

SUBMITTAL DATA SHEET



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

Outdoor unit code	22022316001305
Outdoor unit model	BMM36C Mixed ducted and non ducted 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)	25.0
Max.fuse	(A)	40.0
Connection wiring		14AWG*4 Stranded, unshielded
Cooling		
Capacity	(Btu/h)	36000(8995~40224)
Power Input	(W)	3335(347~4208)
Current	(A)	14.9(4.1~18.49)
SEER2	(Btu/W)	21.55
EER2	(Btu/W)	10.8
Heating		
Capacity	(Btu/h)	37000(7700~46612)
Power Input	(W)	3030(492~4384)
Current	(A)	14(4.58~19.23)
HSPF2-4	(Btu/W)	9.4
COP	W/W	3.58
Heat at 17F(H32)	(Btu/h)	26800
Heat at 5F(H42)	(Btu/h)	24000
COP at 5F(H42)	W/W	1.74

Outdoor(cooling)	(Deg. °F)	5~122
Outdoor(heating)	(Deg. °F)	-13~75

REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	134.0
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)	3x3/8"+1x1/2"
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		KTF310D43UMT
Brand		GMCC
Capacity	(Btu/h)	34154
Input	(W)	2765
Rated current (RLA)	(A)	18
Refrigerant oil/oil charge	(ml)	VG74/1000
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	150.00
Output	(W)	120.00
RLA	(A)	1.00
Speed	(r/min)	1000/900/750
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	2147.06
Outdoor noise level	[dB(A)]	63.50
Outdoor unit		
Dimension (W×D×H)	(inch)	37.24x16.14x31.89
Packing (W×D×H)	(inch)	42.91x19.69x34.84
Net/ Gross weight	(lbs.)	169.09/181.44

Outdoor unit dimension

