

## SUBMITTAL DATA SHEET

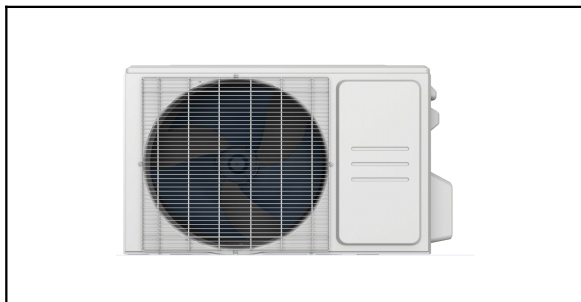


### Multi Zone Heat Pump

Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_

Outdoor unit code	22022316001345		
Outdoor unit model	BMM18C Non-Ducted		
<b>Certified</b>	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)	14.0	
Max.fuse	(A)	20.0	
Connection wiring		14AWG*4 Stranded, unshielded	
<b>Cooling</b>			
Capacity	(Btu/h)	18000(4950~23000)	
Power Input	(W)	1440(217~2026)	
Current	(A)	6.4(1.76~8.91)	
SEER2	(Btu/W)	21.0	
EER2	(Btu/W)	12.5	
<b>Heating</b>			
Capacity	(Btu/h)	19000(4900~23000)	
Power Input	(W)	1550(317~1959)	
Current	(A)	6.7(2.41~8.61)	
HSPF2-4	(Btu/W)	10.2	
COP	W/W	3.59	
Heat at 17F(H32)	(Btu/h)	14400	
Heat at 5F(H42)	(Btu/h)	12600	
COP at 5F(H42)	W/W	2.00	

### REFRIGERANT PIPE DATA

Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	65.3
Refrigerant precharge	(ft)	25x2
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)	2x1/4"
Gas side	(inch)	2x3/8"
Max. length for all rooms	(ft)	131.2
Max. length for one indoor unit	(ft)	82.0
Max. height difference between indoor and outdoor unit	(ft)	49.2
Max. height difference between indoor units	(ft)	33.0

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

### OUTDOOR UNIT DATA

<b>Compressor</b>			
Type		Twin-ROTARY	
Model		KTN150D30UFZA	
Brand		GMCC	
Capacity	(Btu/h)	16139	
Input	(W)	1250	
Rated current (RLA)	(A)	/	
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 450	
<b>Outdoor fan motor</b>			
Model		ZKFN-80-8-3	
Qty		1	
Input	(W)	/	
Output	(W)	80.00	
RLA	(A)	/	
Speed	(r/min)	750/600/500	
<b>Air flow &amp; Noise level</b>			
Outdoor air flow (Max.)	(CFM)	1764.71	
Outdoor noise level	[dB(A)]	59.50	
<b>Outdoor unit</b>			
Dimension (W×D×H)	(inch)	35.04x13.46x26.50	
Packing (W×D×H)	(inch)	40.55x17.24x29.53	
Net/ Gross weight	(lbs.)	100.31/108.69	

Outdoor unit dimension

