



## SUBMITTAL DATA SHEET

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

<b>Set Code</b>	22022010018160
Indoor unit code	22022011016941
Outdoor unit code	22022016016720
<b>Set Model</b>	
Indoor unit model	MIU-A18GW-2
Outdoor unit model	MOU-A18G-2
<b>Certified</b>	
AHRI	
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### SYSTEM PERFORMANCE DATA

<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity(Outdoor)	(A)	15.0
Max.fuse(Outdoor)	(A)	20.0
Connection wiring		14#x4
<b>Cooling</b>		
Capacity	(Btu/h)	18000(3900~20000)
Power Input	(W)	1638(180~1480)
Current	(A)	7.5(0.78~6.43)
SEER2	(Btu/W)	19.5
EER2	(Btu/W)	11.0
<b>Heating</b>		
Capacity	(Btu/h)	18800(6300~19400)
Power Input	(W)	1806(375~1770)
Current	(A)	/(1.63~7.69)
HSPF2-4	(Btu/W)	8.7
HSPF2-5	(Btu/W)	6.8
COP	W/W	3.05
Heat at 17F(H32)	(Btu/h)	11400
Heat at 5F(H42)	(Btu/h)	11700
COP at 5F(H42)	W/W	2.06

### REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
Design pressure	Outdoor unit	Capillary
Refrigerant Type	(PSIG)	550/340
Refrigerant charge		R410A
Refrigerant precharge	oz	47.62
Additional charge for each ft	(ft)	25.0
Additional charge for each m	(m)	7.5
Liquid side/ Gas side(indoor)	(oz/ft)	0.16
Liquid side/ Gas side(outdoor)	(g/m)	15.0
Max. pipe length	(inch)	1/4"/1/2"
Max. difference in level	(mm)	6.35/12.7
Connection method	(inch)	1/4"/1/2"
Indoor(cooling)	(mm)	6.35/12.7
Indoor(heating)	(ft)	98.4
Outdoor(cooling)	(m)	30.0
Outdoor(heating)	(ft)	65.6
	(m)	20.0
	(Deg. °F)	Flared
	(Deg. °C)	60~90
	(Deg. °F)	16~32
	(Deg. °C)	32~86
	(Deg. °F)	0~30
	(Deg. °C)	5~122
	(Deg. °F)	-15~50
	(Deg. °C)	5~75
	(Deg. °F)	-15~24
	(Deg. °C)	

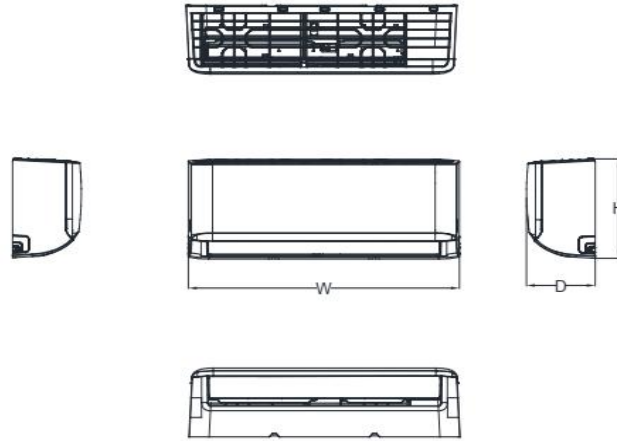
### INDOOR UNIT DATA

<b>Indoor fan motor</b>		
Model		ZKFP-30-8-3-10
Qty		1
Input	(W)	36.0
Output	(W)	30.0
RLA	(A)	0.4
Speed(Hi/Mi/Lo)	(r/min)	1200/1000/700
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	//458.82/329.41/270.59
Indoor noise level (Hi/Med/Lo)	[dB(A)]	45/38/30.0
<b>Dehumidification</b>	(L/H)	2.49
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	38.23x8.98x12.64
	(mm)	971x228x321
Packing(WxDxH)	(inch)	41.14x12.01x15.94
	(mm)	1045x305x405
Net/Gross weight	(lbs.)	24.47/31.75
	(kg)	11.1/14.4

### OUTDOOR UNIT DATA

<b>Compressor</b>		
Type		ROTARY
Model		KSN140D21UFZ
Brand		GMCC
Capacity	(Btu/h)	14962
Input	(W)	1140
Rated current (RLA)	(A)	10
Refrigerant oil/oil charge	(ml)	VG74 440
<b>Outdoor fan motor</b>		
Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	/
Output	(W)	34
RLA	(A)	0.7
Speed	(r/min)	950/800/650/450
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1235
Outdoor noise level	[dB(A)]	57.0
<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	31.69x12.99x21.81
	(mm)	805x330x554
Packing (WxDxH)	(inch)	36.02x14.57x24.21
	(mm)	915x370x615
Net/ Gross weight	(lbs.)	73.85/79.81
	(kg)	33.5/36.2

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

