

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 453083810
 Outdoor unit code 453083729
 Outdoor unit code 453083728

Set Model
 Indoor unit model BMY24HH22
 Indoor unit model BMY24HH22WM
 Outdoor unit model BMY24HH22C

Certified
 AHRI
 UL
 C UL US LISTED
 ENERGY STAR



SYSTEM PERFORMANCE DATA

Power supply
 Normal Operational Voltage (V, Ph, Hz) 208/230V, 1Ph, 60Hz
 Voltage Range (V) 187-253

Electrical
 Minimum circuit ampacity (Outdoor) (A) 25.0
 Max. fuse (Outdoor) (A) 35.0
 Connection wiring 14AWG*4

Cooling
 Capacity (Btu/h) 24000(6850-27000)
 Power Input (W) 1845(310-2400)
 Current (A) 8.1(2.12-11)
 SEER2 (Btu/W) 21.5
 EER2 (Btu/W) 13.0

Heating
 Capacity (Btu/h) 29000(11600-33000)
 Power Input (W) 2500(670-3000)
 Current (A) 10.9(4.32-13)
 HSPF2-4 (Btu/W) 11.4
 HSPF2-5 (Btu/W) 9.2
 COP W/W 3.40
 Heat at 17F(H32) (Btu/h) 21200
 Heat at 5F(H42) (Btu/h) 25000
 COP at 5F(H42) W/W 2.21

REFRIGERANT PIPE DATA

	Indoor unit	N/A
Throttle type	Outdoor unit	EXV+Throttle valve
Design pressure (PSIG)		550/340
Refrigerant Type		R410A
Refrigerant charge (oz)		91.71
Refrigerant precharge (ft)		25.0
Refrigerant precharge (m)		7.5
Additional charge for each ft (oz/ft)		0.32
Additional charge for each m (g/m)		30.0
Liquid side/ Gas side(indoor) (inch)		3/8"/5/8"
(mm)		9.52/15.9
Liquid side/ Gas side(outdoor) (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)	(Deg. °F)	60~90
	(Deg. °C)	16~32
Indoor(heating)	(Deg. °F)	32~86
	(Deg. °C)	0~30
Outdoor(cooling)	(Deg. °F)	-22~-122
	(Deg. °C)	-30~50
Outdoor(heating)	(Deg. °F)	-22~75
	(Deg. °C)	-30~24

INDOOR UNIT DATA

Indoor fan motor
 Model ZKFP-58-8-1-6
 Qty 1
 Input (W) 58.00
 Output (W) 58.0
 RLA (A) 0.5
 Speed(Hi/Mid/Lo) (r/min) 1000/850/700

Air flow & Noise level
 Indoor air flow (Hi/Med/Lo) (No duct) (CFM) 718.82/611.18/414.12/318.82
 Indoor noise level (Hi/Med/Lo) [dB(A)] 46/39/34

Dehumidification (L/H) 2.6

Indoor unit
 Dimension (WxDxH) (inch) 46.85x11.20x14.59
 (mm) 1190x284.6x370.6
 Packing(WxDxH) (inch) 50.39x14.17x17.91
 (mm) 1280x360x455
 Net/Gross weight (lbs.) 43.65/54.89
 (kg) 19.8/24.9

OUTDOOR UNIT DATA

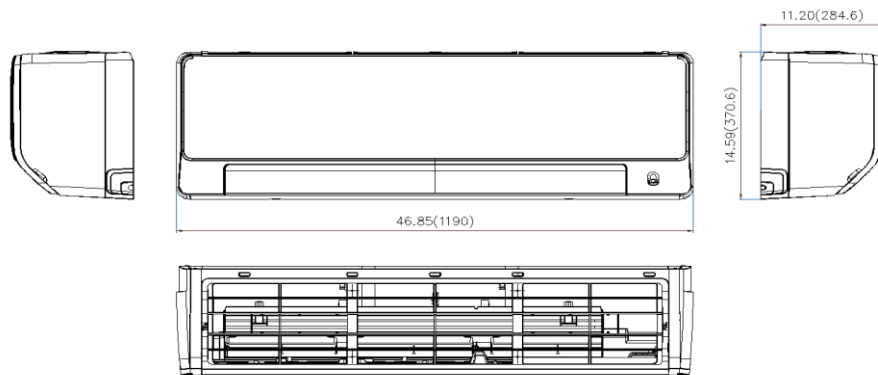
Compressor
 Type Twin-ROTARY
 Model KTM240D43UKT
 Brand GMCC
 Capacity (Btu/h) 25931
 Input (W) 2045
 Rated current (RLA) (A) 17.1
 Refrigerant oil/oil charge (ml) ESTER OIL VG74 620

Outdoor fan motor
 Model ZKFN-120-8-2
 Qty 1
 Input (W) 150.0
 Output (W) 120
 RLA (A) 0.5
 Speed (r/min) 950/800/500

Air flow & Noise level
 Outdoor air flow (Max.) (CFM) 2235
 Outdoor noise level [dB(A)] 62.0

Outdoor unit
 Dimension (WxDxH) (inch) 37.24x16.14x31.89
 (mm) 946x410x810
 Packing (WxDxH) (inch) 42.91x19.69x34.84
 (mm) 1090x500x885
 Net/ Gross weight (lbs.) 134.48/144.40
 (kg) 61/65.5

Indoor unit dimension



Outdoor unit dimension

