

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 AIR CONDITIONER FEATURING HumidiDry™ TECHNOLOGY:

RLNL-G Series
With ClearControl™
and VFD Technology

and VFD Technology Nominal Sizes 7.5 & 10 Tons [26.4-35.2 kW]

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
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	DBELS

### **HEATING PERFORMANCE**

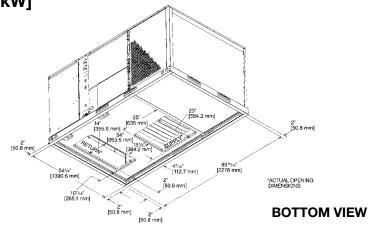
ELECTRIC HEAT CAPACITY .....kW

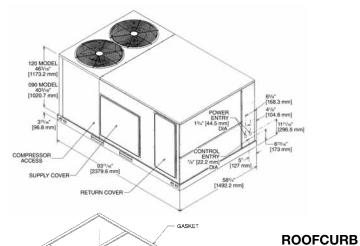
SUPPLY AIR BLOWER PERFORMANCE		
	SUPPLY AIR CFM [L/s]	
	OUTSIDE AIR CFM [L/s]	
	EXTERNAL STATIC PRESSURE IWG	
	DUCT CONNECTION LOCATION	
	BLOWER SPEEDRPM	
	MOTOR RATING HP [W]	
	BRAKE HORSEPOWER BHP	
	POWER INPUT REQUIREMENT kW	

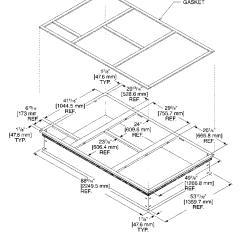
ELECTRICAL DATA	
POWER SUPPLY	Hz
MINIMUM CIRCUIT AMPACITY	AMPS
MAXIMUM OVERCURRENT DEVICE	
FUSE SIZE	AMPS
HACR CIRCUIT BREAKER	AMPS

# DIMENSIONS & WEIGHT HEIGHT...... IN WIDTH..... IN DEPTH ...... IN TOTAL WEIGHT ...... LBS [kg] (including factory options)

CLEARANCES		
FRONT 48" [1219 mm]	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]	







Roofcurb Includes Insulation Panels

**INSTALLATION** 

[ ] Designates Metric Conversions







### FEATURES FOR PACKAGE AIR CONDITIONERS RLNL-G 7.5 & 10 TONS [26.4 THRU 35.2 kW]

### Cooling

- · R410A Refrigerant
- · Quiet, Efficient, Scroll Compressors
- Two-Stage Cooling for Superior Comfort Control at Minimum Operating Cost on most models
- Belt-drive Blower with optional drive to accommodate design conditions as high as 2.0 inches [.37 kPa] of external static pressure at nominal airflow
- Copper Tube/Aluminum Fin Coils

#### **Service Features**

- 1/4 turn Fasteners and Hinged Access Panels for Convenience
- Large Control Panel with numbered and color coded wiring for Easy Troubleshooting
- Front Access, Slide-Out Blower Assembly for Easy Maintenance
- Convertible Airflow for Maximum Flexibility
- Solid-state microprocessor-based control board provides flexible control and extensive diagnostics for all unit functions
- Features a 16 x 2 character LCD display and a fivebutton keypad for local configuration and direct diagnosis of the system
- Slide out Condensate Drain pan to simplify Cleaning
- Factory-Installed two-inch [50.8 mm], throw away filters accessible without tools
- Plug-in Electrical Connections on outdoor fan assemblies
- · Unit is prewired to accept Slip-In Economizer
- · Externally-mounted refrigerant gauge ports
- Side or Base utility access minimizing roof penetrations

- Full perimeter, forkable, riggable baserails with protective forkboards for easy handling
- · Complete Factory Tested, Charged, Wired
- Compatible with a third party building management system that supports the BACnet Application Specific Controller device profile
- Compatible with a third party building management system that supports the LonMark Space Comfort Controller (SCC) functional profile or LonMark Discharge Air Controller (DAC) functional profile

### **Reliability Features**

- One-piece Top and Base pan on indoor section, One-inch [25.4 mm] raised flanges on supply/return opening for superior water management
- Base pan Insulation mounted on bottom helps eliminate corrosion and improves indoor air quality
- Non-Corrosive, sloped drain pan helps improve indoor air quality
- Insulation secured by adhesive and mechanical means
- Electrodeposition power-coat paint process guards against extreme weather conditions and withstands 1000-hour salt-spray test
- High and Low Refrigerant Pressure Switches, air proving, dirty filter, freeze stat, return, supply and outdoor air sensors.
- · Solid core refrigerant liquid line filters
- Available Comfort Alert® Module for power phase monitoring protection
- HumidiDry™ Dehumidification System VFD (Variable Frequency Drive).

### **ACCESSORIES**

AUULUU	
Factory Installed	Field Installed
Oversized Blower motor	Electric Heater Kits
Outdoor Coil Guard	Outdoor Coil Guard
Non-Powered Convenience Outlet□	Non-Powered Convenience Outlet□
Low Ambient w/Comfort Alert® Control□	Low Ambient Control
Single Enthalpy Economizer	Comfort Alert® Control
w/Barometric Relief and DDC	14" Full Perimeter Roofcurb□
Single Enthalpy Economizer w/Barometric	24" Full Perimeter Roofcurb
Relief, Smoke Detector and DDC□	Roofcurb Adapter
	Concentric Diffuser
I Designates Metric Conversions	Manual Outside Air Intake Damper□
] Designates Metric Conversions	Motorized Outside Air Intake□
	Motorized Outside Air Intake Damper
	w/DDC Feedback
	Single Enthalpy Economizer
	w/Barometric Relief and DDC
	Single Enthalpy Economizer w/Barometric
	Relief, Smoke Detector and DDC□
	Horizontal Single Enthalpy Economizer
	w/Barometric Relief and DDC
	Dual Enthalpy Adapter□
	Power Exhaust
	CO₂ Sensor (wall mount with LCD)
	, , , , , , , , , , , , , , , , , , , ,

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."

PRINTED IN U.S.A. 4-12 QG FORM NO. X33-1397