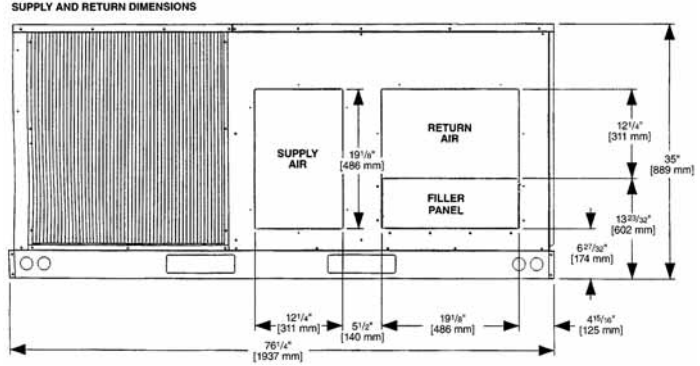
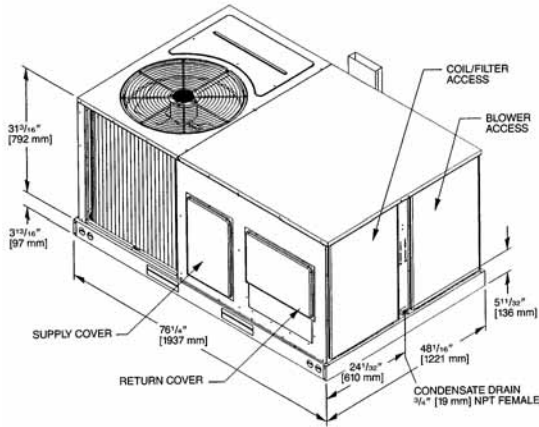
FRONT	48" [1219 mm]
CONDENSER COIL	18" [457 mm]
DUCT SIDE	12" [305 mm]
EVAPORATOR END	36" [914 mm]
ABOVE UNIT	60" [1524 mm]



BOTTOM VIEW

[] Designates Metric Conversions

ROOFCURB FOR
RKNN- 3-5 TON [10.6-17.6] 13 MODELS
RKPN- 3-5 TON [10.6-17.6] 14 MODELS
RKQN- 3-5 TON [10.6-17.6] 15 MODELS



[] 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 RKQN-A060 two stage Ultra Tech).
- 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 facilitate 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.
- 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. Will accept 2 inch filter.
- Single stage gas valve, direct spark ignition, and induced draft for efficiency and reliability.
- Tubular heat exchange for long life and induced draft for efficiency and reliability.
- Solid state furnace control with on board diagnostics.
- Colored and labeled wiring.
- Molded compressor plug.
- Through the base gas and electric.
- Micro Channel evaporators and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In addition the all aluminum design has superior formic acid corrosion protection and less potential for leaks due to elimination of 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.....
- Roofcurbs
- Low Ambient Control.....
- Electric Heater Kits
- Concentric Diffuser
- Rectangular to Round Transition
- Roofcurb Adaptors
- High Pressure Control.....
- Low Pressure Control
- Time Delay
- Unwired Convenience Outlet
- Unfused Disconnect
- Stainless Steel Heat Exchange
- 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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"In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice."