

SUBMITTAL DATA SHEET



Multi Zone Heat Pump

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Outdoor unit code 22022316001945

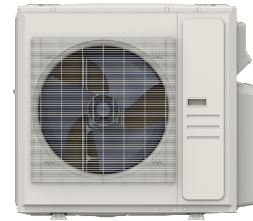
Outdoor unit model BMM36HH2C (Mixed)

Certified

AHRI



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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(12000~40500)
 Power Input (W) 3000(790~4220)
 Current (A) 13.35(3.6~18.7)
 SEER2 (Btu/W) 20.2
 EER2 (Btu/W) 12.0

Heating

Capacity (Btu/h) 36000(12000~47000)
 Power Input (W) 2992.5(840~4140)
 Current (A) 13.2(3.65~18.45)
 HSPF2-4 (Btu/W) 10.5
 HSPF2-5 (Btu/W) 8.5
 COP W/W 3.62
 Heat at 17F(H32) (Btu/h) 28600
 Heat at 5F(H42) (Btu/h) 36000
 COP at 5F(H42) W/W 1.93

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

