SUBMITTAL DATA SHEET

BLUERIDGE

BMY2417 **24,000 BTU/H(208-230V) Wall Mounted Heat Pump System**

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

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

Set Code	453087684
Indoor unit code	453087511
Outdoor unit code	453087510
Set Model	BMY2417
Indoor unit model	BMY2417WM
Outdoor unit model	BMY2417C
Ceritified	**AHRI**
	UL



SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltag	(V, Ph, Hz)	208-230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	19
Max.fuse	(A)	30
Connection wiring		14*4 AWG
Cooling		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	6400~24300
Powrer Input (Max)	(W)	2695
Rated current	(A)	12.3
SEER	(Btu/W)	16.5
EER	(Btu/W)	8.9
Heating at 47F		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	6700~27500
Powrer Input (Max)	(W)	2475
Rated current	(A)	11.3
HSPF4	(Btu/W)	9.5
HSPF5	(Btu/W)	8
COP	W/W	2.84
Heating at 17F		
Max Capacity	(Btu/h)	/

REFRIGERANT PIPE DATA

Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/62.8
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each	(oz/ft)	0.32
	(g/ft)	30
Liquid side/ Gas side	(inch)	3/8" / 5/8"
	(mm)	9.52/15.9
Max. pipe length	(ft)	98.42
	(m)	30
Max. difference in level	(ft)	65.62
	(m)	20
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)	344.44～505.90
	(m2)	32～47

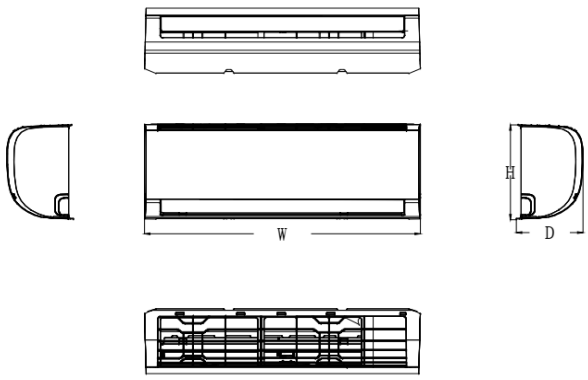
INDOOR UNIT DATA

Indoor fan motor		
Type		Cross-Flow
Model		YKFG-45-4-13
Qty		1
Input	(W)	89.0
RLA	(A)	0.45
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1200/1000/800
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo)	(CFM)	564.71/447.06/341.18
Indoor noise level (Hi/Med/	[dB(A)]	46/40/33.5
Dehumidification	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	40.94x8.66x12.87
	(mm)	1040x220x327
Packing(WxDxH)	(inch)	44.09x15.94x12.40
	(mm)	1120x405x315
Net/Gross weight	(lbs.)	28.88/36.60
	(kg)	13.1/16.6

OUTDOOR UNIT DATA

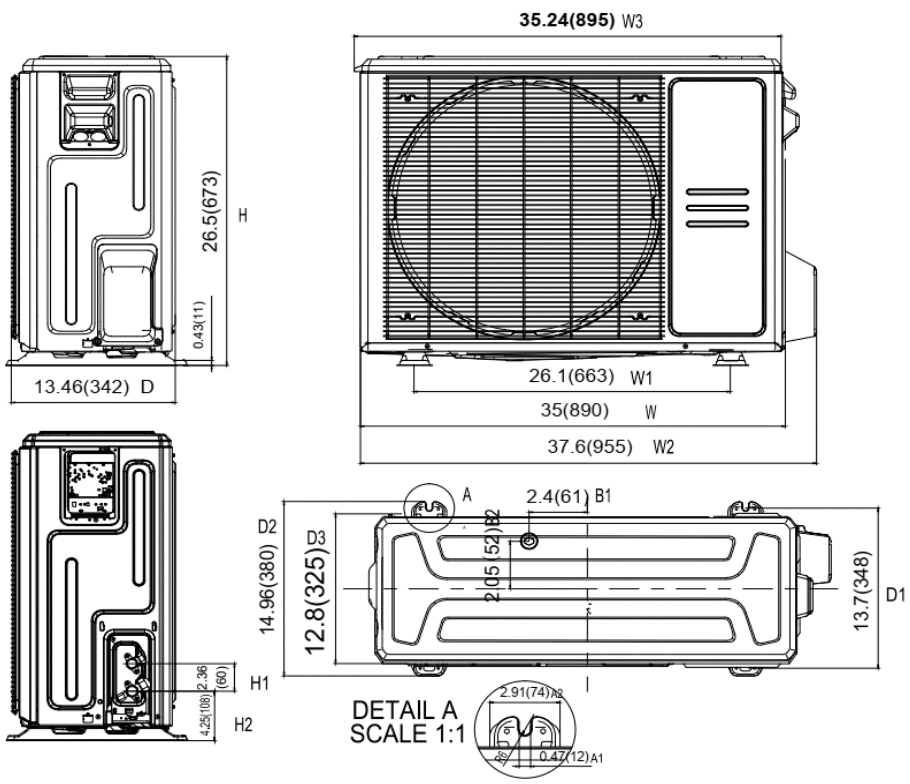
Compressor		
Type		KTM240D57UMT
Model		Twin-ROTARY
Brand		GMCC
Capacity	(Btu/h)	26410
Input	(W)	2085
Rated current (RLA)	(A)	14.25
Refrigerant oil/oil charge	(ml)	/
Throttle		Capillary
Outdoor fan motor		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	810/720
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1764.71
Outdoor noise level	[dB(A)]	59.5
Outdoor unit		
Dimension (W×D×H)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (W×D×H)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight	(lbs.)	97.88/104.50
	(kg)	44.4/47.4

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