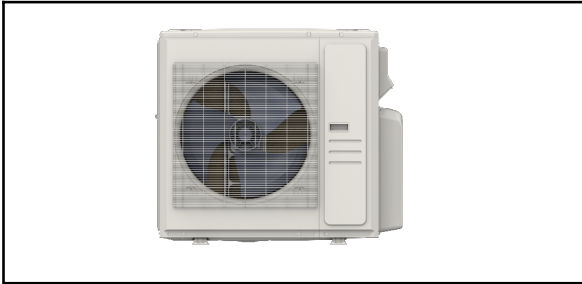


SUBMITTAL DATA SHEET



Multi Zone Heat Pump	
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Outdoor unit code	22022316001945		
Outdoor unit model	BMM36HH2C (Mixed)		
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)	36	
Max.fuse	(A)	50	
Connection wiring		14AWG*4 Stranded, unshielded	
Cooling			
Capacity	(Btu/h)	36000(12000-40500)	
Power Input	(W)	3000(790-4220)	
Current	(A)	13.35(3.6-18.7)	
SEER2	(Btu/W)	20.2	
EER2	(Btu/W)	12.0	
Heating			
Capacity	(Btu/h)	36000(12000-47000)	
Power Input	(W)	2992.5(840-4140)	
Current	(A)	13.2(3.65-18.45)	
HSPF2-4	(Btu/W)	10.5	
COP	W/W	3.62	
Heat at 17F(H32)	(Btu/h)	28600	
Heat at 5F(H42)	(Btu/h)	36000	
COP at 5F(H42)	W/W	1.93	
REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type		R410A	
Refrigerant charge	oz	148.0	
Refrigerant precharge	(ft)	25x4	
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)	4x1/4"	
Gas side	(inch)	2x3/8"+2x1/2"	
Max. length for all rooms	(ft)	262.46	
Max. length for one indoor unit	(ft)	114.83	
Max. height difference between indoor and outdoor unit	(ft)	49.21	
Max. height difference between indoor units	(ft)	33.0	

Outdoor(cooling)	(Deg. F)	(-22)~122
Outdoor(heating)	(Deg. F)	-22~75
OUTDOOR UNIT DATA		
Compressor		
Type		ROTARY
Model		EAPQ420D1UMUA
Brand		GMCC
Capacity	(Btu/h)	44015
Input	(W)	3565
Rated current (RLA)	(A)	21.5
Refrigerant oil/oil charge	(ml)	1460±15ml/ESTER OIL VG74
Outdoor fan motor		
Model		ZKFN-250-10-1
Qty		1
Input	(W)	/
Output	(W)	250.00
RLA	(A)	1.5
Speed	(r/min)	750/700/650
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	3035.29
Outdoor noise level	[dB(A)]	65
Outdoor unit		
Dimension (W×D×H)	(inch)	38.58x16.34x38.39
Packing (W×D×H)	(inch)	45.08x19.69x42.52
Net/ Gross weight	(lbs.)	213.85/246.92

Outdoor unit dimension

