

# SUBMITTAL DATA SHEET



## Multi Zone Heat Pump

Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_

Outdoor unit code 22022316001945

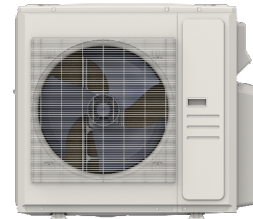
Outdoor unit model BMM36HH2C (Non-Ducted)

### Certified

AHRI



UL



## SYSTEM PERFORMANCE DATA

### Power supply

Normal Operational Voltage (V, Ph, Hz) 208/230V, 1Ph, 60Hz  
 Voltage Range (V) 187-253

### Electrical

Minimum circuit ampacity (A) 36  
 Max.fuse (A) 50  
 Connection wiring 14AWG\*4 Stranded, unshielded

### Cooling

Capacity (Btu/h) 36000(12000~41000)  
 Power Input (W) 3000(780~4000)  
 Current (A) 13.3(3.5~17.7)  
 SEER2 (Btu/W) 21.0  
 EER2 (Btu/W) 12.0

### Heating

Capacity (Btu/h) 36000(12000~48000)  
 Power Input (W) 2915(830~3950)  
 Current (A) 12.8(3.6~17.8)  
 HSPF2-4 (Btu/W) 10.9  
 HSPF2-5 (Btu/W) 8.5  
 COP W/W 3.62  
 Heat at 17F(H32) (Btu/h) 27400  
 Heat at 5F(H42) (Btu/h) 36000  
 COP at 5F(H42) W/W 1.95

## REFRIGERANT PIPE DATA

Design pressure (PSIG) 550/340  
 Refrigerant Type R410A  
 Refrigerant charge 148.0  
 Refrigerant precharge (ft) 25x4  
 Additional charge for each ft (Φ6) (oz/ft) 0.16  
 35 (1/4") liquid pipe (g/ft) 15.0  
 Additional charge for each ft (Φ9) (oz/ft) 0.32  
 52 (3/8") liquid pipe (g/ft) 30.0  
 Liquid side (inch) 4x1/4"  
 (mm) 4x6.35  
 Gas side (inch) 2x3/8"+2x1/2"  
 (mm) 2x9.52+2x12.7  
 Max. length for all rooms (ft) 262.46  
 (m) 80  
 Max. length for one indoor unit (ft) 114.83  
 (m) 35  
 Max. height difference between (ft) 49.21  
 indoor and outdoor unit (m) 15  
 Max. height difference between (ft) 33.0  
 indoor units (m) 10.0

Outdoor(cooling) (Deg. °F) (-22)~122  
 (Deg. °C) -30~50  
 Outdoor(heating) (Deg. °F) -22~75  
 (Deg. °C) -30~24

## OUTDOOR UNIT DATA

### Compressor

Type ROTARY  
 Model EAPQ420D1UMUA  
 Brand GMCC  
 Capacity (Btu/h) 44015  
 Input (W) 3565  
 Rated current (RLA) (A) 21.5  
 Refrigerant oil/oil charge (ml) 1460±15ml/ESTER OIL VG74

### Outdoor fan motor

Model ZKFN-250-10-1  
 Qty 1  
 Input (W) /  
 Output (W) 250.00  
 RLA (A) 1.5  
 Speed (r/min) 750/700/650

### Air flow & Noise level

Outdoor air flow (Max.) (CFM) 3035.29  
 Outdoor noise level [dB(A)] 65

### Outdoor unit

Dimension (W×D×H) (inch) 38.58x16.34x38.39  
 (mm) 980x415x975  
 Packing (W×D×H) (inch) 45.08x19.69x42.52  
 (mm) 1145x500x1080  
 Net/ Gross weight (lbs.) 213.85/246.92  
 (kg) 97/112

# Outdoor unit dimension

