

# SUBMITTAL DATA SHEET



## Multi Zone Heat Pump

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

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

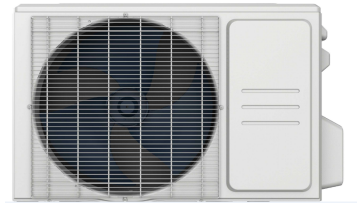
Outdoor unit code 22022316001345  
 Outdoor unit model BMM18C

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) 18.0  
 Max.fuse (A) 25.0  
 Connection wiring 14AWG\*4 Stranded, unshielded

### Cooling

Capacity (Btu/h) 18000(4950~23000)  
 Power Input (W) 1440(217~2026)  
 Current (A) 6.4(1.76~8.91)  
 SEER2 (Btu/W) 21.0  
 EER2 (Btu/W) 12.5

### Heating

Capacity (Btu/h) 19000(4900~23000)  
 Power Input (W) 1550(317~1959)  
 Current (A) 6.7(2.41~8.61)  
 HSPF2-4 (Btu/W) 10.2  
 HSPF2-5 (Btu/W) 7.7  
 COP W/W 3.59  
 Heat at 17F(H32) (Btu/h) 14400  
 Heat at 5F(H42) (Btu/h) 12600  
 COP at 5F(H42) W/W 2.00

## REFRIGERANT PIPE DATA

Design pressure (PSIG) 550/340  
 Refrigerant Type R410A  
 Refrigerant charge oz 65.3  
 Refrigerant precharge (ft) 49.0  
 Additional charge for each ft (Φ6. 35 (1/4") liquid pipe) (oz/ft) 0.16  
 (g/ft) 15.0  
 Additional charge for each ft (Φ9. 52 (3/8") liquid pipe) (oz/ft) 0.32  
 (g/ft) 30.0  
 Liquid side (inch) 2x1/4"  
 (mm) 2x6.35  
 Gas side (inch) 2x3/8"  
 (mm) 2x9.52  
 Max. length for all rooms (ft) 131.2  
 (m) 40.0  
 Max. length for one indoor unit (ft) 82.0  
 (m) 25.0  
 Max. height difference between indoor and outdoor unit (ft) 49.2  
 (m) 15.0  
 Max. height difference between indoor units (ft) 33.0  
 (m) 10.0

Outdoor(cooling) (Deg. °F) 5~122  
 (Deg. °C) -15~50  
 Outdoor(heating) (Deg. °F) -13~75  
 (Deg. °C) -25~24

## OUTDOOR UNIT DATA

### Compressor

Type Twin-ROTARY  
 Model KTN150D30UFZA  
 Brand GMCC  
 Capacity (Btu/h) 16139  
 Input (W) 1250  
 Rated current (RLA) (A) /  
 Refrigerant oil/oil charge (ml) ESTER OIL VG74 450

### Outdoor fan motor

Model ZKFN-80-8-3  
 Qty 1  
 Input (W) /  
 Output (W) 80.00  
 RLA (A) /  
 Speed (r/min) 750/600/500

### Air flow & Noise level

Outdoor air flow (Max.) (CFM) 1764.71  
 Outdoor noise level [dB(A)] 59.50

### Outdoor unit

Dimension (W×D×H) (inch) 35.04x13.46x26.50  
 (mm) 890x342x673  
 Packing (W×D×H) (inch) 40.55x17.24x29.53  
 (mm) 1030x438x750  
 Net/ Gross weight (lbs.) 100.31/108.69  
 (kg) 45.5/49.3

Outdoor unit dimension

