

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 Mixed ducted and ductless indoor units
Certified	AHRI UL



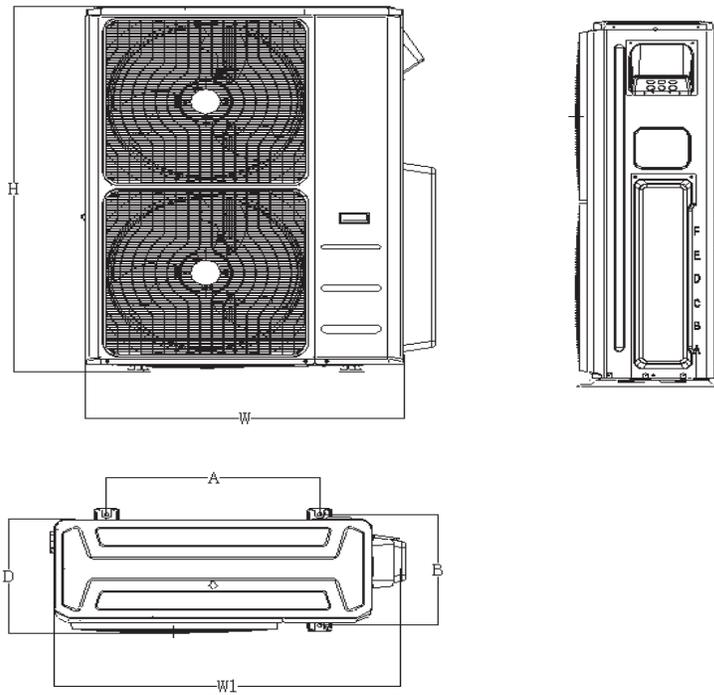
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	40.0
Max.fuse	(A)	60.0
Connection wiring	14AWG*4 Stranded, unshielded	
Cooling		
Capacity	(Btu/h)	55000(15500~56750)
Power Input	(W)	5238(705~5925)
Current	(A)	23.5(3.8~26.6)
SEER2	(Btu/W)	19.4
EER2	(Btu/W)	10.5
Heating		
Capacity	(Btu/h)	55000(24250~62250)
Power Input	(W)	5159(1900~5625)
Current	(A)	22.5(8.8~25.75)
HSPF2-4	(Btu/W)	9.4
COP	W/W	3.12
Heat at 17F(H32)	(Btu/h)	35000
Heat at 5F(H42)	(Btu/h)	45000
COP at 5F(H42)	W/W	1.85

Outdoor(cooling)	(Deg. °F)	5~122
Outdoor(heating)	(Deg. °F)	-22~75

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)	(oz/ft)	0.32
Liquid side	(inch)	5x1/4"
Gas side	(inch)	3x3/8"+2x1/2"
Max. length for all rooms	(ft)	262.5
Max. length for one indoor unit	(ft)	114.8
Max. height difference between indoor and outdoor unit	(ft)	49.2
Max. height difference between indoor units	(ft)	33.0

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±15mlESTER 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)]	61.00
Outdoor unit		
Dimension (W×D×H)	(inch)	37.48x16.34x52.48
Packing (W×D×H)	(inch)	43.11x19.49x58.27
Net/ Gross weight	(lbs.)	233.03/265.87

Outdoor unit dimension



Unit	W	D	H	W1	A	B
inch	37.5	16.3	52.5	41.7	25.0	15.9