SUBMITTAL DATA SHEET

BLUERIDGE

BMX1217	12,000 BTU/H(115V)	Wall Mounted Heat Pump System

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

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

Set Code	453087676
Indoor unit code	453087502
Outdoor unit code	453087503
Set Model	BMX1217
Indoor unit model	BMX1217WM
Outdoor unit model	BMX1217C
Ceritified	**AHRI**
	UL



SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltag	(V, Ph, Hz)	115, 1 ,60
Voltage Range	(V)	103.5-126.5
Electrical		
Minimum circuit ampacity	(A)	17
Max.fuse	(A)	20
Connection wiring		14*4 AWG
Cooling		
Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	/~/
Powrer Input (Max)	(W)	1368
Rated current	(A)	11.89
SEER	(Btu/W)	16.5
EER	(Btu/W)	8.8
Heating at 47F		
Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	0~11000
Powrer Input (Max)	(W)	1212
Rated current	(A)	10.54
HSPF4	(Btu/W)	9.4
HSPF5	(Btu/W)	7.7
COP	W/W	2.90
Heating at 17F		
Max Capacity	(Btu/h)	8100

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. ℉)	63～90 / 32～86
	(Deg. °C)	17～32 / 0～30
Outdoor(cooling/heating)	(Deg. ℉)	5~122 / 5~75
	(Deg. °C)	-15～50 / -15~24
Application area	(sq.ft)	172.22～247.57
	(m2)	16～23

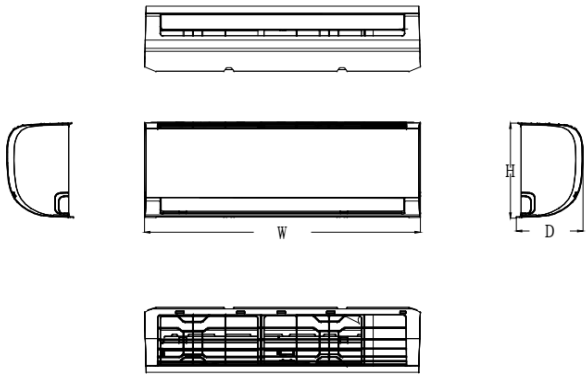
INDOOR UNIT DATA

Indoor fan motor		
Type		Cross-Flow
Model		YKFG-15-4-28-1
Qty		1
Input	(W)	46.0
RLA	(A)	0.39
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/	[dB(A)]	41/34.5/27.5
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.)	17.20/22.27
	(kg)	7.8/10.1

OUTDOOR UNIT DATA

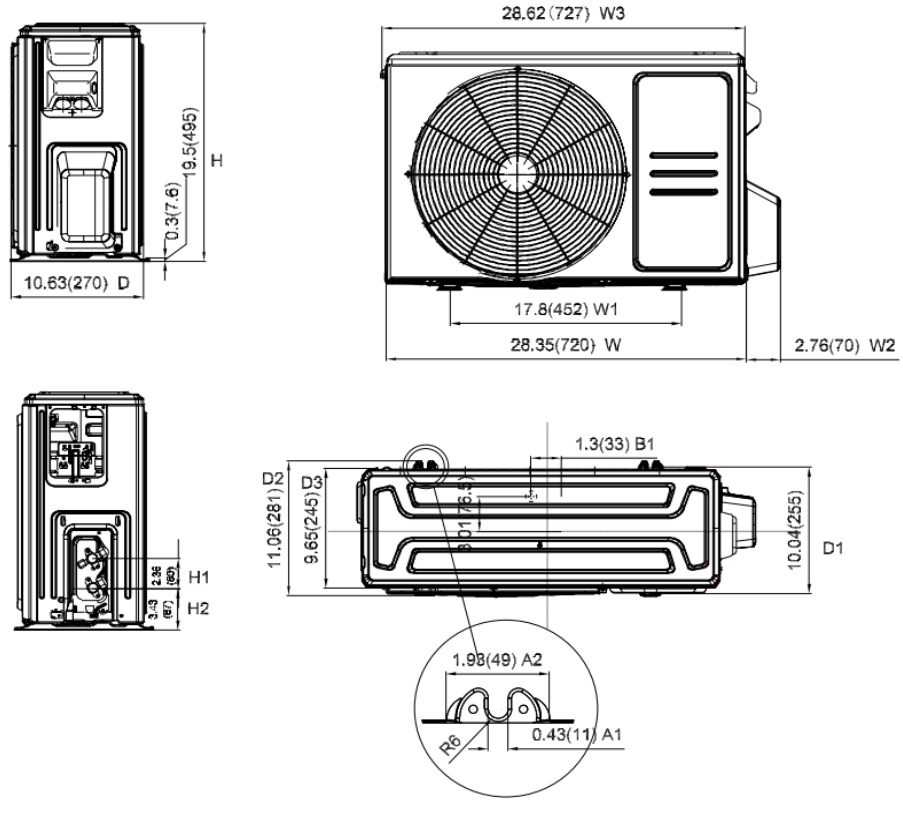
Compressor		
Type		KSK103D33UEZ3(YJ)
Model		/
Brand		GMCC
Capacity	(Btu/h)	/
Input	(W)	/
Rated current (RLA)	(A)	12.53
Refrigerant oil/oil charge	(ml)	/
Throttle		Capillary
Outdoor fan motor		
Model		ZKFN-20-8-1
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	850/500
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1058.82
Outdoor noise level	[dB(A)]	55
Outdoor unit		
Dimension (W×D×H)	(inch)	28.35x10.63x19.49
	(mm)	720x270x495
Packing (W×D×H)	(inch)	32.87x11.81x21.26
	(mm)	835x300x540
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



General Features

Wireless Remote with LCD Display
46F Heating(optional)
Sleep Mode
Silent Mode(optional)
Self Clean
Follow Me (optional)

Extended Peformance Data