



# 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 RHGM- SERIES 7.5 & 10 NOMINAL TON [26 & 35 kW] AIR HANDLER



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

### UNIT DATA

#### COOLING PERFORMANCE

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

#### HEATING PERFORMANCE

TOTAL CAPACITY\* ..... MBH [kW]  
 OUTDOOR DESIGN TEMP. .... °F [°C] DB  
 TEMP. OF AIR ENTERING  
 EVAPORATOR COIL ..... °F [°C] DB  
 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

#### CLEARANCES

SERVICE ACCESS SIDES 36" [914 mm]  
 OTHER SIDES 24" [610 mm]  
 ABOVE UNIT 00"

### FEATURES FOR RHGM- AIR HANDLERS 7.5 & 10 NOMINAL TON [26 & 35 kW]

- The RHGM-090 & 120 Air Handler is designed for heat pump applications. It has two TX valves with internal check valves that allow reverse flow to occur, providing superior control during heating and cooling cycles. RHGM-090 & 120 Air Handler has been rated and certified to operate with 7.5 ton [26 kW] and 10 ton [35 kW] remote heat pumps RPWL.
- Low profile
- Install horizontally or vertically as shipped from the factory
- Powder coat painted cabinet
- Optional high static drive packages deliver nominal CFM up to 2" E.S.P.
- Standard filter rack with 1" throwaway filters (rack will accept field supplied 2" filter)
- Standard thermal expansion valves
- Two circuit, interlaced copper tube/aluminum fin coils to provide maximum heat transfer capabilities
- Flexible field connections: refrigerant piping, condensate piping, power and control wiring from either side of unit
- Easy service access from top or either side
- RHGM-090 air handler is AHRI rated and certified for RPWL-090. RHGM-120 air handler is AHRI rated and certified for RPWL-120 air handler.
- Factory run tested prior to shipment
- Factory one (1) year limited warranty on parts

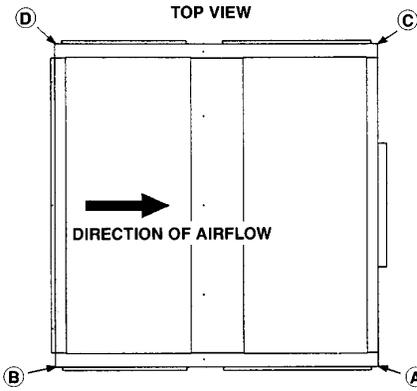
### FIELD INSTALLED ACCESSORIES

- Hot Water Coil .....
- Steam Coil .....
- Filter Frame Kit .....
- Inlet Grille Kit .....
- Discharge Grille Kit .....
- Discharge Plenum Kit .....
- Mixing Box .....
- Auxiliary Heater Kit .....



## UNIT DIMENSIONS

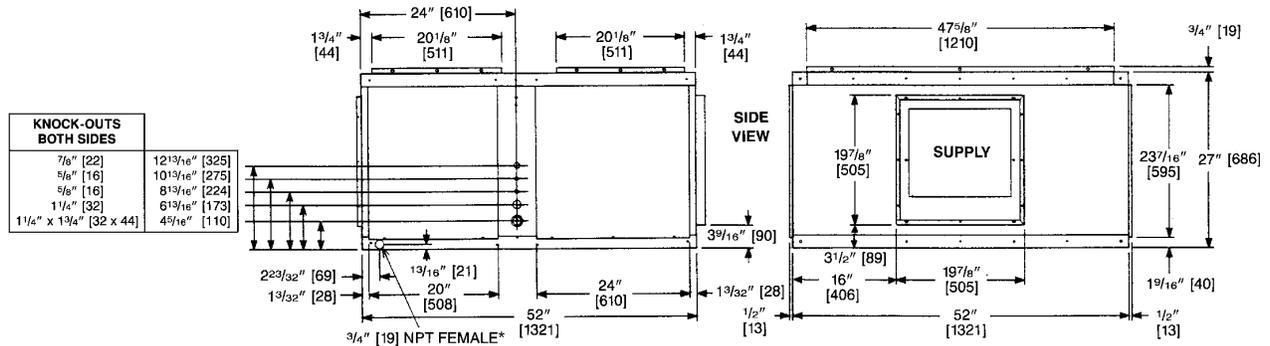
### 7.5 AND 10 NOMINAL TONS [26 AND 35 kW]



RETURN AIR OPENINGS = 47<sup>3</sup>/<sub>8</sub>" [1203] WIDTH x 19<sup>7</sup>/<sub>8</sub>" [505] HEIGHT

MODEL	REFRIGERANT STUB SIZES, IN. [mm]			
	DUAL LIQ.	DUAL SUC.	SINGLE LIQ.	SINGLE SUC.
090	1/2, 1/2 [13, 13]	7/8, 7/8 [22, 22]	5/8 [16]	1 <sup>3</sup> / <sub>8</sub> [35]
120	1/2, 1/2 [13, 13]	7/8, 7/8 [22, 22]	5/8 [16]	1 <sup>3</sup> / <sub>8</sub> [35]

MODEL	CORNER WEIGHTS, LBS. [kg]				TOTAL WEIGHT
	A	B	C	D	
090	98 [44]	86 [40]	97 [44]	84 [38]	365 [166]
120	100 [45]	88 [40]	97 [44]	87 [40]	372 [169]



\*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.

[ ] Designates Metric Conversions

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."*