



SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

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

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

Set Code 22022010018258
Indoor unit code 22022011016943
Outdoor unit code 22022016016744

Set Model BMY2419
Indoor unit model BMY2419WM
Outdoor unit model BMY2419C

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)	19.0
Max.fuse(Outdoor)	(A)	30.0
Connection wiring		14#x4
Cooling		
Capacity	(Btu/h)	24000(6200~24600)
Power Input	(W)	2520(292~2900)
Current	(A)	11.2(1.95~12.7)
SEER2	(Btu/W)	18.5
EER2	(Btu/W)	9.5
Heating		
Capacity	(Btu/h)	24000(6800~26800)
Power Input	(W)	2350(437~2900)
Current	(A)	10.25(2.88~12.7)
HSPF2-4	(Btu/W)	8.6
HSPF2-5	(Btu/W)	6.6
COP	W/W	2.99
Heat at 17F(H32)	(Btu/h)	14500
Heat at 5F(H42)	(Btu/h)	14800
COP at 5F(H42)	W/W	1.83

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	Throttle valve
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	62.79
	(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)	5~122
	(Deg. °C)	-15~50

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-58-8-1-5
Qty		1
Input	(W)	58.0
Output	(W)	58.0
RLA	(A)	0.5
Speed(Hi/Mi/Lo)	(r/min)	1200/1080/600
Air flow & Noise level		
Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	727.65/546.47/402.35/330.59
Indoor noise level (Hi/Med/Lo)	[dB(A)]	45/39.5/36
Dehumidification	(L/H)	2.7
Indoor unit		
Dimension (WxDxH)	(inch)	42.60x9.21x13.27
	(mm)	1082x234x337
Packing(WxDxH)	(inch)	45.47x16.34x12.40
	(mm)	1155x415x315
Net/Gross weight	(lbs.)	29.98/38.14
	(kg)	13.6/17.3

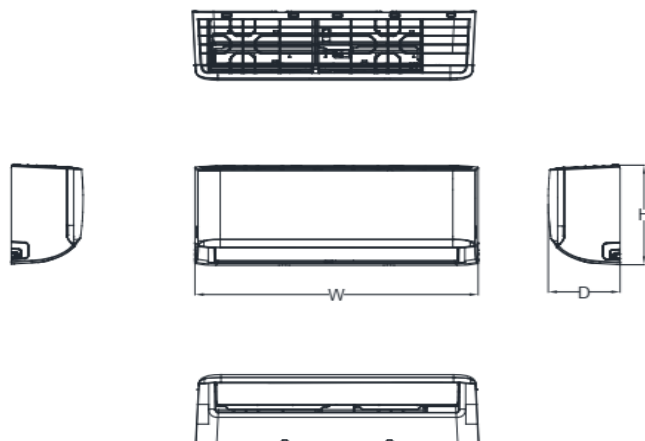
OUTDOOR UNIT DATA

Compressor		
Type		Twin-ROTARY
Model		KTM240D43UKT
Brand		GMCC
Capacity	(Btu/h)	25931
Input	(W)	2045
Rated current (RLA)	(A)	14.25
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 620
Outdoor fan motor		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	/
Output	(W)	80
RLA	(A)	0.8
Speed	(r/min)	810/720
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1765
Outdoor noise level	[dB(A)]	60.0
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

Outdoor(heating)

(Deg. °F)
(Deg. °C)5~75
-15~24

Indoor unit dimension



Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
6K~11K	A	729/28.7	200/7.87	292/11.5
8K~14K	B	802/31.57	200/7.87	295/11.61
12K~21K	C	971/38.23	228/8.98	321/12.64
18K~28K	D	1082/42.6	234/9.21	337/13.27
27K~36K	F	1259/49.57	283/11.14	362/14.25

Outdoor unit dimension

