

SUBMITTAL COVER SHEET

PROJECT NAME LOCATION ARCHITECT ENGINEER	
CONTRACTOR	
SUBMITTED BY	DATE
UNI	T 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:

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	\square APPROVAL	☐ RECORD
SUBMITTED BY		
DATE		
UNIT DESIGNATION	1	
MODEL NO		

SEER/EER RATING

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	

HEATING PERFORMANCE

GAS HEAT INPUT CAPACITY	_ MBH
GAS HEAT OUTPUT CAPACITY	_ MBH
STEADY STATE FEFICIENCY	

SUPPLY AIR BLOWER PERFORMANCE

TOTAL SUPPLY AIR CFM [L/s]
TOTAL RESISTANCE EXTERNAL
TO UNIT IWG
BLOWER SPEEDRPM
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

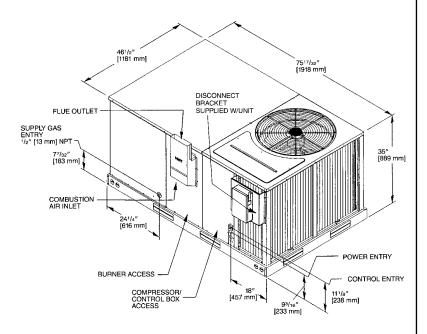
TOTAL UNIT WEIGHT

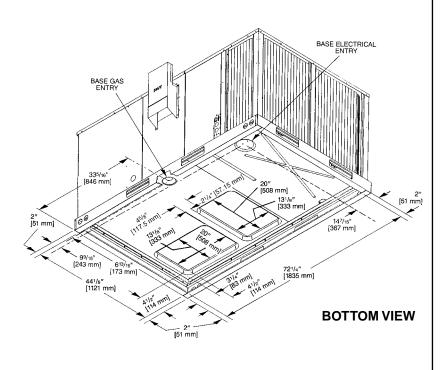
TOTAL OPERATING WEIGHT LBS [kg] (including field-installed accessories)

CLEARANCES

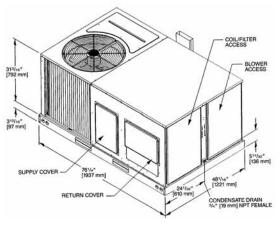
FRONT	48" [1219 mm]
CONDENSER COIL	18" [457 mm]
DUCT SIDE	12" [305 mm]
EVAPORATOR END	36" [914 mm]
ABOVE UNIT	60" [1524 mm]

UNIT DIMENSIONS FOR PACKAGE GAS ELECTRIC 3 TO 5 TON [10.6 TO 17.6 kW] MODELS





[] 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

SUPPLY AND RETURN DIMENS

- 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.

Economizers

- 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 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.
- 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 formicary 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

Dual Enthalpy	

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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