

# 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
Certified	AHRI
	UL



SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	25.0
Max.fuse	(A)	40.0
Connection wiring		14AWG*4 Stranded, unshielded
<b>Cooling</b>		
Capacity	(Btu/h)	36000(9200~40160)
Power Input	(W)	3396(340~4180)
Current	(A)	15.4(2.9~18.3)
SEER2	(Btu/W)	23.1
EER2	(Btu/W)	10.6
<b>Heating</b>		
Capacity	(Btu/h)	37000(8500~46600)
Power Input	(W)	3098(480~4460)
Current	(A)	15.4(3.4~19.5)
HSPF2-4	(Btu/W)	9.6
HSPF2-5	(Btu/W)	7.2
COP	W/W	3.50
Heat at 17F(H32)	(Btu/h)	26400
Heat at 5F(H42)	(Btu/h)	24000
COP at 5F(H42)	W/W	1.80

Outdoor(cooling)	(Deg. °F)	5~122
	(Deg. °C)	-15~50
Outdoor(heating)	(Deg. °F)	-13~75
	(Deg. °C)	-25~24

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"
	(mm)	4x6.35
Gas side	(inch)	3x3/8"+1x1/2"
	(mm)	3x9.52+1x12.7
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 UNIT DATA		
<b>Compressor</b>		
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
<b>Outdoor fan motor</b>		
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
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	2147.06
Outdoor noise level	[dB(A)]	63.50
<b>Outdoor unit</b>		
Dimension (W×D×H)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (W×D×H)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	169.09/181.44
	(kg)	76.7/82.3

Outdoor unit dimension

