

SUBMITTAL DATA SHEET



BMM55HHC	55000Btu/h	Multi-zone
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

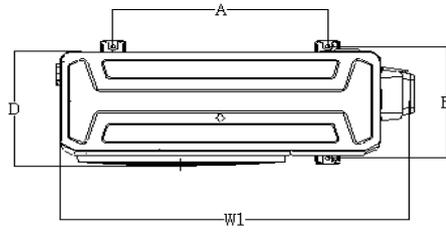
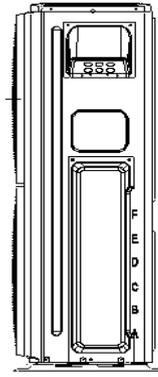
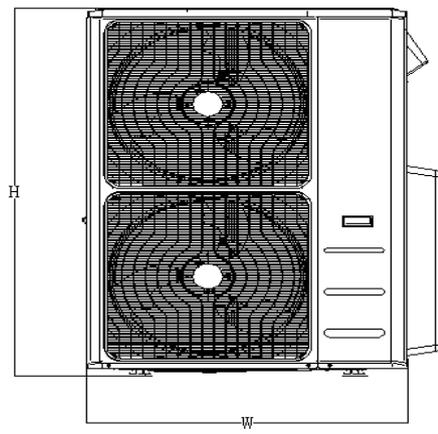
Outdoor unit code	453087898
Outdoor unit model	BMM55HHC
Certified	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> AHRI </div> <div style="text-align: center;"> UL </div> </div>



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			
Rated Capacity	(Btu/h)	55000(11600~56900)	
Capacity Range	(Btu/h)	55000(11600~56900)	
Power Input	(W)	5238	
Rated current	(A)	23.5	
EER	(Btu/W)	11	
SEER	(Btu/W)	19	
Heating at 47F			
Rated Capacity	(Btu/h)	55000(33000~63000)	
Capacity Range	(Btu/h)	55000(33000~63000)	
Power Input	(W)	5000	
Rated current	(A)	22.5	
COP	(W/W)	3.2	
HSPF4	(Btu/W)	10.8	
HSPF5	(Btu/W)	9.1	
Heating at 17F			
Max Capacity	(Btu/h)	44500	
REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type	(Oz)	R410A/162.26ozs	
Refrigerant precharge	(ft)	37.5	
	(m)	123.0	
Additional charge for each ft (Φ6.35 (1/4") liquid pipe)	(oz/ft)	0.2	
	(g/ft)	15.0	
Additional charge for each ft (Φ9.52 (3/8") liquid pipe)	(oz/ft)	0.3	
	(g/ft)	30.0	
Liquid side	(inch)	5 x 1/4"	
	(mm)	5 x Φ6.35	
Gas side	(inch)	3 x 3/8" + 2 x 1/2"	
	(mm)	3 x Φ9.52 + 2 x Φ12.7	
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	

SYSTEM PERFORMANCE DATA		
Outdoor(cooling)	(Deg. °F)	-22~122
	(Deg. °C)	-30~50
Outdoor(heating)	(Deg. °F)	-22~75
	(Deg. °C)	-30~24
Application area	(sq.ft)	786~1152
	(m2)	73~107
OUTDOOR UNIT DATA		
Compressor		
Type		EAPQ420D1UMUA
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	12900 ±3% W
Input	(W)	3565 ±3%
Rated current (RLA)	(A)	25
Refrigerant oil/oil charge	(ml)	1460±15mlESTER OIL VG74
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	126.00
RLA	(A)	--
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