

UUD SUBMITTAL COVER SHEET

| PROJECT NAME | | | | | |
|---------------------|---------|--------|--|--|--|
| LOCATION | | | | | |
| ARCHITECT | | | | | |
| ENGINEER | | | | | |
| CONTRACTOR | | | | | |
| SUBMITTED BY | | _ DATE | | | |
| | 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: | | | |
| | | | | | |
| | | | | | |
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SUBMITTAL SHEET FOR GAS/ELECTRIC ROOFTOP UNITS: RKKL-B WITH CAPACITIES FROM 15-20 TONS [52.8-70.3 kW]



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

UNIT DATA

| COOLING PERFORMA | NCE |
|--------------------------|-------|
| 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 |
| 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

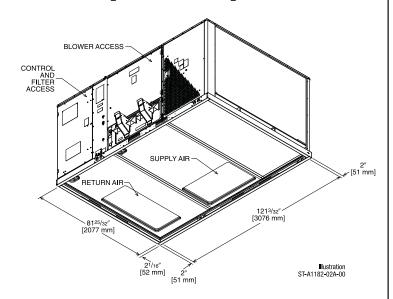
| POWER SUPPLY | Hz |
|--------------------------------|-------|
| MINIMUM CIRCUIT AMPACITY | AMPS |
| MAXIMUM OVERCURRENT PROTECTION | |
| DEVICE FUSE SIZE | _AMPS |
| HACR CIRCUIT BREAKER | AMPS |

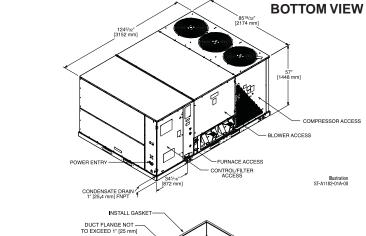
DIMENSIONS & WEIGHT

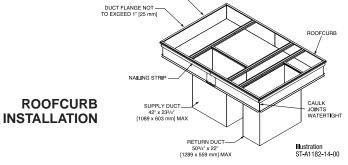
| HEIGHT | IN | WIDTH | IN | DEPTH _ | IN |
|-------------------|----------|-------|----|---------|--------|
| TOTAL WEI | GHT. | | | LB | S [kg] |
| (including factor | y optior | is) | | | |

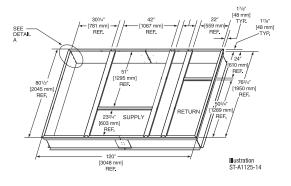
CLEARANCES

| 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] |









[] Designates Metric Conversions

FEATURES FOR GAS/ELECTRIC ROOFTOP UNITS RKKL-B 15 THRU 20 NOMINAL TONS [52.8 THRU 70.3 kW]

Gas Heat

- Two-Stage Gas Valve (50/100%) for Superior Comfort Control at Minimum Operating Cost
- Quad Inducers allow for 81% Steady State efficiency at High and Low Stage
- 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 on indoor coil
- Aluminum Microchannel outdoor coil(s)

Service Features

- 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

[] Designates Metric Conversions

 Solid-state Furnace Controls with Diagnostic LED for Easy Troubleshooting

- 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

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 saltspray test
- High and Low Refrigerant Pressure Switches
- Solid core refrigerant liquid line filters

Field Installed **Factory Installed** Outdoor Coil Guard (Hail Guard) Oversized Blower motor Outdoor Coil Guard (Hail Guard) Non-Fused Disconnect Switch..... Stainless Steel Gas Heat Exchanger Non-Powered Convenience Outlet Low Ambient Control Disconnect w/Non-Powered Convenience Outlet..... Low Ambient & Freezestat Control..... Freezestat Control Natural Gas High Altitude Kit Single Enthalpy Economizer w/Barometric Relief......□ Single Enthalpy Economizer w/Barometric Relief and Propane Conversion Kit Smoke Detector 14" Full Perimeter Roofcurb Roofcurb Adapter..... Concentric Diffuser..... Manual Outside Air Intake Damper..... Motorized Outside Air Intake Damper..... Single Enthalpy Economizer w/Barometric Relief...... Single Enthalpy Economizer w/Barometric Relief and Smoke Detector

ACCESSORIES

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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