



The new degree of comfort.™

# 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:



INTEGRATED HOME COMFORT

FORM NO. L11-003

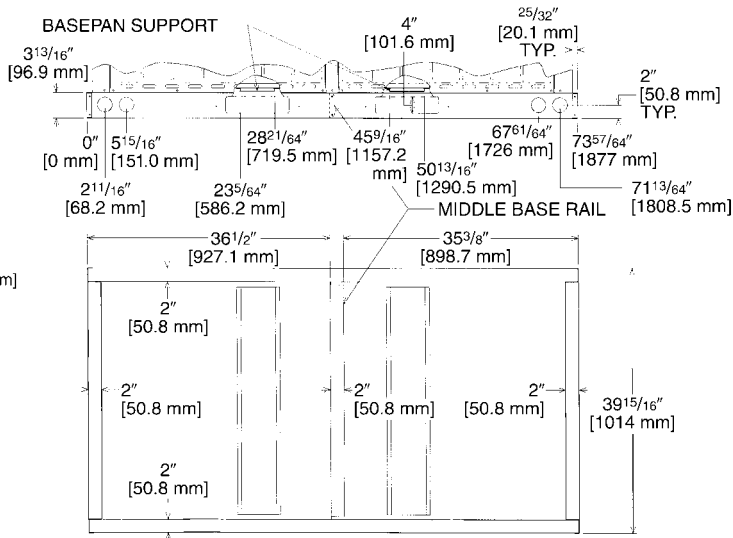
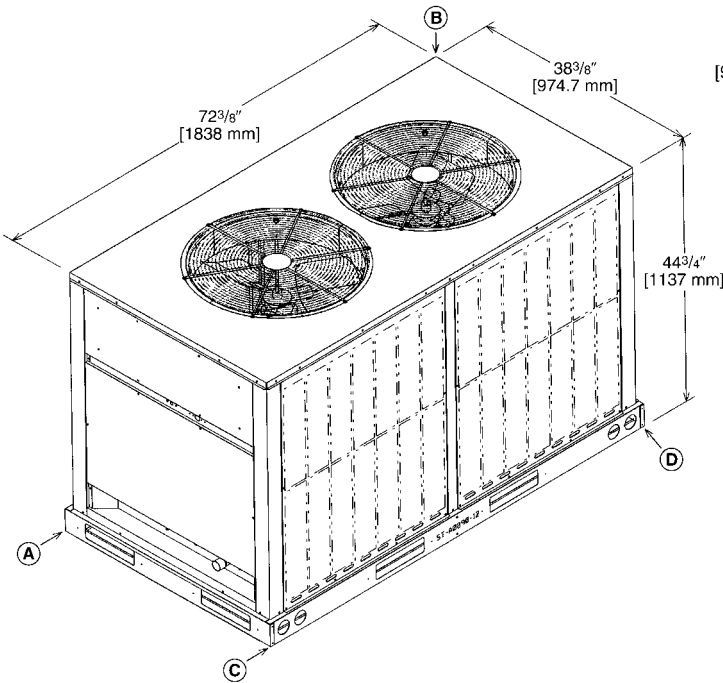


UNIT DIMENSIONS AND WEIGHTS

MODEL	TOTAL WEIGHT LBS. [kg]	Corner Weights, Lbs. [kg]			
		A	B	C	D
RAWL-121	557 [253]	137 [62]	148 [67]	131 [59]	142 [64]
RAWL-150	650 [295]	160 [72]	171 [78]	154 [70]	165 [75]
RAWL-180	746 [338]	183 [83]	196 [89]	177 [80]	189 [86]
RAWL-240	952 [432]	234 [106]	251 [114]	226 [103]	241 [110]

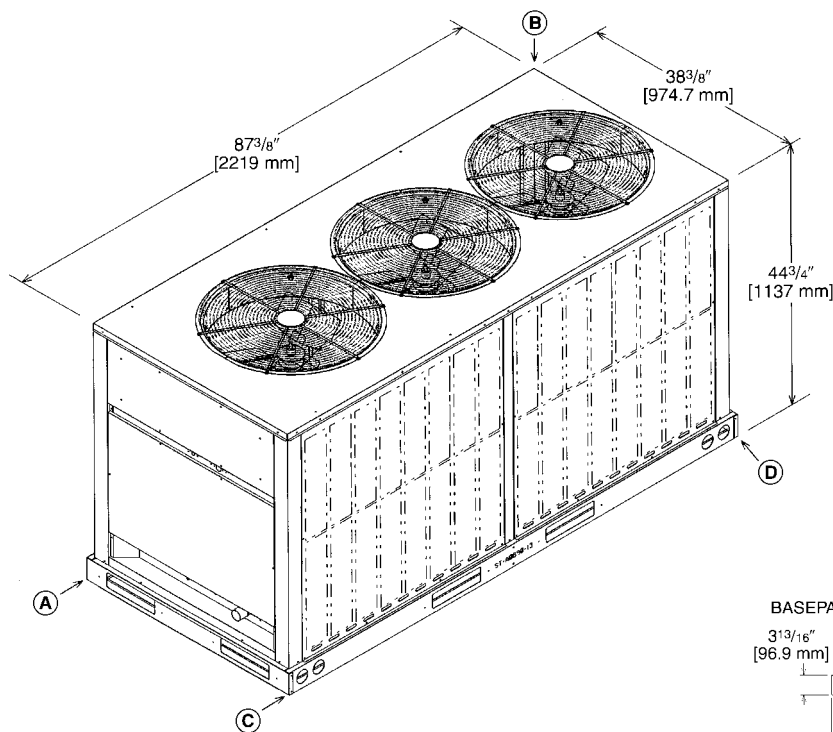
10-12.5 TON [35.2-44 kW]

BOTTOM VIEW

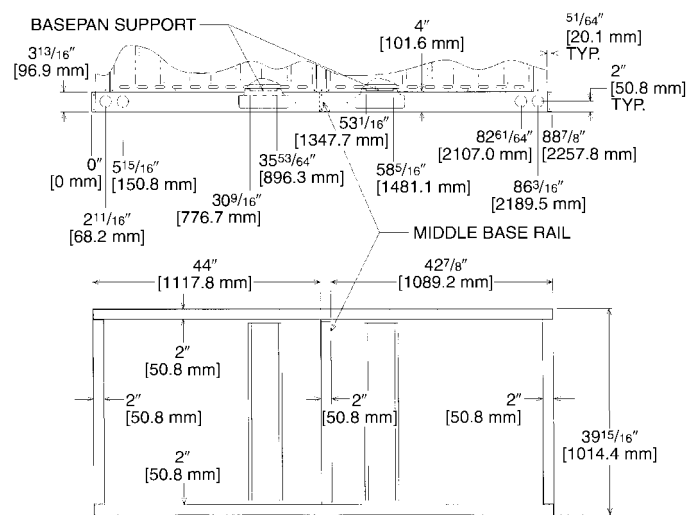


## UNIT DIMENSIONS (cont.)

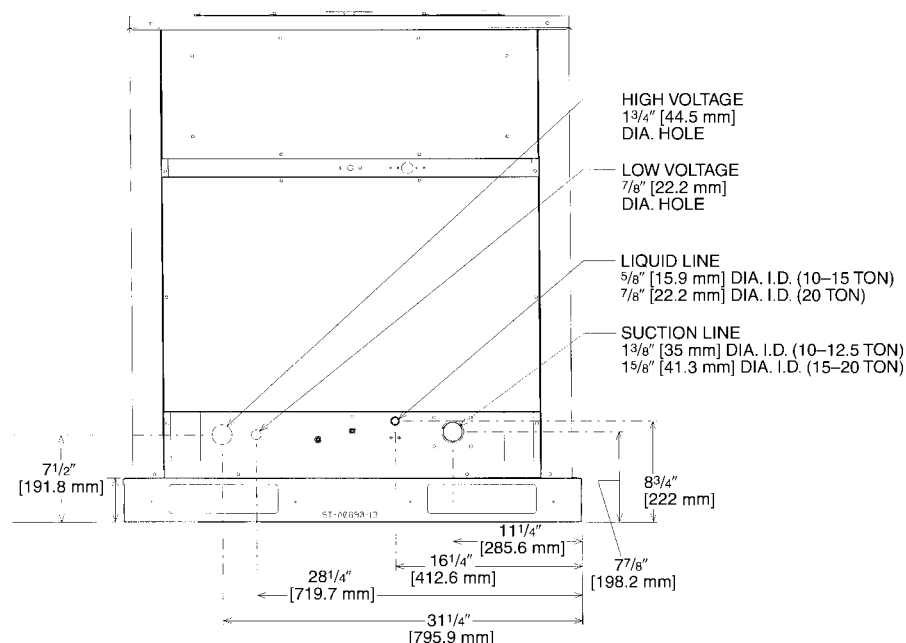
### 15 TON & 20 TON [52.8 kW & 70.3 kW]



### BOTTOM VIEW



### CONTROL ACCESS SIDE VIEW



### ALL MODELS

## STANDARD UNIT FEATURES

- **CABINET**—Galvanized steel with a durable finish. Stamped louvered panels offer 100% protection for the condenser coil.
- **COMPRESSOR**—The Scroll Compressor is hermetically sealed with internal overload protection and durable insulation on motor windings. The entire compressor is mounted on rubber grommets to reduce vibration and noise.
- **CONDENSER COIL**—Constructed with copper tubes and aluminum fins mechanically bonded to the tubes for maximum heat transfer capabilities.
- **BASE PAN**—Galvanized steel.
- **REFRIGERANT CONNECTIONS**—Field piping connections are made through a fixed panel. This allows removal of access panels after piping connections have been made.
- **CRANKCASE HEATERS**—Standard, all models. Prevents refrigerant migration to compressor(s).
- **LOW AMBIENT CONTROL**—A pressure sensitive fan cycling control to allow unit operation down to 0°F [-17.8°C] is standard.
- **SERVICE VALVES**—Standard on liquid and suction lines. Allows outdoor section to be isolated from indoor coil.
- **SERVICE ACCESS**—Control box as well as the compressor and other refrigerant controls are accessible through access panels. Control box may be open without affecting the normal operation of the unit. Condenser fan motors are accessible by removing wire grilles.
- **FILTER DRIER**—Standard (uninstalled) on all models. Helps ensure refrigerant cleanliness.
- **TRANSFORMER**—Step-down type, line to 24 volts. Provides control circuit voltage.
- **CONTACTOR**—The contactor is an electrical switch which operates the compressor and condenser fans.
- **HIGH PRESSURE CONTROL**—Opens the contactor circuit on high refrigerant pressure; manual reset.
- **LOW PRESSURE CONTROL**—Stops compressor operation in the event of loss of refrigerant.
- **CONDENSER FAN MOTOR (Direct Drive)**—Ball bearing 1075 RPM motors are mounted to minimize vibration and noise problems. These are permanent split capacitor types. ECM fan motor (10 Ton)
- **TESTING**—All units are run tested at the factory prior to shipment. Units are shipped with a holding charge of nitrogen.
- **EXTERNAL GAUGE PORTS**—Allows pressures to be checked without removing access panel.
- **COIL LOUVERS**—Helps prevent damage to outdoor coils.
- **TIME DELAY**—Supplied on tandem compressor models to provide a delay between stages.
- **EQUIPMENT GROUND**—Lug for field connection of ground wire.

[ ] Designates Metric Conversions

## WHY USE A HIGH EFFICIENCY, AIR COOLED SPLIT SYSTEM?

- The size ranges offered by Rheem® allow you to mix or match components to meet actual job requirements, thus eliminating the need to use oversized or undersized equipment. Equipment sized to meet the actual load will provide better operating economy, better humidity control, and longer equipment life.
- With an air cooled system, you have no water or sewer connections to make, and no troublesome and costly water treatment problems.
- Since the condensing unit is located outside the building, and the low profile air handling unit can be installed in the drop ceiling or in the conditioned space, you will not need a separate equipment room which takes up valuable building space.
- Remote mounting of the already quiet condensing unit keeps the compressor and condenser fan noise outside, and the vertical discharge fans carry the sound up and away from the surrounding area.
- Because of the simple design of the Rheem condensing unit, installation is quick and simple, and very little maintenance is required.

