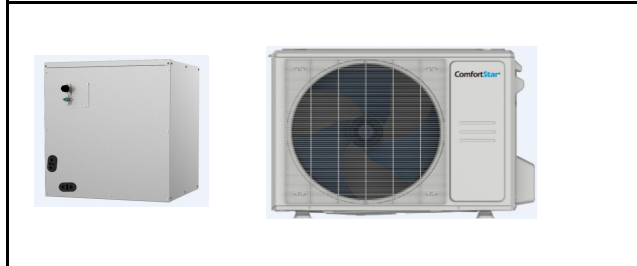


# SUBMITTAL DATA SHEET



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

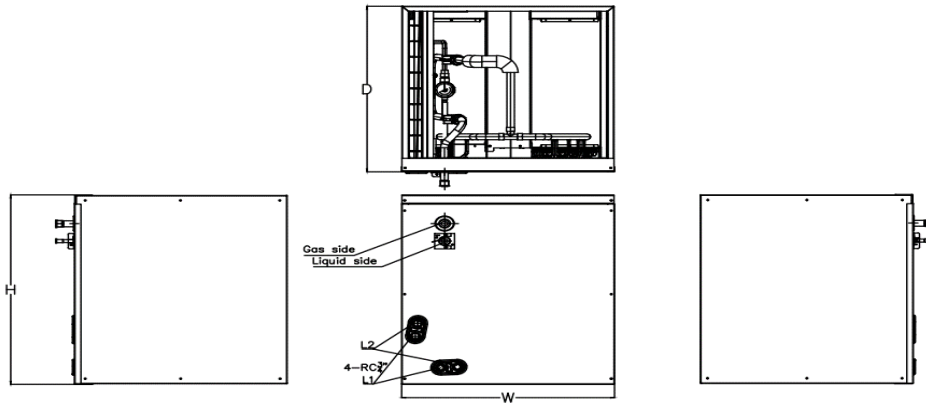
<b>Set Model</b>	
Indoor unit model	ACP-24B
Outdoor unit model	CPR24CD(O)
<b>Certified</b>	
AHRI	
UL	



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)	19
Max.fuse	(A)	30
Connection wiring		18AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	9800~28200
Power Input (Max)	(W)	2400(380~2990)
Rated current	(A)	9.0(1.0~12.0)
SEER2	(Btu/W)	16.0
EER2	(Btu/W)	10.0
<b>Heating (Standard conditions)</b>		
Rated Capacity	(Btu/h)	25600
Capacity Range	(Btu/h)	9700~31000
Power Input (Max)	(W)	2246(510~3000)
Rated current	(A)	8.5(2.0~12.0)
HSPF2-4	(Btu/W)	9.8
HSPF2-5	(Btu/W)	8.0
COP	W/W	3.34
<b>Heating at 5F</b>		
Capacity	(Btu/h)	18500
COP	W/W	2.20
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	(kg)	2.6
	(oz)	74.1
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65
Liquid side/ Gas side	(inch)	3/8" / 3/4"
	(mm)	Φ9.52 / Φ19
Max. pipe length	(ft)	164.0
	(m)	50
Max. difference in level	(ft)	82.0
	(m)	25
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)	5~75 / -15 - 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) 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	
<b>Compressor</b>	
Type	KTM240D57UMT
Model	Twin-ROTARY
Brand	GMCC
Capacity	(Btu/h) 7740
Input	(W) 2085
Rated current (RLA)	(A) 14
Refrigerant oil/oil charge	(ml) ESTER OIL VG74/670
<b>Throttle</b>	
EEV for heating	
<b>Outdoor fan motor</b>	
Model	ZKFN-80-8-3
Qty	1
Input	(W) /
RLA	(A) 1
Speed	(r/min) 810/720
<b>Air flow &amp; Noise level</b>	
Outdoor air flow (Max.)	(CFM) 1765.0
Outdoor noise level	[dB(A)] 61.5
<b>Outdoor unit</b>	
Dimension (W×D×H)	(inch) 35.04x13.46x26.50
	(mm) 890x342x673
Packing (W×D×H)	(inch) 39.17x15.67x29.13
	(mm) 995x398x740
Net/ Gross weight	(lbs.) 102.29/109.13
	(kg) 46.4/49.5

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

