



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 RHKA/RHKL- 1 1/2 TO 5 NOMINAL TON [5.3 TO 17.6 kW] AIR HANDLERS

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



UNIT DATA

COOLING PERFORMANCE

TOTAL CAPACITY* MBH [kW]
 SENSIBLE CAPACITY* MBH [kW]
 OUTDOOR DESIGN TEMP. °F [°C] DB
 TOTAL SUPPLY AIR CFM [L/s]
 TEMP. OF AIR ENTERING
 EVAPORATOR COIL °F [°C] DB
 °F [°C] 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
 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
 MINIMUM WIRE SIZE AWG
 MAXIMUM OVERCURRENT DEVICE
 FUSES/HACR BREAKER AMPS

CLEARANCES

SERVICE ACCESS FRONT 24" [609.6 mm]

FEATURES FOR RHKA/RHKL AIR HANDLERS 1 1/2 TO 5 NOMINAL TONS [5.3 TO 17.6 kW]

- Includes an energy efficient GE® ECM® Motor, which in most applications, enhances the SEER rating of the outdoor unit. It also slowly ramps its speed up for quiet operation and enhanced customer satisfaction.
- Versatile 4-way convertible design for upflow, downflow, horizontal left and horizontal right applications.
- Nominal airflow up to 1.0" external static pressure.
- Factory-installed high efficiency indoor coil.
- Sturdy cabinet construction with 1.0 inch [25.4 mm] of foil faced insulation for excellent sound and insulating characteristics.
- Field-installed auxiliary electric heater kits provide exact heat for indoor comfort. Kits include circuit breakers which meet U.L. and cUL requirements for service disconnect.
- On-demand dehumidification terminal that adjusts airflow to help control humidity for unsurpassed comfort in cooling mode.
- Interface board with dip switches conveniently located in the blower compartment allows for precise, field selectable airflow to meet the requirements of particular applications.
- The most compact unit design available.
- Attractive pre-painted cabinet exterior.
- Coils are constructed of aluminum fins bonded to internally grooved copper tubing.
- Molded polymer corrosion resistant condensate drain pan is provided on all indoor coils.
- Supply duct flanges provided as standard on air handler cabinet.
- Provisions for field electrical connections available from either side or top of the air handler cabinet.
- Connection point for high voltage wiring is inside the air handler cabinet. Low voltage connection is made on the outside of the air handler cabinet.
- Concentric knockouts are provided for power connection to cabinet. Installer may pull desired hole size up to 2 inches [51 mm] for 1 1/2 inch [38 mm] conduit.
- Internal checked TX valves are used on the Heat Pump indoor coil for more quiet refrigerant metering.
- A ten-year conditional parts warranty applies when the RHKL air handler is matched with a JEZ or JEC condensing unit or heat pump.

[] Designates Metric Conversions



Unit Dimensions

ELECTRICAL CONNECTIONS
MAY EXIT TOP OR EITHER SIDE

HIGH VOLTAGE CONNECTION $\frac{7}{8}$ " [22.2 mm],
 $1\frac{3}{32}$ " [27.8 mm], $1\frac{31}{32}$ " [50 mm] DIA.
KNOCKOUTS. IF LARGER REQUIRED,
PULL HOLE SIZE REQUIRED UP TO 2" [50.8 mm] DIA.
FOR $1\frac{1}{2}$ " [38.1 mm] CONDUIT

LOW VOLTAGE CONNECTION
 $\frac{5}{8}$ " [15.9 mm] AND $\frac{7}{8}$ " [22.2 mm] KNOCKOUT

NOTE: 24" CLEARANCE REQUIRED IN
UNIT FOR FILTER AND COIL MAINTEN

AUXILIARY DRAIN CONNECTION
 $\frac{3}{4}$ " [19.1 mm] FEMALE PIPE THREAD (NPT)
HORIZONTAL APPLICATION ONLY

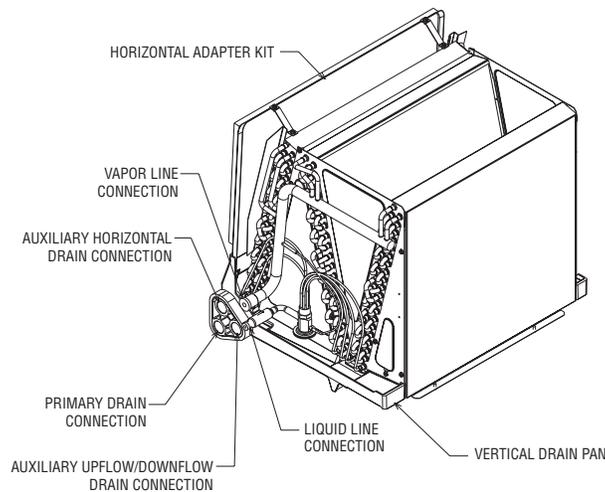
PRIMARY DRAIN CONNECTION
 $\frac{3}{4}$ " [19.1 mm] FEMALE PIPE THREAD (NPT)

AUXILIARY DRAIN CONNECTION
 $\frac{3}{4}$ " [19.1 mm] FEMALE PIPE THREAD (NPT)
UPFLOW/DOWNFLOW APPLICATION ONLY

LIQUID LINE CONNECTION
COPPER (SWEAT)

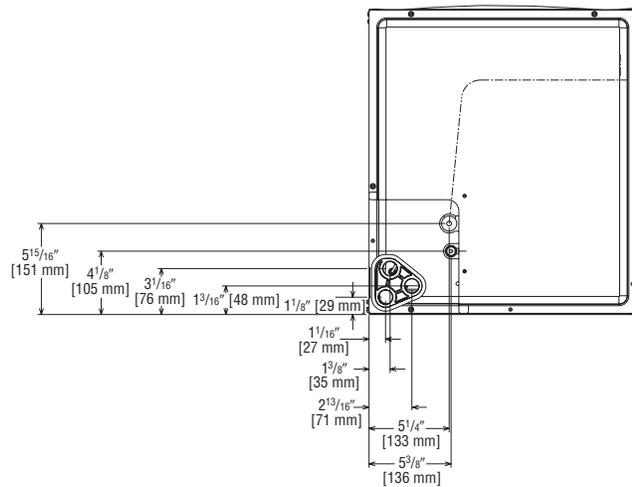
VAPOR LINE CONNECTION
COPPER (SWEAT)

DOWNFLOW APPLICATION AND HORIZONTAL RIGHT
INDOOR COIL AND COIL DOOR ROTATES 180°



Return Air Opening Dimensions

Model Cabinet Size	Return Air Opening Width (Inches)	Return Air Opening Depth/Length (Inches)
17	16	19 1/2
21	19 1/2	19 1/2
24	23	19 1/2



UPFLOW UNIT SHOWN:
UNIT MAY BE INSTALLED UPFLOW,
DOWNFLOW, HORIZONTAL RIGHT
OR LEFT AIR SUPPLY.

[] Designates Metric Conversions
() Designates Unit with Double Coil Cabinet

Unit Dimensions & Weights

Nominal Cooling Capacity Tons	Model Cabinet Size	Unit Width "W" In. [mm]	Unit Height "H" In. [mm]	Supply Duct "A" In. [mm]	Air Flow CFM (Nom.) [L/s]		Unit Weight/Shipping Weight (Lbs.) [kg]
					Lo	Hi	Unit With Coil (Max. KW)
1 1/2 & 2	17	17 1/2 [445]	42 1/2 [1080]	16 [406]	600 [283]	800 [378]	82/96 [37/44]
2 1/2 & 3	17	17 1/2 [445]	42 1/2 [1080]	16 [406]	1000 [472]	1200 [566]	92/106 [37/48]
3 1/2 & 4	21	21 [533]	50 1/2 [1282]	19 1/2 [495]	1400 [661]	1600 [755]	150/166 [68/75]
4	24	24 1/2 [622]	55 1/2 [1410]	23 [584]	1600 [755]	—	162/180 [73/81]
5	24	24 1/2 [622]	55 1/2 [1410]	23 [584]	—	1800 [850]	181/198 [82/90]

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.

Rheem Sales Company, Inc.
P.O. Box 17010, Fort Smith, AR 72917

"In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice."