



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:

Realizing R410A

JOB NAME _____

CONTRACTOR _____

ENGINEER _____

LOCATION _____

ORDER NO. _____

SUBMITTED FOR ☐ APPROVAL ☐ RECORD

SUBMITTED BY _____

DATE _____

UNIT DESIGNATION _____

MODEL NO. _____

COOLING PERFORMANCE

TOTAL CAPACITY*		_____	MBH
SENSIBLE CAPACITY*		_____	MBH
EFFICIENCY (at AHRI).....		_____	EER
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

ELECTRIC HEAT CAPACITY kW

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

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

HEIGHT____ IN WIDTH____ IN DEPTH ____ IN
TOTAL WEIGHT _____ LBS [kg]
(including factory options)

FRONT 48" [1219 mm]	BACK 12" [305 mm]
BOTTOM 0"	TOP 60" [1524 mm]
LEFT SIDE	36" [914 mm]
RIGHT SIDE (condenser end)	18" [457 mm]

- R-410A 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 on all models.
- Solid Core liquid line filter drier on each circuit.
- Single slab, single pass designed evaporator coil facilitates easy cleaning for maintained high efficiencies.
- Cooling operation up to 125 degree F ambient.
- Easily removable filter, blower, electric heat, and control access panels permits prompt service.
- Powder Paint Finish meets ASTM B117 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.
- Factory or field-installed electric heat kits available up to 24 kW.
- Easy to install plug-in; slip in, 100% fully modulating economizer.
- Forkable base rails for easy handling and lifting.
- Single point electrical connections.
- Direct drive or high performance belt drive motor with variable pitch pulleys and quick adjust belt system.
- Permanently lubricated evaporator, and condenser motors.
- Condenser motors are internally protected, totally enclosed with shaft down design.
- 1 inch filter standard with slide out design.
- Colored and labeled wiring.
- Copper tube/Aluminum Fin coils.
- Molded compressor plug.

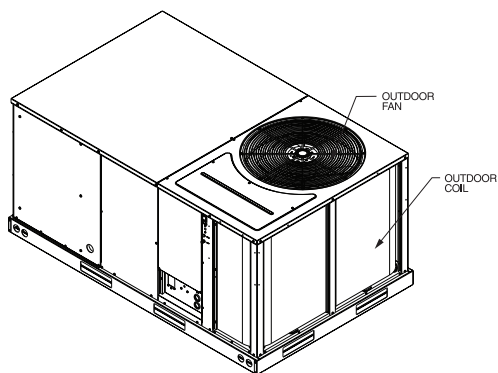
Technical drawing of a rectangular duct assembly, likely a return air duct, showing dimensions and labels. The drawing is a perspective view of a rectangular box with a grid of internal supports.

Labels and dimensions include:

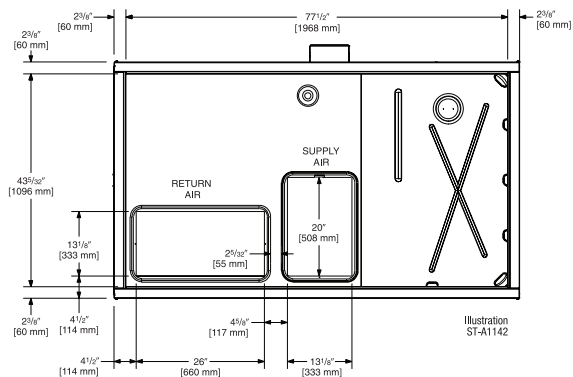
- Top Surface:**
 - Top-left corner: $20\frac{9}{32}$ " [515.1 mm] REF.
 - Top-right corner: $27\frac{1}{2}$ " [698.5 mm] *MAX. DUCT SIZE–
 $27\frac{1}{8}$ " x $19\frac{7}{8}$ " [688 x 505 mm] REF.
 - Top-right edge: $13\frac{5}{8}$ " [346.1 mm] *MAX. DUCT SIZE–
 $13\frac{1}{8}$ " x $19\frac{7}{8}$ " [333 x 505 mm] REF.
- Right Side:**
 - Top-right edge: $17\frac{7}{8}$ " [47.6 mm]
 - Bottom-right edge: $14"$ OR $24"$ [355.6 OR 609.5 mm]
- Bottom Surface:**
 - Bottom-left corner: $70\frac{29}{32}$ " [1802.4 mm] REF.
 - Bottom-right corner: $42\frac{9}{16}$ " [1081.1 mm] REF.
 - Bottom-right edge: $17\frac{7}{8}$ " [47.6 mm] TYP.
- Internal Structure:**
 - Top-left edge: $17\frac{7}{8}$ " [47.6 mm]
 - Top-left edge: $43\frac{3}{8}$ " [1101.7 mm] REF.
 - Top-left edge: $17\frac{7}{8}$ " [47.6 mm]
 - Top-left edge: $17\frac{7}{8}$ " [47.6 mm]
- Labels:**
 - RETURN AIR
 - SUPPLY AIR

[] Designates Metric Conversions

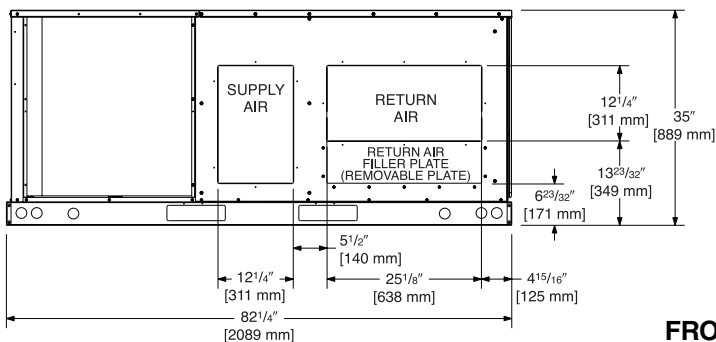
UNIT DIMENSIONS FOR RLKL 6 TON [21.1 kW] MODELS



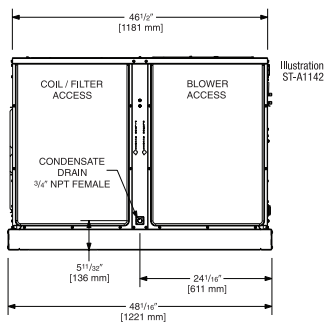
BOTTOM VIEW



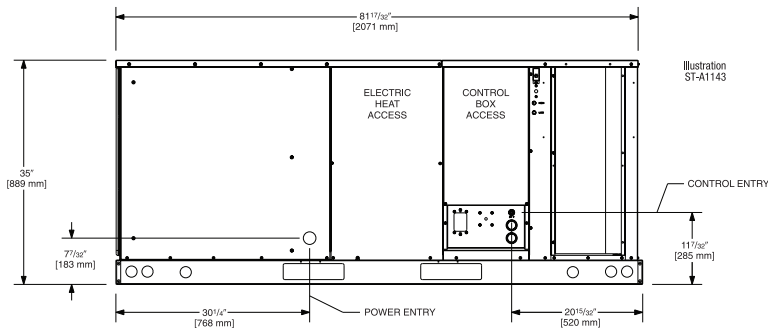
BACK VIEW



SIDE VIEW



FRONT VIEW



[] Designates Metric Conversions

ACCESSORIES

Factory Installed

- Oversized Blower motor ☐
- Outdoor Coil Guard ☐
- Non-Powered Convenience Outlet ☐
- Low Ambient & Freezestat Control ☐
- Single Enthalpy Economizer w/Barometric Relief..... ☐

Field Installed

- Thermostats ☐
- Outdoor Coil Guard ☐
- Non-Powered Convenience Outlet ☐
- Low Ambient Control ☐
- Freezestat Control ☐
- 14" Full Perimeter Roofcurb ☐
- 24" Full Perimeter Roofcurb ☐
- Roofcurb Adapters ☐
- Concentric Diffuser..... ☐
- Rectangular to Round 20" Adapter ☐
- Manual Outside Air Intake Damper..... ☐
- Motorized Outside Air Intake Damper ☐
- Single Enthalpy Economizer w/Barometric Relief..... ☐
- 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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