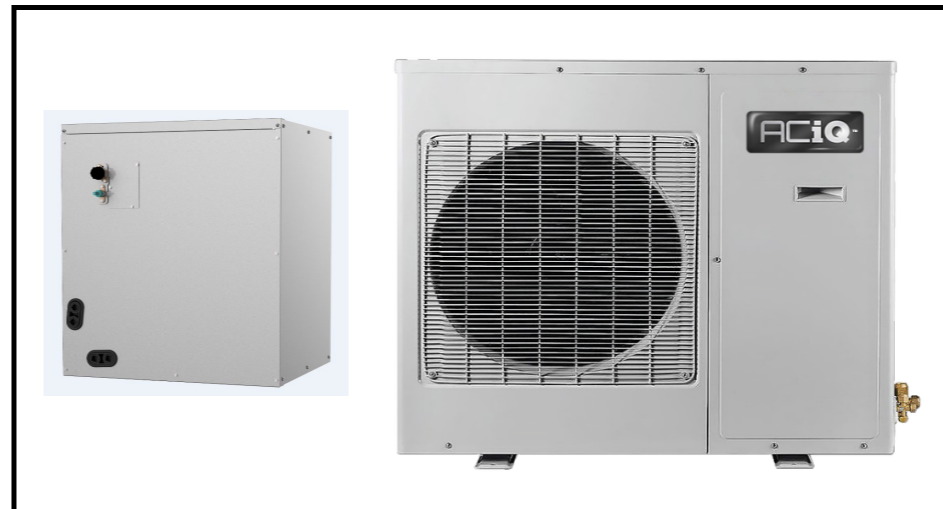


SUBMITTAL DATA SHEET



ACiQ	18000Btu/h	A-Coil
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

Set Code	22023110001307
Indoor unit code	22023111000510
Outdoor unit code	22023116000441
Set Model	
Indoor unit model	ACIQ-24-ACL
Outdoor unit model	ACIQ-18-AC
Certified	<div style="display: flex; align-items: center; gap: 10px;"> <div>AHRI</div> </div> <div style="display: flex; align-items: center; gap: 10px;"> <div>UL</div> </div>

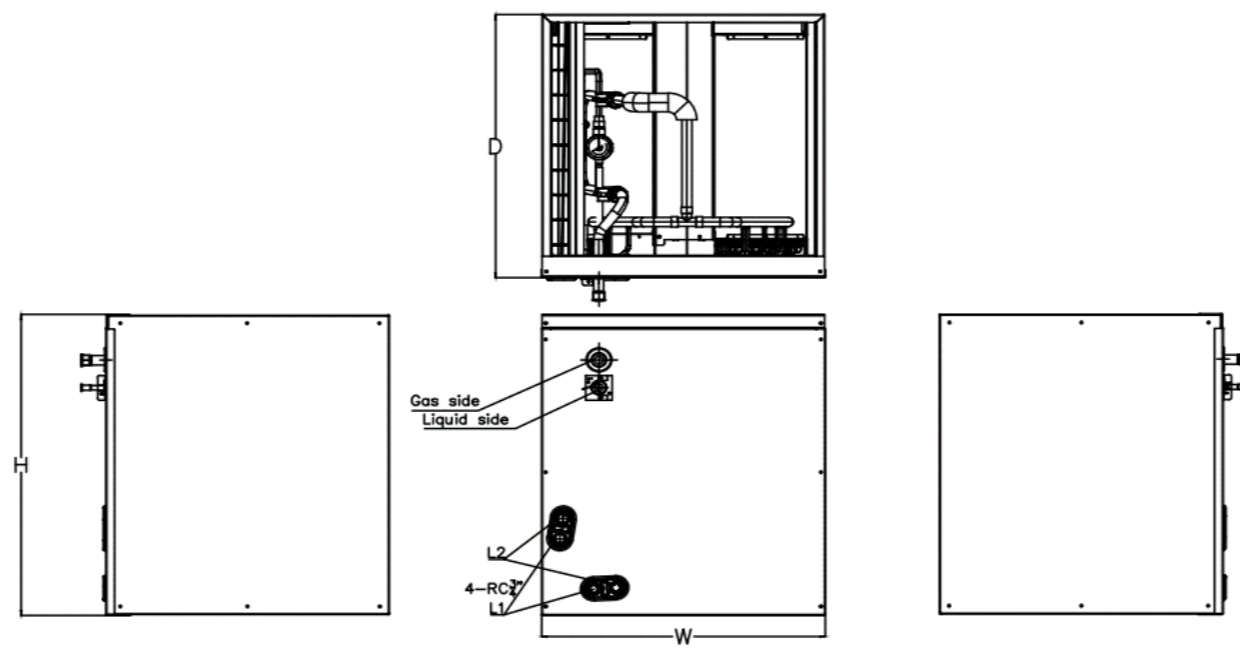


SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	15.0
Max.fuse	(A)	20.0
Connection wiring		18AWG
Cooling		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	10000~29000
Power Input (Max)	(W)	1538(250~1900)
Rated current	(A)	6.8(1.0~9.0)
SEER	(Btu/W)	16.0
EER	(Btu/W)	11.7
Heating		
Rated Capacity	(Btu/h)	/
Capacity Range	(Btu/h)	/
Power Input (Max)	(W)	/
Rated current	(A)	/
HSPF4	(Btu/W)	/
HSPF5	(Btu/W)	/
COP	W/W	/
Heating at 5F		
Capacity	(Btu/h)	/
COP	W/W	/
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	(kg)	1.6
	(oz)	54.67
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)	/
Outdoor(cooling)	(Deg. °F / °C)	5~122 / -15 ~ 50
Outdoor(heating)	(Deg. °F / °C)	/

INDOOR UNIT DATA		
Throttle		TXV for Cooling
IRV	inch^3	58.3
Air flow	SCFM	550
Pressure drop	Pa	32.7
	In. wg.	0.13
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		KSN140D21UFZ
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	4385
Input	(W)	1140
Rated current (RLA)	(A)	8
Refrigerant oil/oil charge	(ml)	VG74 440
Throttle		/
Outdoor fan motor		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	/
RLA	(A)	1.0
Speed	(r/min)	800/700/580
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1279
Outdoor noise level	[dB(A)]	57
Outdoor unit		
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.)	83.77/92.59
	(kg)	38/42

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

