

## SUBMITTAL DATA SHEET

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

<b>Set Code</b>	22023110000927
Indoor unit code	22023111000410
<b>Set Model</b>	ACIQ-30AHB-HH-M
Indoor unit model	
<b>Certified</b>	AHRI
	UL

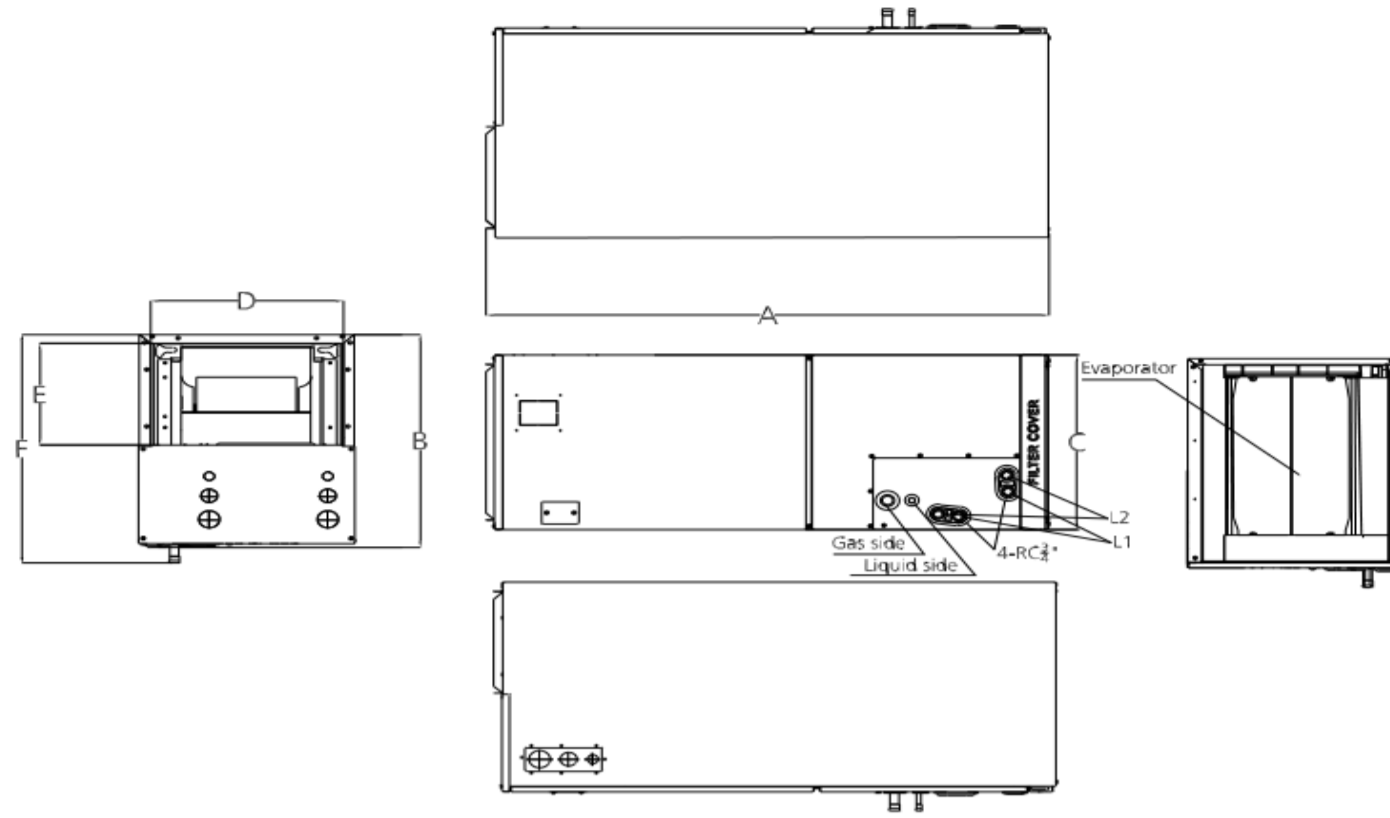


SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Connection wiring		14AWG*4
<b>Cooling</b>		
Capacity	(Btu/h)	30000(9500~31200)
Power Input	(W)	2680(620~3200)
Current	(A)	11.9(4.50~14.5)
SEER2	(Btu/W)	17.5
EER2	(Btu/W)	11.2
<b>Heating</b>		
Capacity	(Btu/h)	30000(12000~32000)
Power Input	(W)	2500(900~2900)
Current	(A)	11.1(6.2~13)
HSPF2-4	(Btu/W)	8.4
HSPF2-5	(Btu/W)	6.5
COP	W/W	3.52
Heat at 17F(H32)	(Btu/h)	20500
Heat at 5F(H42)	(Btu/h)	19000
COP at 5F(H42)	W/W	1.81

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit	N/A
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	98.77
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
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

INDOOR UNIT DATA		
<b>Indoor fan motor</b>		
Model		ZKFD-375-8-1-1
Qty		1
Input	(W)	/
Output	(W)	/
RLA	(A)	3.5
Speed(Hi/Mi/Lo)	(r/min)	/
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	1088.24/894.12/805.88/711.76
Indoor noise level (Hi/Med/Lo)	[dB(A)]	40/38/35
<b>Dehumidification</b>	(L/H)	3.51
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	21.02x21.02x49.02
	(mm)	534x534x1245
Packing(WxDxH)	(inch)	26.57x24.41x52.56
	(mm)	675x620x1335
Net/Gross weight	(lbs.)	129.63/153.00
	(kg)	58.8/69.4

Indoor unit dimension



Model	Unit	Dimensions(mm)						Drain hole	
		A	B	C	D	E	F	L1	L2
18k~24k	mm	1143	534	445	400	260	585	Main drain	Overflow drain
	inch	45	21	17-1/2	15-3/4	10-1/4	23		
30k~48k	mm	1245	534	534	490	260	585		
	inch	49	21	21	19-5/16	10-1/4	23		
60k	mm	1346	534	622	580	260	585		
	inch	53	21	24-1/2	22-7/8	10-1/4	23		

