

**BMM48HHC**

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

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

Outdoor unit code 453083714

Outdoor unit model BMM48HHC

Certified

UL

**OUTDOOR UNIT DATA****Power supply**

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

**Electrical**

Minimum circuit ampacity (A) 40.0  
 Max.fuse (A) 60.0

**Outdoor fan motor**

Model ZKFN-85-8-22-5  
 Qty 2  
 Input (W) 126.0  
 RLA (A) 1.0 + 1.0  
 Speed (r/min) 900/850/800/750

**REFRIGERANT PIPE DATA**

Design pressure (PSIG) 550/340  
 Refrigerant Type (Oz) R410A/162  
 Refrigerant precharge (ft) 123.0  
 (m) 37.5  
 Additional charge for each ft-  
 Φ6.35 (1/4") liquid pipe (oz/ft) 0.161  
 Additional charge for each ft-  
 Φ9.52 (3/8") liquid pipe (oz/ft) 0.322  
 Liquid side/ Gas side (inch) 5 x 1/4"/3 x 3/8" + 2 x 1/2"  
 (mm) Φ6.35/3 x Φ9.52 + 2 x Φ12.7  
 Max. length for all rooms (ft) 262  
 Max. length for one indoor unit (ft) 115  
 Max. height difference  
 between indoor and outdoor  
 unit (ft) 49  
 Max. height difference  
 between indoor units (ft) 33

**OUTDOOR UNIT DATA****Compressor**

Model EAPQ420D1UMUA  
 Type ROTARY  
 Brand GMCC  
 Capacity (Btu/h) 48000  
 Capacity Range (Btu/h) 19300~51000  
 Input (W) 3565  
 Rated current (RLA) (A) 30.0  
 Refrigerant oil/oil charge (ml) 460±15ml ESTER OIL VG74  
 Throttle Capillary +EXV

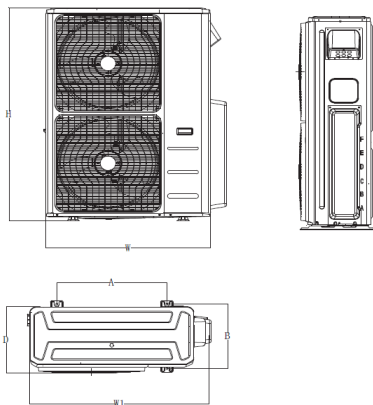
**Air flow & Noise level**

Outdoor air flow (Max.) (CFM) 4500.00  
 Outdoor noise level [dB(A)] 65

**Outdoor unit**

Dimension (W×D×H) (inch) 37.48x16.34x52.48  
 (mm) 952x415x1333  
 Packing (W×D×H) (inch) 43.11x19.49x58.27  
 (mm) 1095x495x1480  
 Net/ Gross weight (lbs.) 238.32/269.84  
 (kg) 108.1/122.4

**Outdoor(cooling/heating)** (Deg. °F) -22~-122/ -22~86  
 (Deg. °C) -30~-50/ -30~-30

**Outdoor unit dimension**

Unit	W	D	H	W1	A	B
mm	952	415	1333	1060	634	404
inch	37.5	16.3	52.5	41.7	25.0	15.9

**24V INTERFACE KIT**