

SUBMITTAL SHEET FOR 13AJM SERIES 1.5 TO 5 NOMINAL TON [5.28 TO 17.58 kW], 13 SEER CONDENSING UNITS

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



Featuring
Earth-Friendly
R-410A Refrigerant



UNIT DATA

COOLING PERFORMANCE

EFFICIENCY SEER
 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)

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

ACCESS SIDE 24" [609.6 mm]
 AIR INLETS 6" [152.4 mm]
 ABOVE UNIT 60" [1524 mm]

FEATURES FOR 13AJM SERIES CONDENSING UNITS

1.5 TO 5 NOMINAL TON [5.28 TO 17.58 kW]

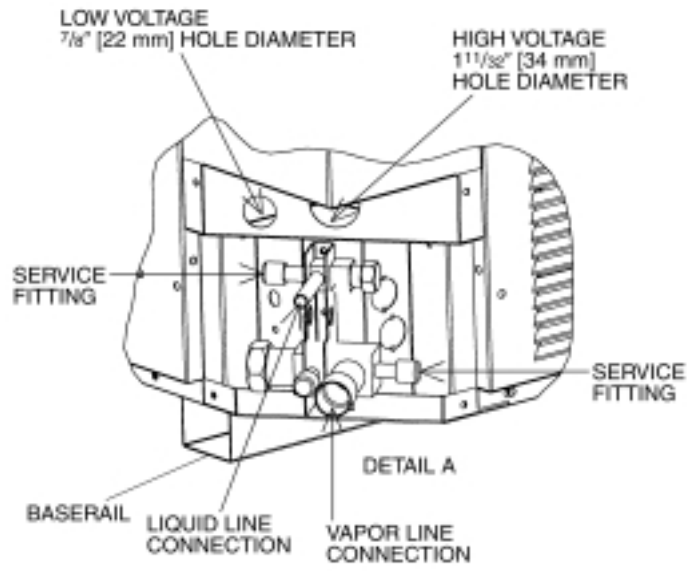
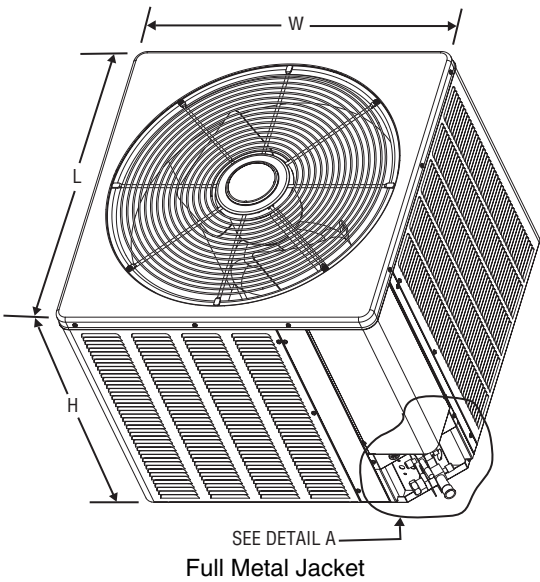
- Painted louvered steel cabinet
- Easily accessible control box
- Grille/motor mount for quiet fan operation
- Condenser coils constructed with copper tubing and enhanced aluminum fins
- Certified and rated under ARI Standard 210
- U.L. listed
- Bi-Directional Filter Drier (shipped – not installed)
- Factory limited warranty on parts as follows:
 Condenser Coil leaks caused by
 factory defects Five (5) Years
 Conditional Compressor*
 (Registration Required) Ten (10) Years
 Conditional Parts* (Registration Required) Ten (10) Years
 *See Product Warranty Card for Details.

FIELD INSTALLED ACCESSORIES

- Low Pressure Control ☐
 High Pressure Control ☐
 Low Ambient Control ☐
 Compressor Time Delay Control ☐
 Crankcase Heater ☐
 Sound Enclosure ☐



13AJM 18, 24, 30,
36, 42, 48, 60



Model No. 13AJM	Unit Dimensions		
	Width "W" Inches [mm]	Length "L" Inches [mm]	Height "H" Inches [mm]
18, 24	23 ⁵ / ₈ [600]	23 ⁵ / ₈ [600]	24 ¹ / ₄ [616]
30	27 ⁵ / ₈ [702]	27 ⁵ / ₈ [702]	24 ¹ / ₄ [616]
36, 42	31 ⁵ / ₈ [803]	31 ⁵ / ₈ [803]	27 ¹⁵ / ₁₆ [710]
48, 60	31 ⁵ / ₈ [803]	31 ⁵ / ₈ [803]	35 ¹⁵ / ₁₆ [913]

[] 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.

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