

SUBMITTAL DATA SHEET



Wall Mounted Heat Pump System

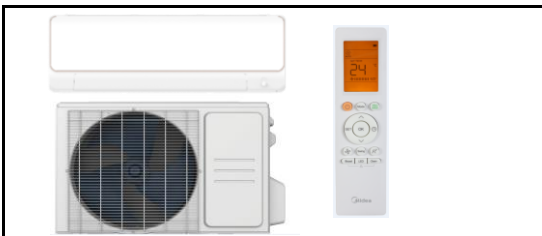
Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

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

Set Code
 Indoor unit code 453083807
 Outdoor unit code 453083723

Set Model
 Indoor unit model BMY9HH28
 Outdoor unit model BMY9HH28C

Certified



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) 15.0
 Max. fuse (Outdoor) (A) 15.0
 Connection wiring 14AWG*4

Cooling

Capacity (Btu/h) 9000(3300~14300)
 Power Input (W) 556(180~1180)
 Current (A) 2.5(0.78~5.13)
 SEER2 (Btu/W) 28.1
 EER2 (Btu/W) 16.2

Heating

Capacity (Btu/h) 12000(5000~15200)
 Power Input (W) 907(370~1500)
 Current (A) 4.1(1.6~6.52)
 HSPF2-4 (Btu/W) 11.5
 HSPF2-5 (Btu/W) 9.0
 COP W/W 3.81
 Heat at 17F(H32) (Btu/h) 9500
 Heat at 5F(H42) (Btu/h) 10600
 COP at 5F(H42) W/W 2.00

REFRIGERANT PIPE DATA

	Indoor unit	N/A
Throttle type	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	41.62
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)	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-20-8-6-21
Qty		1
Input	(W)	50.00
Output	(W)	20.0
RLA	(A)	0.3
Speed(Hi/Mi/Lo)	(r/min)	1100/850/700

Air flow & Noise level

Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	382.35/335.29/229.41/176.47
Indoor noise level (Hi/Med/Lo)	[dB(A)]	38/33.5/23.5

Dehumidification

	(L/H)	0.38
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Indoor unit

Dimension (WxDxH)	(inch)	33.40x9.18x11.76
	(mm)	848.4x233.2x298.6
Packing(WxDxH)	(inch)	36.22x12.20x14.57
	(mm)	920x310x370
Net/Gross weight	(lbs.)	22.71/28.88
	(kg)	10.3/13.1

OUTDOOR UNIT DATA

Compressor

Type		ROTARY
Model		KTN110D42UFZ
Brand		GMCC
Capacity	(Btu/h)	11823
Input	(W)	885
Rated current (RLA)	(A)	8.8
Refrigerant oil/oil charge	(ml)	VG74/350

Outdoor fan motor

Model		ZKFN-34-10-1
Qty		1
Input	(W)	/
Output	(W)	34
RLA	(A)	0.4
Speed	(r/min)	850/680/450

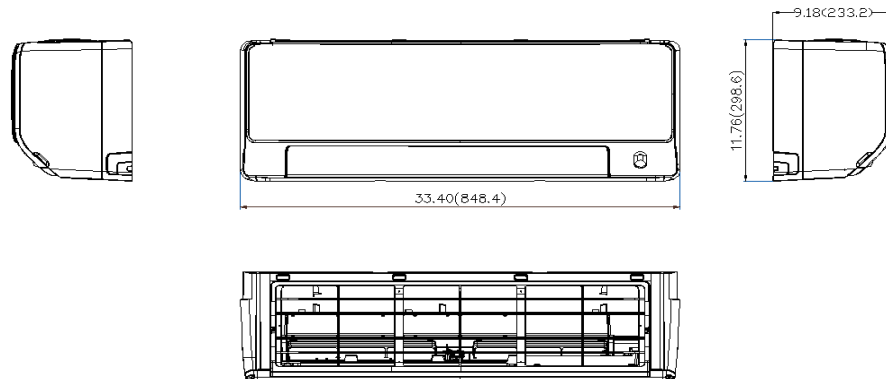
Air flow & Noise level

Outdoor air flow (Max.)	(CFM)	1324
Outdoor noise level	[dB(A)]	54.5

Outdoor unit

Dimension (WxDxH)	(inch)	31.69x12.99x21.81
	(mm)	805x330x554
Packing (WxDxH)	(inch)	36.02x14.57x24.21
	(mm)	915x370x615
Net/ Gross weight	(lbs.)	74.07/80.25
	(kg)	33.6/36.4

Indoor unit dimension



Outdoor unit dimension

