BLUERIDGE

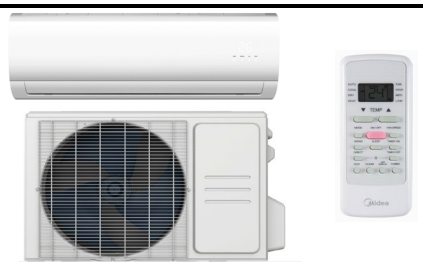
SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

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

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

Set Code	22022010018239
Indoor unit code	22022011015544
Outdoor unit code	22022016015523
Set Model	BMX1217
Indoor unit model	BMX1217WM
Outdoor unit model	BMX1217C
Ceritified	**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)	25.0
Connection wiring		14#x4
Cooling		
Capacity	(Btu/h)	12000(3610~12200)
Powrer Input	(W)	1368(305~1376)
Current	(A)	11.89(2.6~12.5)
SEER2	(Btu/W)	17.4
EER2	(Btu/W)	8.8
Heating		
Capacity	(Btu/h)	12000(3680~12800)
Powrer 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. ℉)	62～90
	(Deg. ℃)	17～32

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

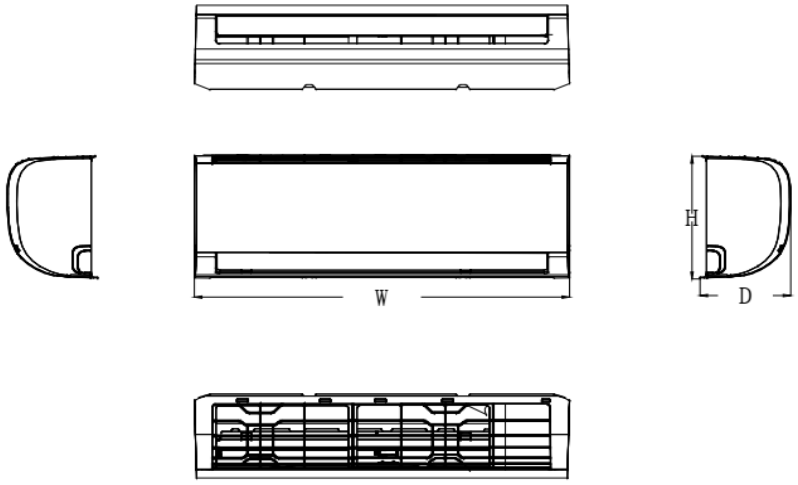
OUTDOOR UNIT DATA

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 (W×D×H)	(inch)	28.35x10.63x19.49
	(mm)	720x270x495
Packing (W×D×H)	(inch)	32.87x11.81x21.26
	(mm)	835x300x540

Indoor(heating)	(Deg. °F)	32～86
	(Deg. °C)	0～30
Outdoor(cooling)	(Deg. °F)	5~122
	(Deg. °C)	-15～50
Outdoor(heating)	(Deg.)	5～86
	(Deg. °C)	-15～30

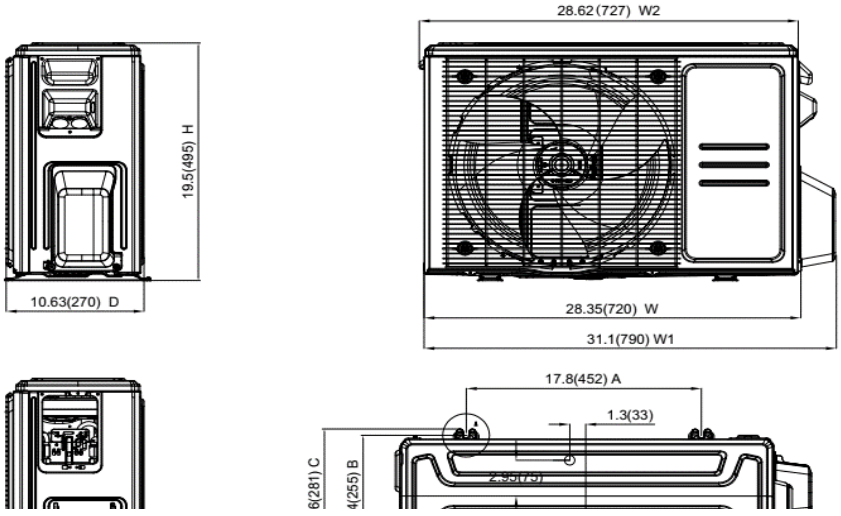
Net/ Gross weight	(lbs.)	55.11/58.86
	(kg)	25/26.7

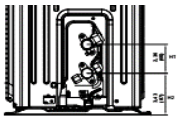
Indoor unit dimension



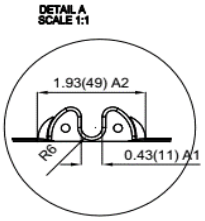
Capacity	Body Code	W(mm)	D(mm)	H(mm)
5K~11K	A	715	194	285
9K~14K	B	805	194	285
17K~18K	C	957	213	302
18K~24K	D	1040	220	327

Outdoor unit dimension








DETAIL A
SCALE 1:1
1.93(49) A2
R6
0.43(11) A1