

SUBMITTAL DATA SHEET



BM1217	12,000 BTU/H(208-230V) Wall Mounted Heat Pump System
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

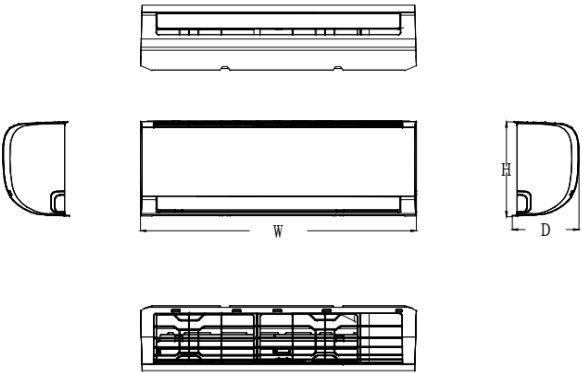
Set Code	453087680
Indoor unit code	453087507
Outdoor unit code	453087506
Set Model	BM1217
Indoor unit model	BM1217WM
Outdoor unit model	BM1217C
Certified	AHRI UL



SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)	208-230, 1, 60	
Voltage Range	(V)	187-253	
Electrical			
Minimum circuit ampacity	(A)	12	
Max.fuse	(A)	15	
Connection wiring		14*4 AWG	
Cooling			
Rated Capacity	(Btu/h)	12000	
Capacity Range	(Btu/h)	~	
Power Input (Max)	(W)	1365	
Rated current	(A)	5.92	
SEER	(Btu/W)	16.8	
EER	(Btu/W)	8.8	
Heating at 47F			
Rated Capacity	(Btu/h)	12000	
Capacity Range	(Btu/h)	0~12000	
Power Input (Max)	(W)	1212	
Rated current	(A)	5.27	
HSPF4	(Btu/W)	9.4	
HSPF5	(Btu/W)	8	
COP	W/W	2.90	
Heating at 17F			
Max Capacity	(Btu/h)	8500	
REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type	(Oz)	R410A/25.75	
Refrigerant precharge	(ft)	25.0	
	(m)	7.6	
Additional charge for each	(oz/ft)	0.16	
	(g/ft)	15	
Liquid side/ Gas side	(inch)	1/4" / 3/8"	
	(mm)	6.35 / 9.52	
Max. pipe length	(ft)	82.02	
	(m)	25	
Max. difference in level	(ft)	32.81	
	(m)	10	
Connection method		(Flared)	
Indoor(cooling/ heating)	(Deg. °F)	63~90 / 32~86	
	(Deg. °C)	17~32 / 0~30	
Outdoor(cooling/heating)	(Deg. °F)	5~122 / 5~75	
	(Deg. °C)	-15~50 / -15~24	
Application area	(sq.ft)	172.22~247.57	
	(m2)	16~23	

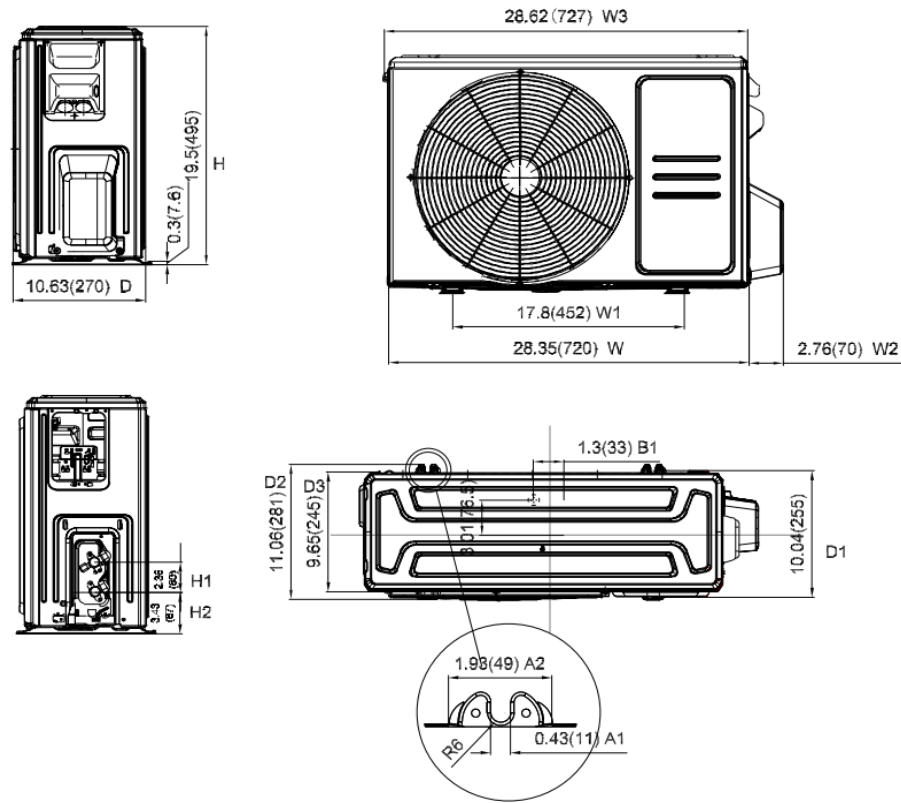
INDOOR UNIT DATA			
Indoor fan motor			
Type		Cross-Flow	
Model		YKFG-20-4-10L	
Qty		1	
Input	(W)	47.4	
RLA	(A)	0.34	
LRA	(A)	---	
Winding Resistance	(Ω)	---	
Capacitor	(uF)	---	
Speed(Hi/Mi/Lo)	(r/min)	1180/950/750	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo)	(CFM)	317.65/241.18/176.47	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	41.5/34.5/25.5	
Dehumidification	(Pint/H)	---	
Indoor unit			
Dimension (WxDxH)	(inch)	31.69x7.64x11.22	
	(mm)	805x194x285	
Packing(WxDxH)	(inch)	34.25x10.63x14.37	
	(mm)	870x270x365	
Net/Gross weight	(lbs.)	17.20/22.05	
	(kg)	7.8/10	
OUTDOOR UNIT DATA			
Compressor			
Type		KSK103D33UEZ3(YJ)	
Model		/	
Brand		GMCC	
Capacity	(Btu/h)	/	
Input	(W)	/	
Rated current (RLA)	(A)	6.47	
Refrigerant oil/oil charge	(ml)	/	
Throttle		Capillary	
Outdoor fan motor			
Model		ZKFN-20-8-1	
Qty		1	
Input	(W)	--	
RLA	(A)	--	
Speed	(r/min)	850/500	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	1058.82	
Outdoor noise level	[dB(A)]	54.5	
Outdoor unit			
Dimension (WxDxH)	(inch)	28.35x10.63x19.49	
	(mm)	720x270x495	
Packing (WxDxH)	(inch)	32.87x11.81x21.26	
	(mm)	835x300x540	
Net/ Gross weight	(lbs.)	52.91/56.44	
	(kg)	24/25.6	

Indoor unit dimension



Capacity	Body Code	W(mm)	D(mm)	H(mm)
5K~11K	A	715	194	285
9K~14K	B	805	194	285
17K~18K	C	957	213	302
18K~24K	D	1040	220	327

Outdoor unit dimension



General Features

Wireless Remote with LCD Display

46F Heating(optional)
Sleep Mode
Silent Mode(optional)
Self Clean
Follow Me (optional)

Extended Performance Data