



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:

SUBMITTAL SHEET FOR RHGL- SERIES 7.5, 10, 15 & 20 NOMINAL TONS [26, 35, 53 & 70 kW] AIR HANDLER



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

UNIT DATA

HEATING PERFORMANCE

TOTAL CAPACITY* MBH [kW]
OUTDOOR DESIGN TEMP. °F [°C] DB
TEMP. OF AIR ENTERING
EVAPORATOR COIL °F [°C] DB
ELECTRIC HEAT CAPACITY kW
POWER INPUT REQUIREMENT kW
(*uses blower motor heat)

SUPPLY AIR BLOWER PERFORMANCE

TOTAL AIR SUPPLY CFM [L/s]
TOTAL RESISTANCE EXTERNAL
TO UNIT IWG
BLOWER SPEED RPM
POWER OUTPUT REQUIREMENT .. BHP
MOTOR RATING HP [W]
POWER INPUT REQUIREMENT kW

ELECTRICAL DATA

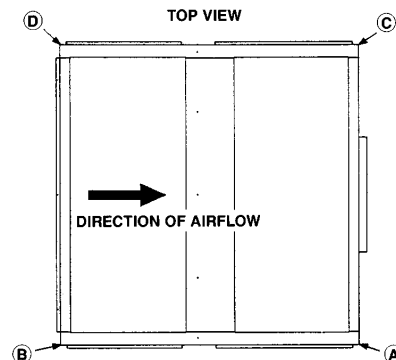
POWER SUPPLY Hz
TOTAL UNIT AMPACITY AMPS
MAXIMUM OVERCURRENT DEVICE
FUSES/HACR BREAKER AMPS

UNIT DIMENSIONS

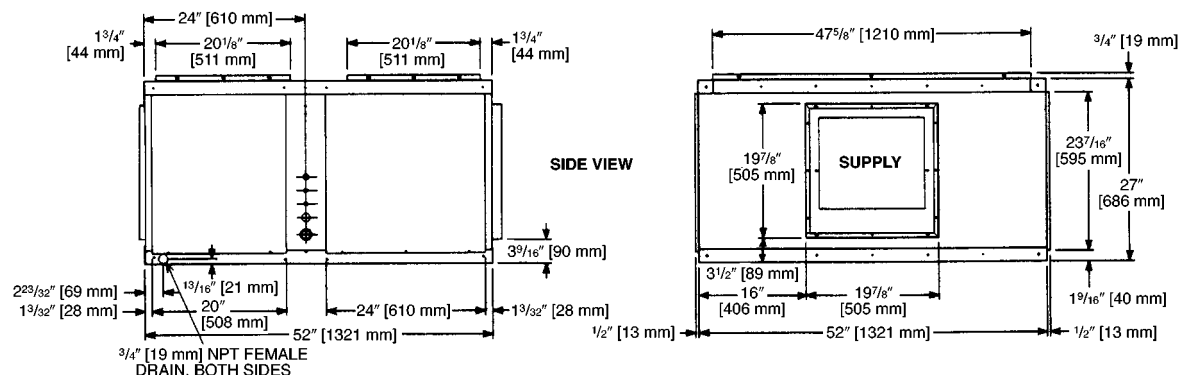
7.5 & 10 NOMINAL TONS [26 & 35 kW]

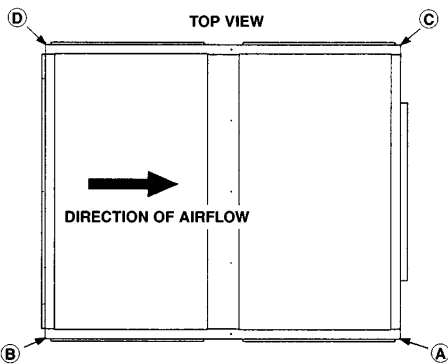
MODEL	CORNER WEIGHTS (LBS.) [kg]				TOTAL WEIGHT
	A	B	C	D	
7.5 Ton	88 [40]	78 [35]	87 [39]	77 [35]	330 [150]
10 Ton	93 [42]	82 [37]	92 [42]	80 [36]	347 [157]

[] Designates Metric Conversions



RETURN AIR OPENINGS = 47⁵/₈" [1203] WIDTH x 19⁷/₈" [505] HEIGHT



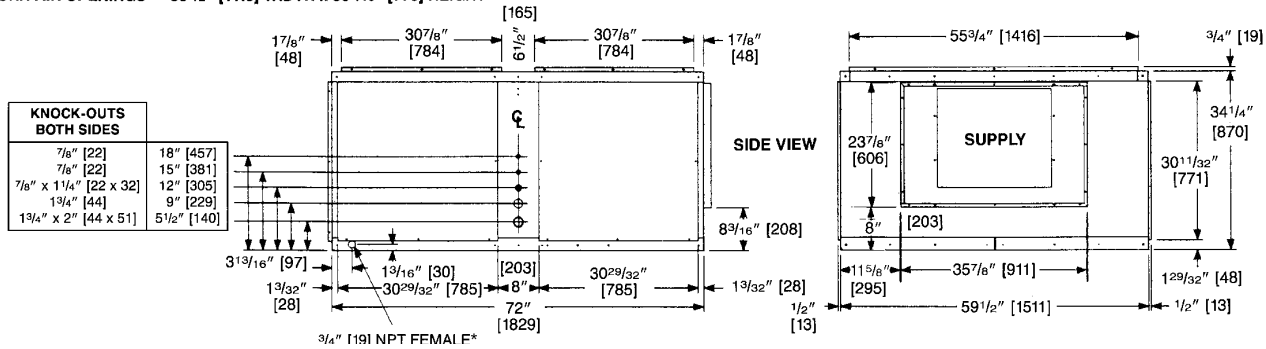


UNIT DIMENSIONS **15 AND 20 NOMINAL TONS** **[53 & 70 kW]**

MODEL	CORNER WEIGHTS, LBS. [kg]				TOTAL WEIGHT
	A	B	C	D	
180	144 [65]	127 [58]	117 [53]	105 [48]	495 [225]
240	159 [72]	142 [64]	129 [59]	115 [52]	545 [247]

[] Designates Metric Conversions

RETURN AIR OPENINGS = 55 1/2" [1410] WIDTH x 30 9/16" [776] HEIGHT



*Drain connections are provided on both sides of the drain pan. The drain can be connected to either side of the drain pan, but not both. The drain must be trapped.

FEATURES FOR RHGL- AIR HANDLERS **7.5, 10, 15 & 20 NOMINAL TONS [26, 35, 53 & 70 kW]**

- **CABINET**—Powder coat painted. Matching discharge plenums and decorative supply and return air grilles are available for use when units are to be installed within conditioned space.
- **MOTOR**—Inherently protected motors are mounted inside of insulated cabinet to reduce motor noise. A choice of motor horsepowers and drive combinations are available to allow you to meet specified CFM at various static pressures up to 2" [498 kPa] external static pressure.
- **LOW PROFILE**—Allows for horizontal installation in most standard drop ceiling applications, and the movement of units through most standard doorways for addition or replacement work.
- **THERMAL EXPANSION VALVES**—Standard all models.
- **FILTERS**—One inch [25 mm] throwaway filters are standard, but filter racks are designed to accept either one inch [25 mm] or two inch [51 mm] filters.
- **EVAPORATOR COIL**—Two circuit, interlaced row split coils are constructed with copper tubes and aluminum fins mechanically bonded to the tubes for maximum heat transfer capabilities. All coil assemblies are leak tested up to 450 PSIG [3100 kPa] internal pressure prior to installation into units.
- **REFRIGERANT CONNECTIONS**—Field piping connections are made through a fixed post between two side access panels on either side of the unit. Allows flexibility to meet most field conditions as well as full accessibility after the installation is complete. Units may be used with two straight cool condensing units or single circuit manifolded in the field using the copper fittings shipped with each unit. The RHGL Air Handler has not been tested, rated or certified to operate with dual remote heat pumps.
- **DRAIN PAN**—The galvanized steel drain pan is designed to trap condensate in either vertical or horizontal installations. Condensate drain connections are located on both sides of the unit allowing complete flexibility to meet most field conditions.
- **SERVICE ACCESS**—Two removable panels on top and each side of the unit are easily removed for access to motors, blowers, sheaves, and filters.
- **HORIZONTAL OR VERTICAL**—All models are designed for either application and can be installed in either position as supplied from the factory.
- **TESTING**—All units are run tested at the factory prior to shipment. Units are shipped with a holding charge of nitrogen.

FIELD INSTALLED ACCESSORIES

Hot Water Coil ☐
Steam Coil ☐
Filter Frame Kit ☐
(used with H.W. or steam coil only)
Inlet Grille Kit ☐

Discharge Grille Kit ☐
Discharge Plenum Kit ☐
Mixing Box ☐
_____ kW Auxiliary Electric Heater Kit ☐

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."