



## SUBMITTAL DATA SHEET

Ceiling&Floor Heat Pump System	
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

<b>Set Code</b>	22022710003697
Indoor unit code	22022711000659
Outdoor unit code	22023116000121
<b>Set Model</b>	
Indoor unit model	MIU-A36LF-2
Outdoor unit model	MOU-A36L-2
<b>Certified</b>	
AHRI	
CSA	



### 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)	30.0
Max.fuse(Outdoor)	(A)	45.0
Connection wiring		14AWG*2 Stranded, shielded
<b>Cooling</b>		
Capacity	(Btu/h)	36000(11476~36000)
Power Input	(W)	4235(480~4390)
Current	(A)	19.09(3.47~19.09)
SEER2	(Btu/W)	19.0
EER2	(Btu/W)	8.5
<b>Heating</b>		
Capacity	(Btu/h)	38000(11467~38000)
Power Input	(W)	4150(665~4150)
Current	(A)	18.04(4.64~18.04)
HSPF2-4	(Btu/W)	9.0
HSPF2-5	(Btu/W)	7.0
COP	W/W	2.68
Heat at 17F(H32)	(Btu/h)	23000
Heat at 5F(H42)	(Btu/h)	22000
COP at 5F(H42)	W/W	1.80

### REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV+Throttle valve
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	113.00
Refrigerant precharge	(ft)	25.0
	(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)	213.3
	(m)	65.0
Max. difference in level	(ft)	98.4
	(m)	30.0
Connection method		Flared
Indoor(cooling)	(Deg. °F)	62~90
	(Deg. °C)	17~32
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

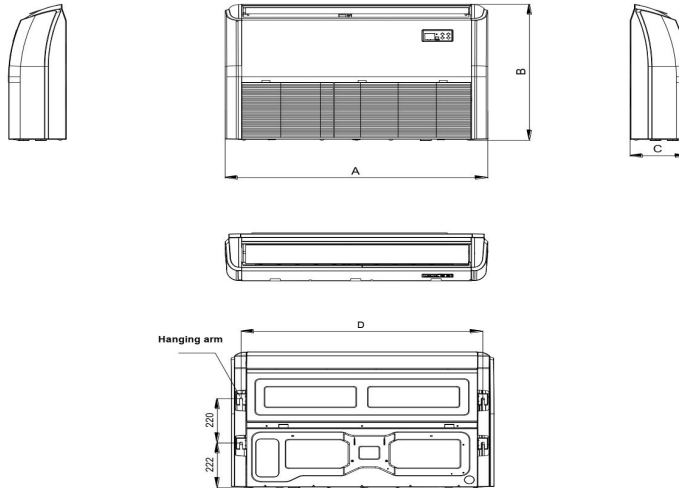
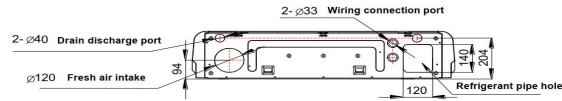
### INDOOR UNIT DATA

<b>Indoor fan motor</b>		
Model		ZKFN-115-8-1
Qty		1
Input	(W)	130.0
Output	(W)	115.0
RLA	(A)	1.50
Speed(Hi/Mi/Lo)	(r/min)	1300/1150/800
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	//1036.47/917.06/637.65
Indoor noise level (Hi/Med/Lo)	[dB(A)]	51.5/48.0/40.5
<b>Dehumidification</b>	(L/H)	4.78
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	50.59x26.57x9.25
	(mm)	1285x675x235
Packing(WxDxH)	(inch)	53.54x29.72x12.52
	(mm)	1360x755x318
Net/Gross weight	(lbs.)	69.00/81.57
	(kg)	31.3/37

### OUTDOOR UNIT DATA

<b>Compressor</b>		
Type		ROTARY
Model		KTF310D43UMT
Brand		GMCC
Capacity	(Btu/h)	34154
Input	(W)	2765
Rated current (RLA)	(A)	23.5
Refrigerant oil/oil charge	(ml)	VG74/1000
<b>Outdoor fan motor</b>		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	150.0
Output	(W)	120.0
RLA	(A)	1.35
Speed	(r/min)	950/800/500
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	3000.0
Outdoor noise level	[dB(A)]	65.0
<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (WxDxH)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	155.42/166.23
	(kg)	70.5/75.4

**Indoor unit dimension**



Capacity (Btu/h)	Unit	A	B	C	D
18K / 24K	mm	1068	675	235	983
	inch	42.05	26.57	9.25	38.70
36K	mm	1285	675	235	1200
	inch	50.59	26.57	9.25	47.24
48K/60K	mm	1650	675	235	1565
	inch	64.96	26.57	9.25	61.61

**Outdoor unit dimension**

