



SUBMITTAL COVER SHEET

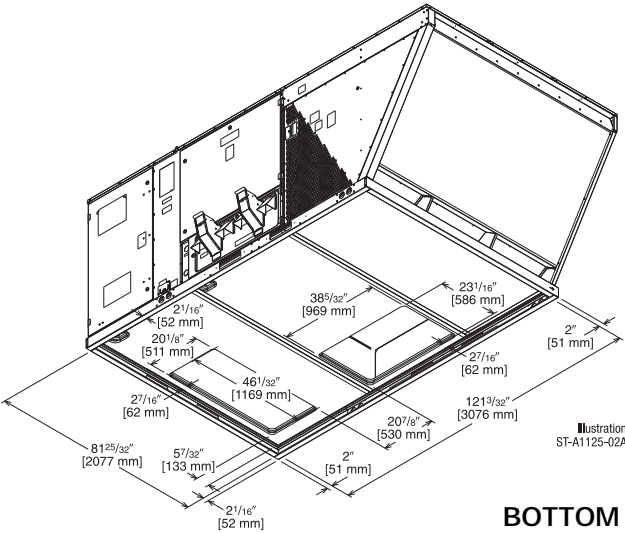
PROJECT NAME _____						
LOCATION _____						
ARCHITECT _____						
ENGINEER _____						
CONTRACTOR _____						
SUBMITTED BY _____ DATE _____						
UNIT SUMMARY						
Quantity						
Unit Designation						
Model No.						
Total Cooling						
Sensible Cooling						
Air Ent. Evaporator						
Air Lvg. Evaporator						
Heating Input						
Heating Output						
CFM/ESP						
EER/SEER						
Electrical						
Minimum Ampacity						
Min.-Max. Breaker						
Net Unit Weight						
Accessory						
Catalog Form Number						
ACCESSORIES:			NOTES:			

PACKAGE GAS ELECTRIC UNITS:

RKNL-C
With Direct Digital Control
Nominal Sizes 15-25 Tons [52.8-87.9 kW]
RKNL-H
With Direct Digital Control
With VFD Technology
Nominal Sizes 15-25 Tons [52.8-87.9 kW]

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

R-410A



BOTTOM VIEW

UNIT DATA

COOLING PERFORMANCE

TOTAL CAPACITY* _____ MBH
SENSIBLE CAPACITY* _____ MBH
EFFICIENCY (at AHRI) _____ EER
PART LOAD EFFICIENCY _____ EER
AMBIENT DB TEMP _____ °F
ENTERING DB TEMP _____ °F
ENTERING WB TEMP _____ °F
LEAVING DB TEMP _____ °F
LEAVING WB TEMP _____ °F
POWER INPUT (w/o blower) _____ kW
ELEVATION _____ FT
SOUND POWER _____ DBELS

HEATING PERFORMANCE

GAS HEAT INPUT _____ BTU
GAS HEAT OUTPUT _____ BTU
STEADY STATE EFFICIENCY _____ %

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

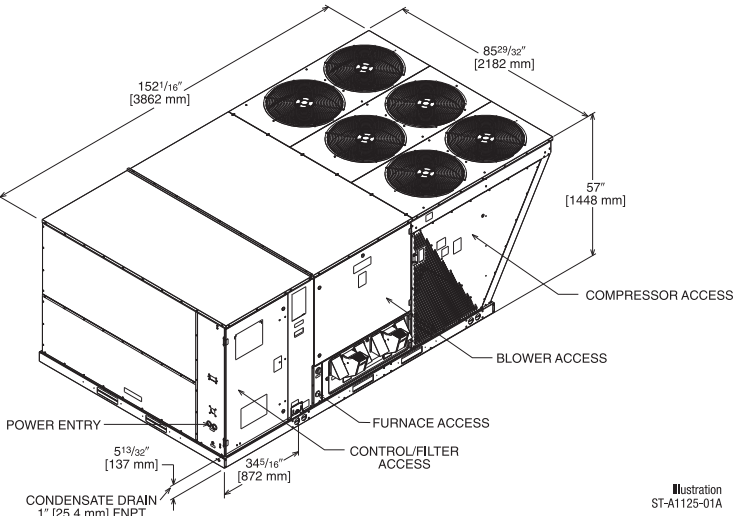
POWER SUPPLY _____ Hz
MINIMUM CIRCUIT AMPACITY _____ AMPS
MAXIMUM OVERCURRENT DEVICE
FUSE SIZE _____ AMPS
HACR CIRCUIT BREAKER _____ AMPS

DIMENSIONS & WEIGHT

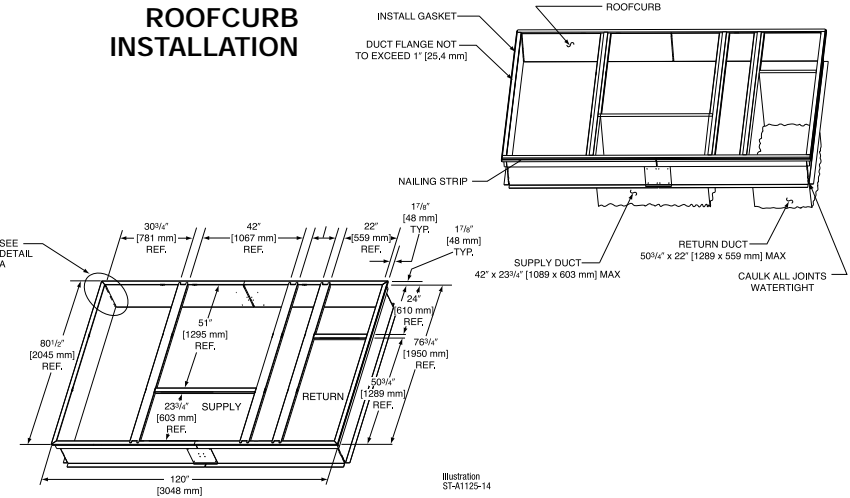
HEIGHT _____ IN WIDTH _____ IN DEPTH _____ IN
TOTAL WEIGHT _____ LBS [kg]
(including factory options)

CLEARANCES

FRONT	80" [2032 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 INSTALLATION



[] Designates Metric Conversions

FEATURES FOR GAS/ELECTRIC ROOFTOP UNITS
RKNL-C/H 15 THRU 25 NOMINAL TONS [52.8 THRU 87.9 kW]

Gas Heat

- Two-Stage Gas Valve (50/100%) for Superior Comfort Control at Minimum Operating Cost
- Multiple Inducers allow for 81% Steady State efficiency at High and Low Stage
- Rheem Exclusive In-shot Burners
- Solid State, Direct Spark Ignition with Remote Flame Sense and on-board diagnostics

Cooling

- R410A Refrigerant
- Quiet, Efficient, Scroll Compressors
- Two-Stage Cooling for Superior Comfort Control at Minimum Operating Cost
- 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 Furnace Controls with Diagnostic LED for Easy Troubleshooting
- 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 five-button keypad for local configuration and direct diagnosis of the system
- Factory-Installed two-inch [50.8 mm], throw away filters accessible without tools

- Slide out Condensate Drain pan to simplify Cleaning
- 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-inch [25.4 mm] raised flanges on supply/return opening for superior water management
- Aluminized Steel Heat Exchanger helps eliminate corrosion
- 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
- Solid core refrigerant liquid line filters
- Available Comfort Alert® Module for power phase monitoring protection
- Models with VFD (Variable Frequency Drive) meet ASHRAE 90.1-2010 and California Title 24.

[] Designates Metric Conversions

ACCESSORIES

Factory Installed

- Oversized Blower motor ☐
- Stainless Steel Gas Heat Exchanger..... ☐
- Disconnect w/Non-Powered Convenience
 Outlet..... ☐
- Low Ambient w/Comfort Alert® Control..... ☐
- Single Enthalpy Economizer
 w/Barometric Relief and DDC..... ☐
- Single Enthalpy Economizer w/Barometric Relief,
 Smoke Detector and DDC ☐

Field Installed

- Disconnect w/Non-Powered Convenience
 Outlet..... ☐
- Low Ambient Control ☐
- Comfort Alert® Control ☐
- Natural Gas High Altitude Kit ☐
- Propane Conversion Kit ☐
- 14" Full Perimeter Roofcurb..... ☐
- Roofcurb Adapter ☐
- Concentric Diffuser ☐
- Manual Outside Air Intake Damper ☐
- Motorized Outside Air Intake Damper ☐
- 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.

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