



SUBMITTAL DATA SHEET

A-Coil Heat Pump System

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Set Model		
Indoor unit model	CCOEHACC3036C	
Outdoor unit model	CCOXHA24V36HP	
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)	40.0
Max.fuse	(A)	50.0
Connection wiring		18AWG
Cooling		
Rated Capacity	(Btu/h)	36000
Capacity Range	(Btu/h)	11700~40000
Power Input (Max)	(W)	3530(800~5000)
Rated current	(A)	14.8(3.5~21)
SEER	(Btu/W)	14.8
EER	(Btu/W)	9.8
Heating at 47F		
Rated Capacity	(Btu/h)	39000
Capacity Range	(Btu/h)	9200~50000
Power Input (Max)	(W)	3600(800~5000)
Rated current	(A)	15.65(3.5~21)
HSPF4	(Btu/W)	10.0
HSPF5	(Btu/W)	8.0
COP	W/W	3.18
Heating at 5F		
Capacity	(Btu/h)	32000
COP	W/W	2.0
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/165.79
Refrigerant precharge	(ft)	25.0
Additional charge for each ft	(oz/ft)	0.69
Liquid side/ Gas side	(inch)	3/8" / 3/4"
Max. pipe length	(ft)	213.3
Max. difference in level	(ft)	98.4
Connection method	Indoor	Braze
	Outdoor	Flared to braze

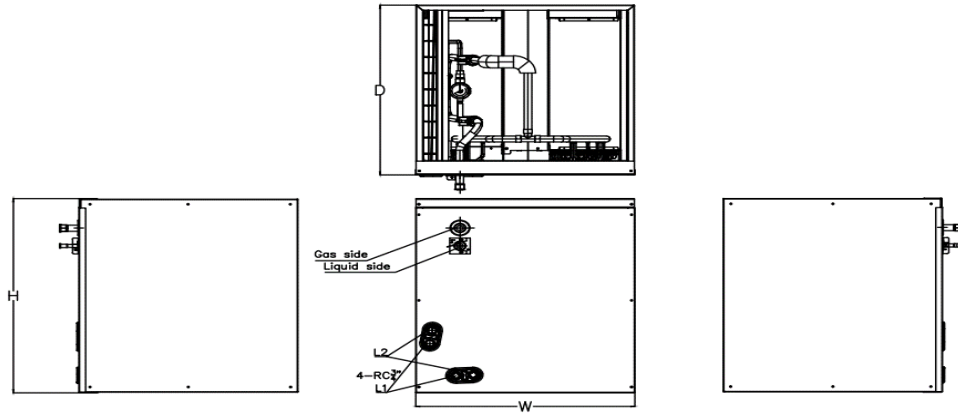
INDOOR UNIT DATA

Throttle	TXV for Cooling	
Indoor unit		
Dimension (WxDxH)	(inch)	20.98x20.98x23.98
Packing(WxDxH)	(inch)	23.43x25.59x25.39
Net/Gross weight	(lbs.)	64.37/75.40

OUTDOOR UNIT DATA

Compressor		
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
Throttle		
		EEV for heating
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	--
RLA	(A)	1.20
Speed	(r/min)	850/750/650
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4500.0
Outdoor noise level	[dB(A)]	61.0
Outdoor unit		
Dimension (WxDxH)	(inch)	37.48x16.34x52.48
Packing (WxDxH)	(inch)	43.11x19.49x58.27
Net/ Gross weight	(lbs.)	227.07/255.73
Operating Range		
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 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

