



SUBMITTAL DATA SHEET

Multi Zone Heat Pump

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

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

Outdoor unit code 22022316001766

Outdoor unit model BMM55HHC

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) 40.0
Max.fuse (A) 60.0
Connection wiring 14AWG*4 Stranded, unshielded

Cooling

Capacity (Btu/h) 55000(11600~56500)
Power Input (W) 5238(810~5800)
Current (A) 23.5(3.9~26)
SEER2 (Btu/W) 20.0
EER2 (Btu/W) 10.5

Heating

Capacity (Btu/h) 55000(33000~63000)
Power Input (W) 5117(2860~5650)
Current (A) 22.5(12.7~25.5)
HSPF2-4 (Btu/W) 9.3
HSPF2-5 (Btu/W) 7.0
COP W/W 3.15
Heat at 17F(H32) (Btu/h) 34800
Heat at 5F(H42) (Btu/h) 45500
COP at 5F(H42) W/W 1.80

REFRIGERANT PIPE DATA

Design pressure (PSIG) 550/340
Refrigerant Type R410A
Refrigerant charge oz 162.3
Refrigerant precharge (ft) 25x5
Additional charge for each ft (Φ6.35 (1/4") liquid pipe) (oz/ft) 0.16
Additional charge for each ft (Φ9.52 (3/8") liquid pipe) (g/ft) 15.0
Additional charge for each ft (Φ9.52 (3/8") liquid pipe) (oz/ft) 0.32
Liquid side (inch) 5x1/4"
(mm) 5x6.35
Gas side (inch) 3x3/8"+2x1/2"
(mm) 3x9.52+2x12.7
Max. length for all rooms (ft) 262.5
(m) 80.0
Max. length for one indoor unit (ft) 114.8
(m) 35.0
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) -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) 25
Refrigerant oil/oil charge (ml) 1460±15ml/ESTER OIL VG74

Outdoor fan motor

Model ZKFN-85-8-22-5
Qty 2
Input (W) 126.00
Output (W) 85.00
RLA (A) 2.50
Speed (r/min) 900/850/800/750

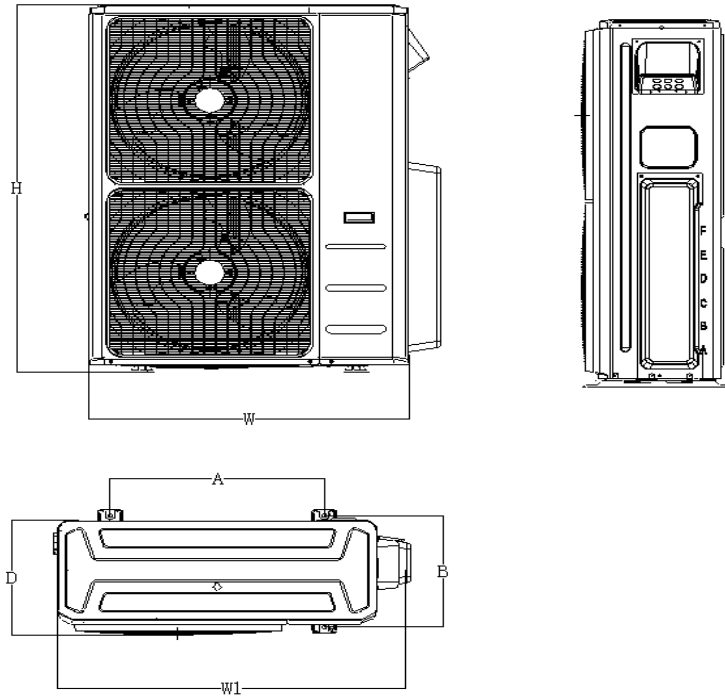
Air flow & Noise level

Outdoor air flow (Max.) (CFM) 4500.00
Outdoor noise level [dB(A)] 62.00

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.) 233.03/265.87
(kg) 105.7/120.6

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