



SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit #: _____
Drawing #: _____

Set Code
Indoor unit code 22022010018239
Outdoor unit code 22022011015544
22022016015523

Set Model
Indoor unit model BMX1217
Outdoor unit model BMX1217WM
BMX1217C

Certified
AHRI
UL





SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	115V, 1Ph, 60Hz
Voltage Range	(V)	103.5-126.5
Electrical		
Minimum circuit ampacity(Outdoor)	(A)	17.0
Max.fuse(Outdoor)	(A)	20.0
Connection wiring		14#x4
Cooling		
Capacity	(Btu/h)	12000(3610~12200)
Power Input	(W)	1368(305~1376)
Current	(A)	11.89(2.6~12.5)
SEER2	(Btu/W)	16.7
EER2	(Btu/W)	8.8
Heating		
Capacity	(Btu/h)	12000(3680~12800)
Power Input	(W)	1245(0320~1190)
Current	(A)	10.54(2.75~12.8)
HSPF2-4	(Btu/W)	8.7
HSPF2-5	(Btu/W)	6.8
COP	W/W	2.82
Heat at 17F(H32)	(Btu/h)	7600
Heat at 5F(H42)	(Btu/h)	6500
COP at 5F(H42)	W/W	2.04

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	Capillary
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	25.75
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.16
Additional charge for each m	(g/m)	15.0
Liquid side/ Gas side(indoor)	(inch)	1/4"/3/8"
	(mm)	6.35/9.52
Liquid side/ Gas side(outdoor)	(inch)	1/4"/3/8"
	(mm)	6.35/9.52
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(m)	10.0
Connection method		Flared
Indoor(cooling)	(Deg. °F)	62~90
	(Deg. °C)	17~32
Indoor(heating)	(Deg. °F)	32~86
	(Deg. °C)	0~30
Outdoor(cooling)	(Deg. °F)	5~122
	(Deg. °C)	-15~50
Outdoor(heating)	(Deg. °F)	5~86

INDOOR UNIT DATA

Indoor fan motor		
Model		YKFG-15-4-28-1
Qty		1
Input	(W)	46.0
Output	(W)	15.0
RLA	(A)	0.4
Speed(Hi/Mi/Lo)	(r/min)	1180/950/750
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	352.94/317.65/241.18/176.47
Indoor noise level (Hi/Med/Lo)	[dB(A)]	41/34.5/27.5
Dehumidification	(L/H)	1.55
Indoor unit		
Dimension (WxDxH)	(inch)	31.69x7.64x11.22
	(mm)	805x194x285
Packing(WxDxH)	(inch)	34.25x10.63x14.37
	(mm)	870x270x365
Net/Gross weight	(lbs.)	17.20/22.27
	(kg)	7.8/10.1

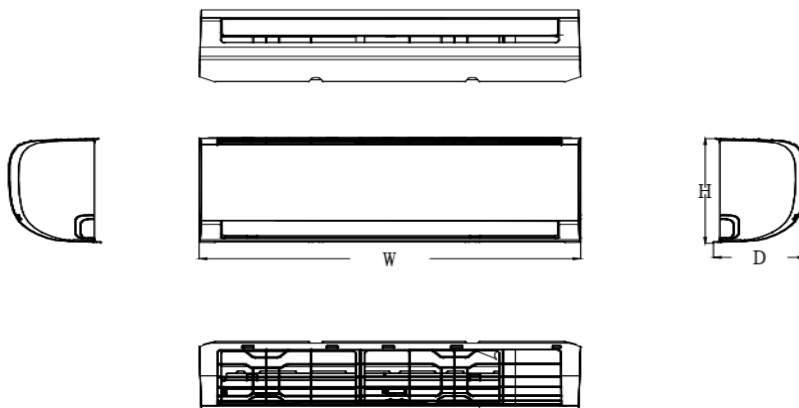
OUTDOOR UNIT DATA

Compressor		
Type		ROTARY
Model		KSK103D33UEZ3
Brand		GMCC
Capacity	(Btu/h)	11106
Input	(W)	826
Rated current (RLA)	(A)	12.53
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 310
Outdoor fan motor		
Model		ZKFN-20-8-1
Qty		1
Input	(W)	/
Output	(W)	20
RLA	(A)	0.7
Speed	(r/min)	850/500
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1059
Outdoor noise level	[dB(A)]	55.0
Outdoor unit		
Dimension (WxDxH)	(inch)	28.35x10.63x19.49
	(mm)	720x270x495
Packing (WxDxH)	(inch)	32.87x11.81x21.26
	(mm)	835x300x540
Net/ Gross weight	(lbs.)	55.11/58.86
	(kg)	25/26.7

(Deg. °C)

-15~30

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

