

SUBMITTAL DATA SHEET



A-Coil (24000Btu/h)	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

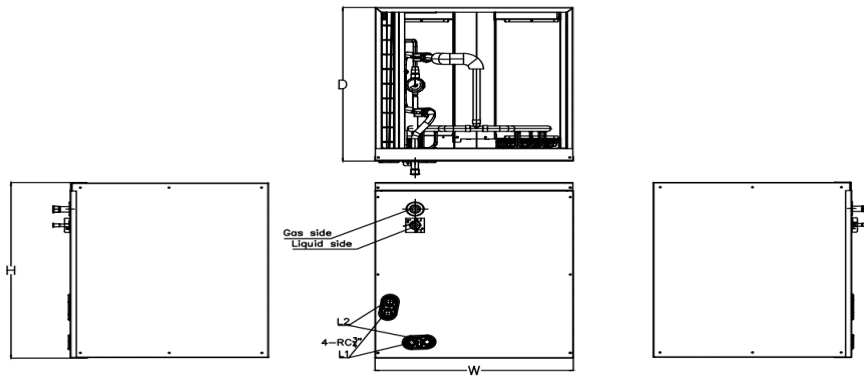
Set Model	Indoor unit model	ACP-24B
	Outdoor unit model	CPH24CD(O)
Certified	AHRI	
	UL	



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)	20.5
Max.fuse	(A)	35.0
Connection wiring		18AWG
Cooling		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	10000~28400
Power Input (Max)	(W)	2247(380~2600)
Rated current	(A)	9.43(2.33~10.68)
SEER2	(Btu/W)	16.8
EER2	(Btu/W)	10.7
Heating at 47F		
Rated Capacity	(Btu/h)	25000
Capacity Range	(Btu/h)	9600~33400
Power Input (Max)	(W)	2233(510~3160)
Rated current	(A)	9.30(3.01~12.92)
HSPF2-4	(Btu/W)	9.5
HSPF2-5	(Btu/W)	7.7
COP	W/W	3.28
Heating at 5F		
Capacity	(Btu/h)	20000
COP	W/W	1.95
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/102.32
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		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	17.52x20.98x17.99
	(mm)	445x533x457
Packing(WxDxH)	(inch)	19.88x25.59x19.29
	(mm)	505x650x490
Net/Gross weight	(lbs.)	42.77/52.03
	(kg)	19.4/23.6
OUTDOOR UNIT DATA		
Compressor		
Type		KTM240D57UMT
Model		Twin-ROTARY
Brand		GMCC
Capacity	(Btu/h)	26408.9
Input	(W)	2085
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 670
Throttle		
		EEV for heating
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	--
RLA	(A)	1.35
Speed	(r/min)	950/700/500/400
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	3000.0
Outdoor noise level	[dB(A)]	63.5
Outdoor unit		
Dimension (W×D×H)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (W×D×H)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	136.69/145.50
	(kg)	62/66

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

