SUBMITTAL DATA SHEET

BLUERIDGE

BMY24HH22WM/BMY24HH22C | **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	453083810
Indoor unit code	453083729
Outdoor unit code	453083728
Set Model	BMY24HH22
Indoor unit model	BMY24HH22WM
Outdoor unit model	BMY24HH22C
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)	25.0
Max.fuse	(A)	35.0
Connection wiring		16*4 AWG
Cooling		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	6850~27000
Powrer Input (Max)	(W)	1845
Rated current	(A)	8.1
SEER	(Btu/W)	21.5
EER	(Btu/W)	13
Heating at 47F		
Rated Capacity	(Btu/h)	29000
Capacity Range	(Btu/h)	11900~31000
Powrer Input (Max)	(W)	2500
Rated current	(A)	10.9
HSPF4	(Btu/W)	12
HSPF5	(Btu/W)	10
COP	W/W	3.40
Heating at 17F		
Max Capacity	(Btu/h)	19800

REFRIGERANT PIPE DATA

Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/91.7
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)	164.0
	(m)	50.0
Max. difference in level	(ft)	82.0
	(m)	25.0
Connection method		(Flared)
Indoor(cooling/ heating)	(Deg. ℉)	63～90 / 32～86
	(Deg. ℃)	17～32 / 0～30
Outdoor(cooling/heating)	(Deg. ℉)	-22~122 / -22~86
	(Deg. ℃)	-30～50 / -30 ~ 30
Application area	(sq.ft)	344.44～505.90

INDOOR UNIT DATA

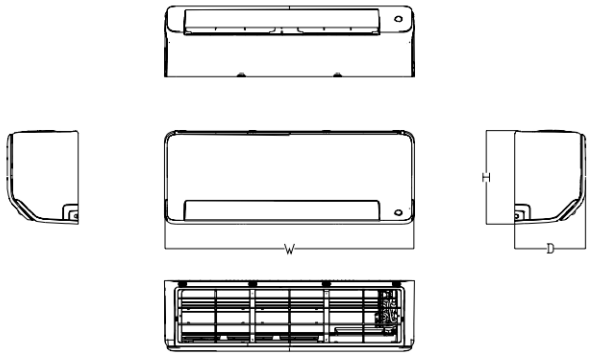
Indoor fan motor		
Type		Cross-Flow
Model		ZKFP-58-8-1-6
Qty		1
Input	(W)	58.0
RLA	(A)	0.5
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1000/850/700
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo)	(CFM)	611.18/414.12/318.82
Indoor noise level (Hi/Med/	[dB(A)]	46/39/34
Dehumidification	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	44.88x10.83x14.57
	(mm)	1140x275x370
Packing(WxDxH)	(inch)	48.43x17.91x13.98
	(mm)	1230x455x355
Net/Gross weight	(lbs.)	43.65/54.89
	(kg)	19.8/24.9

OUTDOOR UNIT DATA

Compressor		
Type		KTM240D43UKT
Model		DUAL ROTARY
Brand		GMCC
Capacity	(Btu/h)	25932
Input	(W)	2045
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	1150/1050/900/850
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	2235.30
Outdoor noise level	[dB(A)]	62
Outdoor unit		
Dimension (W×D×H)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (W×D×H)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	134.48/144.40
	(kg)	61/65.5

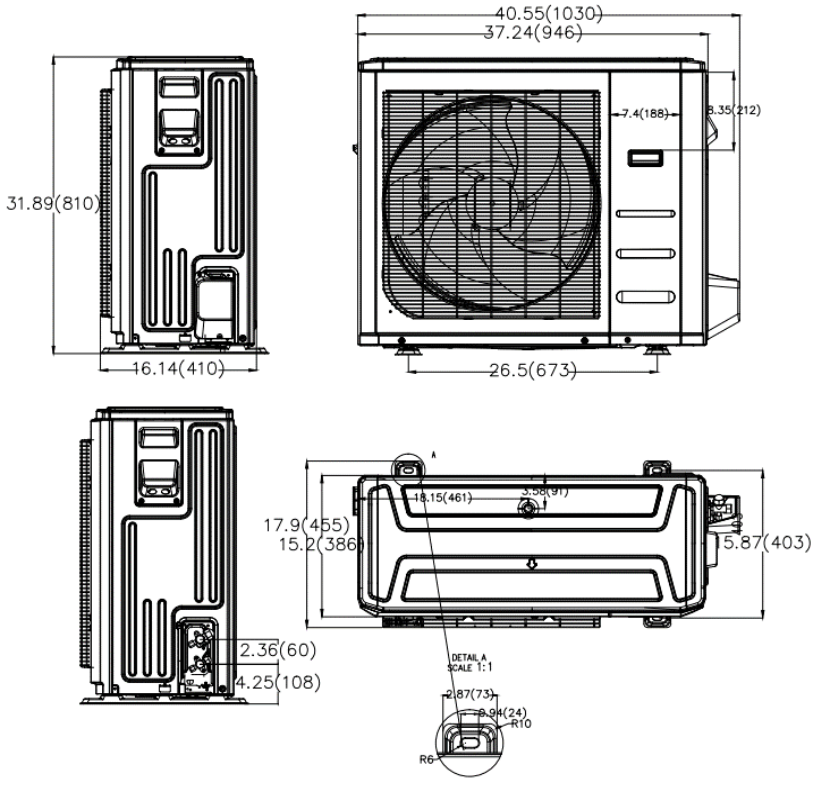
(m2)	32～47		

Indoor unit dimension



Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
9k~12k	B	795/31.3	225/8.86	295/11.61
18k~24k	C	965/38	239/9.41	319/12.56
24k~36k	D	1140/44.88	275/10.83	370/14.57

Outdoor unit dimension



General Features

Intelligent Eye(optional)
Easy Installation
Easy Maintenance
Easy Clean
High Efficiency
Wireless Remote with LCD Display

Extended Peformance Data