



SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System	
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Set Code	22022010018125
Indoor unit code	22022011016883
Outdoor unit code	22022016016743
Set Model	
Indoor unit model	MIU-A09W-1
Outdoor unit model	MOU-A09G-1
Certified	
AHRI	
UL	



SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	115V, 1Ph, 60Hz
Voltage Range	(V)	103.5-126.5
Electrical		
Minimum circuit ampacity(Outdoor)	(A)	20.0
Max.fuse(Outdoor)	(A)	30.0
Connection wiring		14#x4
Cooling		
Capacity	(Btu/h)	9000(2650~10300)
Power Input	(W)	720(245~950)
Current	(A)	6.26(2.13~9.16)
SEER2	(Btu/W)	21.5
EER2	(Btu/W)	12.5
Heating		
Capacity	(Btu/h)	10000(2700~10500)
Power Input	(W)	900(220~1200)
Current	(A)	7.82(1.95~10.45)
HSPF2-4	(Btu/W)	9.1
HSPF2-5	(Btu/W)	7.0
COP	W/W	3.26
Heat at 17F(H32)	(Btu/h)	6300
Heat at 5F(H42)	(Btu/h)	7000
COP at 5F(H42)	W/W	2.16

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	Capillary
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	25.40
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)	5~122
	(Deg. °C)	-15~50
Outdoor(heating)	(Deg. °F)	5~75
	(Deg. °C)	-15~24

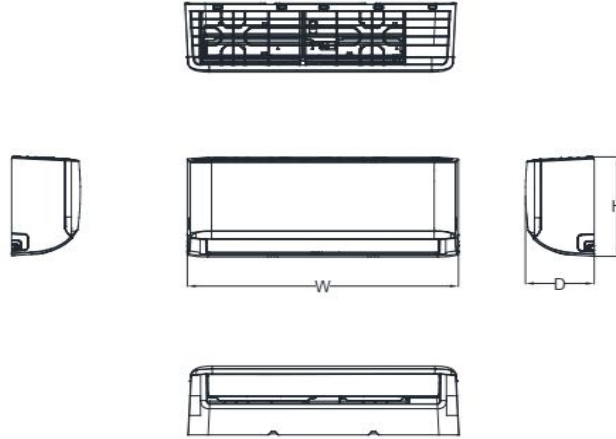
INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-20-8-113
Qty		1
Input	(W)	35.0
Output	(W)	20.0
RLA	(A)	0.2
Speed(Hi/Mi/Lo)	(r/min)	1050/810/690
Air flow & Noise level		
Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	311.76/238.82/170.00/137.06
Indoor noise level (Hi/Med/Lo)	[dB(A)]	37.5/28/20
Dehumidification	(L/H)	0.891
Indoor unit		
Dimension (WxDxH)	(inch)	28.70x7.87x11.50
	(mm)	729x200x292
Packing(WxDxH)	(inch)	31.10x10.63x14.76
	(mm)	790x270x375
Net/Gross weight	(lbs.)	17.64/22.71
	(kg)	8.0/10.3

OUTDOOR UNIT DATA

Compressor		
Type		ROTARY
Model		KSK103D33UEZ3
Brand		GMCC
Capacity	(Btu/h)	11106
Input	(W)	826
Rated current (RLA)	(A)	14
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 310
Outdoor fan motor		
Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	/
Output	(W)	34
RLA	(A)	0.3
Speed	(r/min)	800/600
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1294
Outdoor noise level	[dB(A)]	55.0
Outdoor unit		
Dimension (WxDxH)	(inch)	30.12x11.93x21.85
	(mm)	765x303x555
Packing (WxDxH)	(inch)	34.92x13.27x24.02
	(mm)	887x337x610
Net/ Gross weight	(lbs.)	57.76/63.49
	(kg)	26.2/28.8

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

