

# SUBMITTAL DATA SHEET

<b>BMM27C</b>	
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Outdoor unit code	22022316001285
Outdoor unit model	BMM27C
<b>Certified</b>	<b>UL</b> 



OUTDOOR UNIT DATA			
<b>Power supply</b>			
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60	
Voltage Range	(V)	187-253	
<b>Electrical</b>			
Minimum circuit ampacity	(A)	24.5	
Max.fuse	(A)	30.0	
<b>Outdoor fan motor</b>			
Model		ZKFN-120-8-2	
Qty		1	
Input	(W)	150.0	
RLA	(A)	-	
Speed	(r/min)	1050/900/850	
REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type	(Oz)	R410A/91.7	
Refrigerant precharge	(ft)	74	
	(m)	22.5	
Additional charge for each ft- Φ6.35 (1/4") liquid pipe	(oz/ft)	0.161	
Additional charge for each ft- Φ9.52 (3/8") liquid pipe	(oz/ft)	0.322	
Liquid side/ Gas side	(inch)	3 x 1/4"/3 x 3/8"	
	(mm)	3 x Φ6.35/3 x Φ9.52	
Max. length for all rooms	(ft)	197	
Max. length for one indoor unit	(ft)	98.0	
Max. height difference between indoor and outdoor unit	(ft)	49	
Max. height difference between indoor units	(ft)	33	

OUTDOOR UNIT DATA			
<b>Compressor</b>			
Model		KTM240D43UKT	
Type		ROTARY	
Brand		GMCC	
Capacity	(Btu/h)	27000	
Capacity Range	(Btu/h)	9838~30438	
Input	(W)	1895	
Rated current (RLA)	(A)	-	
Refrigerant oil/oil charge	(ml)	VG74/620	
Throttle		Capillary +EXV	
<b>Air flow &amp; Noise level</b>			
Outdoor air flow (Max.)	(CFM)	2129.41	
Outdoor noise level	[dB(A)]	61	
<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.)	139.77/150.57	
	(kg)	63.4/68.3	
<b>Outdoor(cooling/heating)</b>			
	(Deg. °F)	-13~122/ -13~86	
	(Deg. °C)	-25~50/ -25~30	

**Outdoor unit dimension**

Model	Unit	W	D	H	W1	A	B
M2OF-18HFN1-M	mm	845	363	702	923	540	350
	inch	33.3	14.3	27.6	36.0	21.3	13.8
M2OA-18HFN1-M	mm	890	342	673	990	663	354
	inch	35.04	13.46	26.50	38.98	26.10	13.94
M2OH-18HFN1-M M3OF-27HFN1-M M3OH-27HFN1-M	mm	946	410	810	1034	673	403
	inch	37.2	16.5	31.9	40.6	26.5	15.9
M3OL-27HFN1-M M3OH-27HFN1-M M3OL-28HFN1-M	mm	946	410	810	1034	673	403
	inch	37.2	16.5	31.9	40.6	26.5	15.9

  

**24V INTERFACE KIT**

32mm (1.3")      220mm (8.7")  
 15mm (0.6")  
 200mm (7.8")      176mm (6.9")  
 283mm (11.1")  
 63mm (2.5")