



SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

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

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

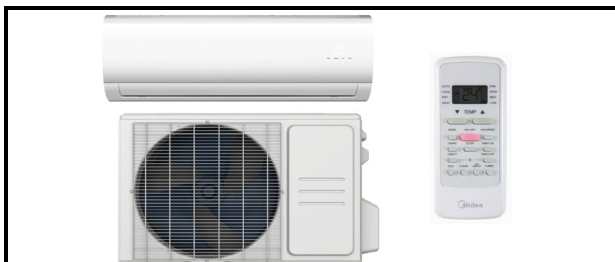
Set Code
Indoor unit code 22022010018897
Outdoor unit code 22022011015543
22022016015522

Set Model
Indoor unit model BMY917
Outdoor unit model BMY917VWM
BMY917C

Certified

AHRI

UL



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) 9.0
Max. fuse (Outdoor) (A) 15.0
Connection wiring 14#x4

Cooling

Capacity (Btu/h) 9000(3610~12500)
Power Input (W) 857(306~1510)
Current (A) 3.73(1.33~6.56)
SEER2 (Btu/W) 18.5
EER2 (Btu/W) 10.5

Heating

Capacity (Btu/h) 10000(3810~13000)
Power Input (W) 856(310~1268)
Current (A) 3.72(1.34~5.51)
HSPF2-4 (Btu/W) 8.8
HSPF2-5 (Btu/W) 6.7
COP W/W 3.42
Heat at 17F(H32) (Btu/h) 6400
Heat at 5F(H42) (Btu/h) 7100
COP at 5F(H42) W/W 2.10

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. °F)	62~90
	(Deg. °C)	17~32

INDOOR UNIT DATA

Indoor fan motor

Model YKFG-20-4-10L
Qty 1
Input (W) 47.4
Output (W) 20.0
RLA (A) 0.3
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)] 41.5/34.5/25.5

Dehumidification

(L/H) 1.59

Indoor unit

Dimension (WxDxH) (inch) 31.69x7.64x11.22
(mm) 805x194x285
Packing(WxDxH) (inch) 34.25x10.63x14.37
(mm) 870x270x365
Net/Gross weight (lbs.) 17.20/22.05
(kg) 7.8/10

OUTDOOR UNIT DATA

Compressor

Type ROTARY
Model KSK103D33UEZ3
Brand GMCC
Capacity (Btu/h) 11106
Input (W) 826
Rated current (RLA) (A) 6.47
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) 0.5
Speed (r/min) 850/500

Air flow & Noise level

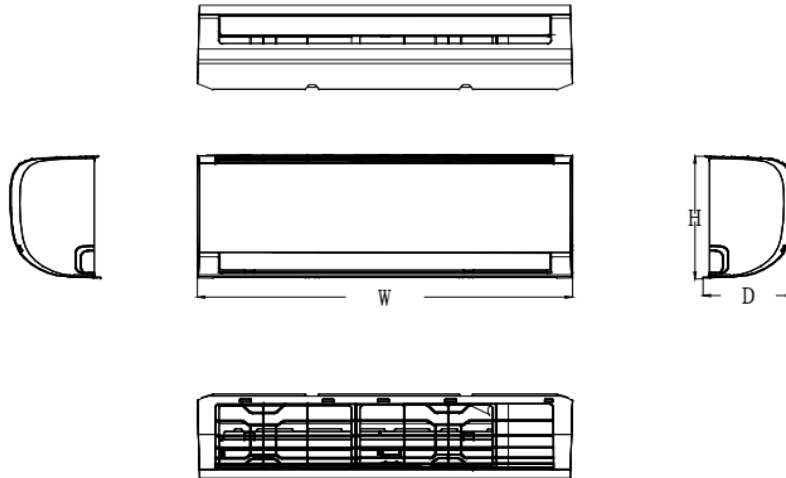
Outdoor air flow (Max.) (CFM) 1059
Outdoor noise level [dB(A)] 54.5

Outdoor unit

Dimension (WxDxH) (inch) 28.35x10.63x19.49
(mm) 720x270x495
Packing (WxDxH) (inch) 32.87x11.81x21.26
(mm) 835x300x540

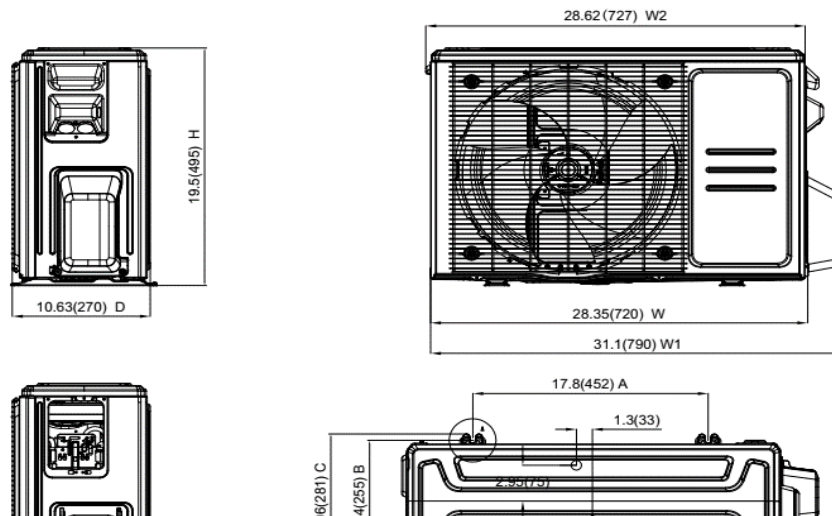
Indoor(heating)	(Deg. $^{\circ}\text{F}$)	32~86	Net/ Gross weight	(lbs.)	52.91/56.44
	(Deg. $^{\circ}\text{C}$)	0~30		(kg)	24/25.6
Outdoor(cooling)	(Deg. $^{\circ}\text{F}$)	5~122			
	(Deg. $^{\circ}\text{C}$)	-15~50			
Outdoor(heating)	(Deg. $^{\circ}\text{F}$)	5~86			
	(Deg. $^{\circ}\text{C}$)	-15~30			

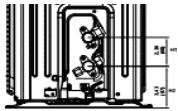
Indoor unit dimension



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

