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:

PRINTED IN U.S.A. 10-06 DC

FORM NO. X11-1123 REV. 2
Supersedes Form No. X11-1123 Rev. 1

SUBMITTAL SHEET FOR RAWL- SERIES HIGH EFFICIENCY 6.5 & 7.5 NOMINAL TON [22.86 & 26.38 kW] CONDENSING UNITS

R-410A earth friendly refrigerant

JOB NAME _____ LOCATION _____

CONTRACTOR _____ ORDER NO. _____

ENGINEER _____ UNIT MODEL NO. _____

SUBMITTED FOR ☐ APPROVAL ☐ RECORD COIL MODEL NO. _____

DATE _____ AIR HANDLER MODEL NO. _____

UNIT DATA

COOLING PERFORMANCE

TOTAL CAPACITY*..... _____ MBH [kW]

SENSIBLE CAPACITY*..... _____ MBH [kW]

OUTDOOR DESIGN TEMP. .... _____ °F [°C] DB

TEMP. OF AIR ENTERING EVAPORATOR COIL..... _____ °F [°C] DB

_____ °F [°C] WB

POWER INPUT REQUIREMENT ..... _____ kW

(*uses blower motor heat)

ELECTRICAL DATA

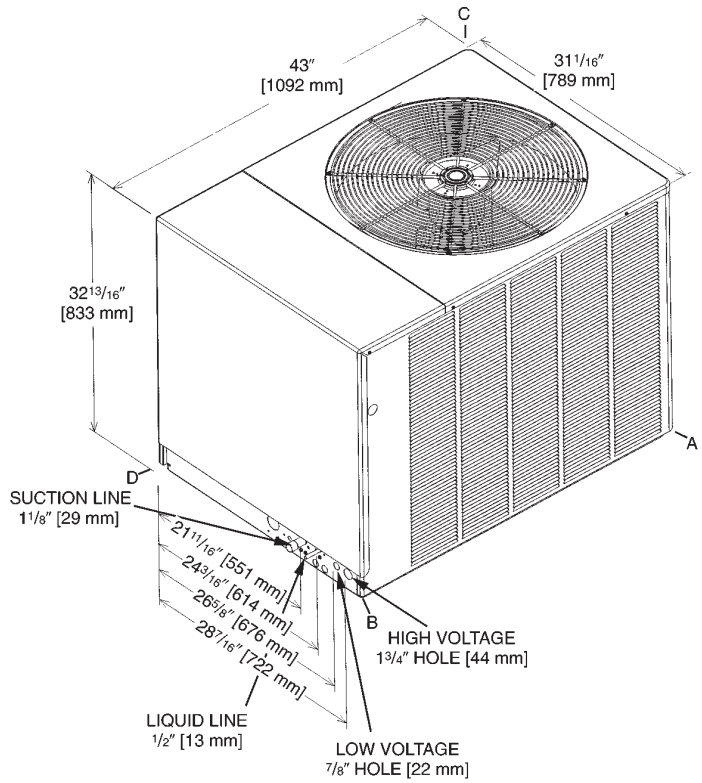
POWER SUPPLY ..... ____/____/____

TOTAL UNIT AMPACITY..... _____ AMPS

MAXIMUM OVERCURRENT DEVICE FUSES/HACR BREAKER ..... _____ AMPS

CLEARANCES

ACCESS SIDE	36"	[914 mm]
OTHER SIDES	24"	[610 mm]
ABOVE UNIT	60"	[1524 mm]



c UL us LISTED

ARI PERFORMANCE CERTIFIED

Accredited by the RvA — ANSI Quality Evaluations, Inc. Management System Certification — ANAB ACCREDITED

ISO 9001:2000

Certificate Number: 30164

6.5 TON [22.86 kW]

CORNER WEIGHTS (LBS.) [kg]

MODEL	A	B	C	D
RAWL-078	45 [20.4]	66 [29.9]	63 [28.6]	90 [40.8]
TOTAL WEIGHT = 264 LBS [119.8 kg]				

7.5 TON [26.38 kW]

CORNER WEIGHTS (LBS.) [kg]

MODEL	A	B	C	D
RAWL-090	47 [21.3]	75 [34.0]	63 [28.6]	98 [44.5]
TOTAL WEIGHT = 283 LBS. [128.4 kg]				

[ ] Designates Metric Conversions

FEATURES FOR RAWL- CONDENSING UNITS
6.5 & 7.5 NOMINAL TONS [22.86 & 26.38 kW]

CABINET—Galvanized steel with powder coat paint finish. The powder coat paint finish is high gloss, durable and capable of withstanding a 1000-HR salt spray test per ASTM B117. The unit is of the frame and panel type of construction which allows all access panels to be opened or removed without affecting the structural strength of the unit. Fastening screws are also of the 1000-HR type. Stamped louver panels offer 100% protection for the condenser coil.

BASE PAN—Galvanized steel with powder coat paint finish.

SERVICE ACCESS—Control box with separation between line and control voltages, as well as compressor and other refrigerant controls are accessible through removable panel without affecting normal operation of unit.

FAN MOTOR—Condenser fan motor(s) are mounted on removable top panel(s) which bring the motor(s) out to you and expose entire condenser coil for cleaning.

COMPRESSOR—The scroll compressor is hermetically sealed with internal high temperature protection, and durable insulation on motor windings. The entire compressor is mounted on rubber grommets to reduce vibration and noise. Compressors have an internal pressure relief assembly to protect against excessive pressure differential. There is a separate compressor compartment for easy service access.

COMPRESSOR CRANKCASE HEATER—External wrap-around heater helps prevent refrigerant migration to the compressor oil during long off periods.

CONDENSER COILS—Constructed with copper tubes and aluminum fins mechanically bonded to tubes for maximum heat transfer capabilities. All coil assemblies are leak tested up to 300 PSIG internal pressure.

REFRIGERANT CONNECTIONS—All field sweat joints are made external of the unit and are located close to the ground for a neat looking installation.

LOW AMBIENT CONTROL—A pressure sensitive fan cycling control allows operation of units down to 0°F [-18°C].

HIGH PRESSURE CONTROL—Manual reset control deactivates system if abnormally high pressure occurs.

LOW PRESSURE CONTROL—Automatic reset control deactivates system if abnormally low pressure or refrigerant loss occurs.

SERVICE VALVE—Standard on liquid and suction lines.

CONDENSER FAN MOTORS—Direct drive, single-phase permanently lubricated “PSC” motors with inherent overload protection.

TRANSFORMER—50VA step-down type, from Line to 24 volts.

CONTACTOR—The contactor is an electrical switch which operates the compressor and condenser fans. Its 24 volt coil is activated through the High Pressure Control and Low Pressure Control on a call for cooling.

EQUIPMENT GROUND—Lug for field connection of ground wire.

TESTING—All units are run tested at the factory prior to shipment. Units are shipped with a holding charge of nitrogen.

CONTROL BOX—The control box is located in the top corner of the cabinet providing for easy access through a service panel.

COMPRESSOR TIME DELAY CONTROL—Compressor will remain off for five minutes after power or thermostat interruption, allowing system pressures to equalize. (Model No. RXMD-B01)

FILTER DRIER—A liquid line filter drier is shipped with each unit for field installation.

[ ] Designates Metric Conversions

FIELD INSTALLED ACCESSORIES

Anti-Short Cycle Timer Kit ..... ☐
Sight Glass..... ☐
Liquid Line Solenoid Valve..... ☐

SPECIAL NOTES ON EQUIPMENT:

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, Rheem reserves the right to make changes without notice.”

PRINTED IN U.S.A. 5-08 DC FORM NO. X33-1263