

# SUBMITTAL DATA SHEET



A-Coil (48000Btu/h)	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

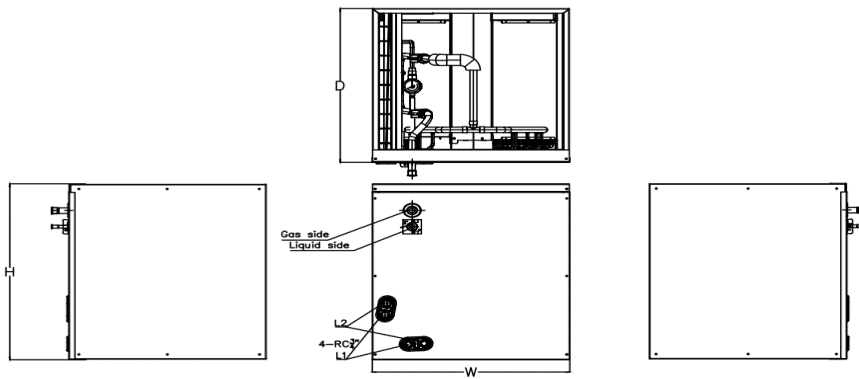
<b>Set Model</b>	Indoor unit model	ACP-48C
	Outdoor unit model	CPH48CD(O)
<b>Certified</b>	AHRI	
	UL	



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>		
Minimum circuit ampacity	(A)	40.0
Max.fuse	(A)	50.0
Connection wiring		18AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	46000
Capacity Range	(Btu/h)	46000(12300~47000)
Power Input (Max)	(W)	5400(560~5720)
Rated current	(A)	22.5(2.4~25.3)
SEER2	(Btu/W)	14.3
EER2	(Btu/W)	8.6
<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	51000
Capacity Range	(Btu/h)	15000~59000
Power Input (Max)	(W)	5020(800~6200)
Rated current	(A)	21.5(4~25.5)
HSPF2-4	(Btu/W)	9.0
HSPF2-5	(Btu/W)	7.5
COP	W/W	2.98
<b>Heating at 5F</b>		
Capacity	(Btu/h)	40000
COP	W/W	1.8
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/169.31
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)	213.3
	(m)	65.0
Max. difference in level	(ft)	98.4
	(m)	30.0
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	
<b>Throttle</b>	TXV for Cooling
<b>Indoor fan motor</b>	
Type	---
Model	---
Qty	---
Input	(W) ---
RLA	(A) ---
LRA	(A) ---
Winding Resistance	(Ω) ---
Capacitor	(uF) ---
Speed(Hi/Mi/Lo)	(r/min) ---
<b>Air flow &amp; Noise level</b>	
Indoor air flow (Hi/Med/Lo)	(CFM) ---
Indoor noise level (Hi/Med/Lo)	[dB(A)] ---
<b>Dehumidification</b>	
Indoor unit	(Pint/H) ---
Dimension (WxDxH)	(inch) 20.98x20.98x23.98
	(mm) 533x533x609
Packing(WxDxH)	(inch) 23.43x25.59x25.39
	(mm) 595x650x645
Net/Gross weight	(lbs.) 65.26/76.28
	(kg) 29.6/34.6
OUTDOOR UNIT DATA	
<b>Compressor</b>	
Type	EAPQ420D1UMUA
Model	ROTARY
Brand	GMCC
Capacity	(Btu/h) 44014.8
Input	(W) 3565
Rated current (RLA)	(A) -
Refrigerant oil/oil charge	(ml) 1460±15mlESTER OIL VG74
<b>Throttle</b>	EEV for heating
<b>Outdoor fan motor</b>	
Model	ZKFN-85-8-22-5
Qty	2
Input	(W) --
RLA	(A) 1.20
Speed	(r/min) 850/750/650
<b>Air flow &amp; Noise level</b>	
Outdoor air flow (Max.)	(CFM) 4411.8
Outdoor noise level	[dB(A)] 64.0
<b>Outdoor unit</b>	
Dimension (W×D×H)	(inch) 37.48x16.34x52.48
	(mm) 952x415x1333
Packing (W×D×H)	(inch) 43.11x19.49x58.27
	(mm) 1095x495x1480
Net/ Gross weight	(lbs.) 220.24/248.90
	(kg) 99.9/112.9

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

