

SUBMITTAL DATA SHEET



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

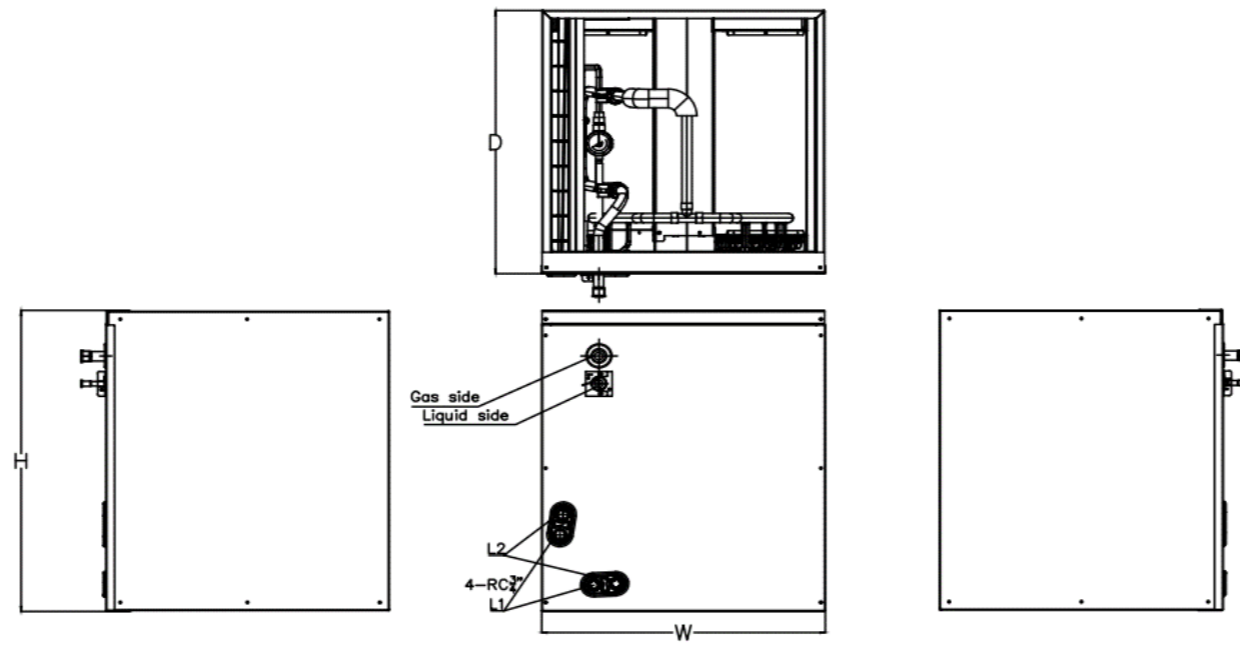
Set Code	22023110001288
Indoor unit code	22023111000491
Outdoor unit code	22023116000421
Set Model	
Indoor unit model	ACIQ-60-ACL
Outdoor unit model	ACIQ-48-AC
Certified	<div style="display: flex; align-items: center; gap: 10px;"> <div>AHRI</div> </div> <div style="display: flex; align-items: center; gap: 10px; margin-top: 5px;"> <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)	32.0
Max.fuse	(A)	50.0
Connection wiring		18AWG
Cooling		
Rated Capacity	(Btu/h)	44000
Capacity Range	(Btu/h)	13000~52000
Power Input (Max)	(W)	4000(540~5400)
Rated current	(A)	22(2~22)
SEER	(Btu/W)	15.5
EER	(Btu/W)	11
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)	4.45
	(oz)	156.97
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65
Liquid side/ Gas side	(inch)	3/8" / 7/8"
	(mm)	φ9.52 / φ22
Max. pipe length	(ft)	213.0
	(m)	65
Max. difference in level	(ft)	98.0
	(m)	30
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	158
Air flow	SCFM	1015
Pressure drop	Pa	70
	In. wg.	0.28
Indoor unit		
Dimension (WxDxH)	(inch)	24.49x20.98x27.99
	(mm)	622x533x711
Packing(WxDxH)	(inch)	27.17x25.59x29.33
	(mm)	690x650x745
Net/Gross weight	(lbs.)	86.64/98.33
	(kg)	39.3/44.6
OUTDOOR UNIT DATA		
Compressor		
Type		KTQ420D1UMU
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	13700
Input	(W)	3700
Rated current (RLA)	(A)	22.1
Refrigerant oil/oil charge	(ml)	VG74/1400
Throttle		/
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	126
RLA	(A)	2.4
Speed	(r/min)	850/750/650
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4500.0
Outdoor noise level	[dB(A)]	65
Outdoor unit		
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.)	212.52/244.27
	(kg)	96.4/110.8

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

