

SUBMITTAL DATA SHEET



A-Coil (30000Btu/h)	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

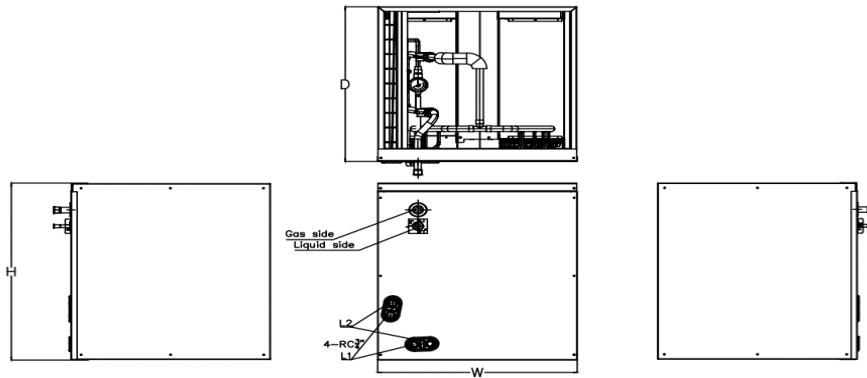
Set Model	
Indoor unit model	ACP-36C
Outdoor unit model	CPH30CD(O)
Certified	
AHRI	
UL	



SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	23.0
Max.fuse	(A)	35.0
Connection wiring		18AWG
Cooling		
Rated Capacity	(Btu/h)	30000
Capacity Range	(Btu/h)	9900~35000
Power Input (Max)	(W)	2855(660~3720)
Rated current	(A)	11.1(3.10~14.4)
SEER2	(Btu/W)	15.5
EER2	(Btu/W)	10.5
Heating at 47F		
Rated Capacity	(Btu/h)	33000
Capacity Range	(Btu/h)	9000~37000
Power Input (Max)	(W)	2850(640~3300)
Rated current	(A)	11.0(3.00~13)
HSPF2-4	(Btu/W)	9.7
HSPF2-5	(Btu/W)	7.7
COP	W/W	3.39
Heating at 5F		
Capacity	(Btu/h)	27000
COP	W/W	1.85
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/134.04
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65.0
Liquid side/ Gas side	(inch)	3/8" / 3/4"
	(mm)	Φ9.52 / Φ19
Max. pipe length	(ft)	164.0
	(m)	50.0
Max. difference in level	(ft)	82.0
	(m)	25.0
Connection method	Indoor	Braze
	Outdoor	Flared to braze
Indoor(cooling)	(Deg. °F / °C)	62~90 / 17~32
Indoor(heating)	(Deg. °F / °C)	32~86 / 0~30
Outdoor(cooling)	(Deg. °F / °C)	5~122 / -15~50
Outdoor(heating)	(Deg. °F / °C)	-22~75 / -30~24

INDOOR UNIT DATA	
Throttle	TXV for Cooling
Indoor fan motor	
Type	---
Model	---
Qty	---
Input	(W) ---
RLA	(A) ---
LRA	(A) ---
Winding Resistance	(Ω) ---
Capacitor	(uF) ---
Speed(Hi/Mi/Lo)	(r/min) ---
Air flow & Noise level	
Indoor air flow (Hi/Med/Lo)	(CFM) ---
Indoor noise level (Hi/Med/Lo)	[dB(A)] ---
Dehumidification	
Indoor unit	---
Dimension (WxDxH)	(inch) 20.98x20.98x23.98
	(mm) 533x533x609
Packing(WxDxH)	(inch) 23.43x25.59x25.39
	(mm) 595x650x645
Net/Gross weight	(lbs.) 64.37/75.40
	(kg) 29.2/34.2
OUTDOOR UNIT DATA	
Compressor	
Type	KTF310D43UMT
Model	ROTARY
Brand	GMCC
Capacity	(Btu/h) 34154.1
Input	(W) 2765
Rated current (RLA)	(A) -
Refrigerant oil/oil charge	(ml) VG74/1000
Throttle	
Outdoor fan motor	EEV for heating
Outdoor fan motor	
Model	ZKFN-120-8-2
Qty	1
Input	(W) --
RLA	(A) 1.35
Speed	(r/min) 950/900/500
Air flow & Noise level	
Outdoor air flow (Max.)	(CFM) 3000.0
Outdoor noise level	[dB(A)] 63.0
Outdoor unit	
Dimension (WxDxH)	(inch) 37.24x16.14x31.89
	(mm) 946x410x810
Packing (WxDxH)	(inch) 42.91x19.69x34.84
	(mm) 1090x500x885
Net/ Gross weight	(lbs.) 159.83/169.75
	(kg) 72.5/77

Indoor unit dimension



Model	Unit	Dimensions (mm)			Drain hole	
		W	D	H	L1	L2
12K-24K	mm	445	533	457	Main drain hole	Overflow drain hole
	inch	17 1/2	21	18		
30K-48K	mm	533	533	609		
	inch	21	21	24		
60K	mm	622	533	711		
	inch	24	21	28		

Outdoor unit dimension

