

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	
MinMax. Breaker	
Net Unit Weight	
Accessory	
Catalog Form Number	
ACCESSORIES:	NOTES:

PACKAGE GAS ELECTRIC UNIT FEATURING **HumidiDry™TECHNOLOGY:**

RKNL-G Series With ClearControl™ Nominal Sizes 3-5 Tons [10.6-17.6 kW]

JOB NAME		
JOB NAIVIL		
CONTRACTOR		
ENGINEER		
LOCATION		
ORDER NO.		
SUBMITTED FOR	\square APPROVAL	☐ RECORD
SUBMITTED BY		
DATE		
UNIT DESIGNATION	l	
MODEL NO		

UNIT DATA

COOLING PERFORMANCE

TOTAL CAPACITY*	MBH
SENSIBLE CAPACITY*	MBH
EFFICIENCY (at AHRI)	EER
PART LOAD EFFICIENCY	IEER
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 DI	BELS

HEATING PERFORMANCE

GAS HEAT INPUT	$_$ BTU
GAS HEAT OUTPUT	BTU
STEADY STATE EFFICIENCY	MBH

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

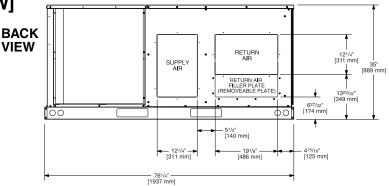
POWER SUPPLY	Hz
MINIMUM CIRCUIT AMPACITY	AMPS
MAXIMUM OVERCURRENT DEVICE	
FUSE SIZE	AMPS
HACR CIRCUIT BREAKER	AMPS

DIMENSIONS & WEIGHT

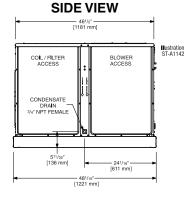
HEIGHT IN	WIDTH IN	DEPTH IN
TOTAL WEIGHT		LBS [kg]
(including factory option	ns)	

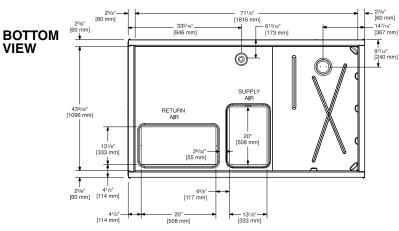
CLEARANCES

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]



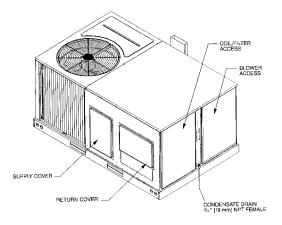
FRONT VIEW - 75¹⁷/₃₂" [1919 mm] CONTROL BOX ACCESS -POWER ENTRY [889 mm] -CONTROL ENTRY 97/₃₂" 117/₃₂" [234 mm] [285 mm] 77/32" [183 mm] SUPPLY GAS ENTRY 1/2" NPT





[] Designates Metric Conversions

VIEW



FEATURES FOR GAS ELECTRIC ROOFTOP UNITS RKNL-G 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 and Low Pressure/Loss of charge protection standard air proving, dirty filter, freeze stat, return, discharge and outdoor air sensors 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.
- 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.
- 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.
- 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.
- · Copper tube/Aluminum Fin coils.
- Factory Installed ClearControl[™], Direct Digital Control (DDC) and sensors which can connect to LonWorks[™] or BACnet[®] BAS systems for remote monitoring and control.
- Factory Installed HumidiDry™ Dehumidifcation System (Refrigerant Reheat).

ACCESSORIES

Factory Installed 14" Full Perimeter Roofcurb...... Disconnect w/Non-Powered 24" Full Perimeter Roofcurb...... Convenience Outlet Roofcurb Adapter Low Ambient w/Comfort Alert® Control......□ Concentric Diffuser Single Enthalpy Economizer Manual Outside Air Intake Damper□ w/Barometric Relief and DDC Motorized Outside Air Intake Damper□ Single Enthalpy Economizer w/Barometric Motorized Outside Air Intake Damper w/DDC Feedback Relief, Smoke Detector and DDC Louver Kit (3 Sides) Dual Enthalpy Adapter..... Service Disconnect..... Power Exhaust..... Comfort Alert® Control CO₂ Sensor (wall mount with LCD) Field Installed Thermostats BACnet® Communication Card Natural Gas High Altitude Kit LonWorks™ Communication Card...... Propane Conversion Kit..... [] 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. P.O. Box 17010. Fort Smith, AR 72917

"In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice."

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