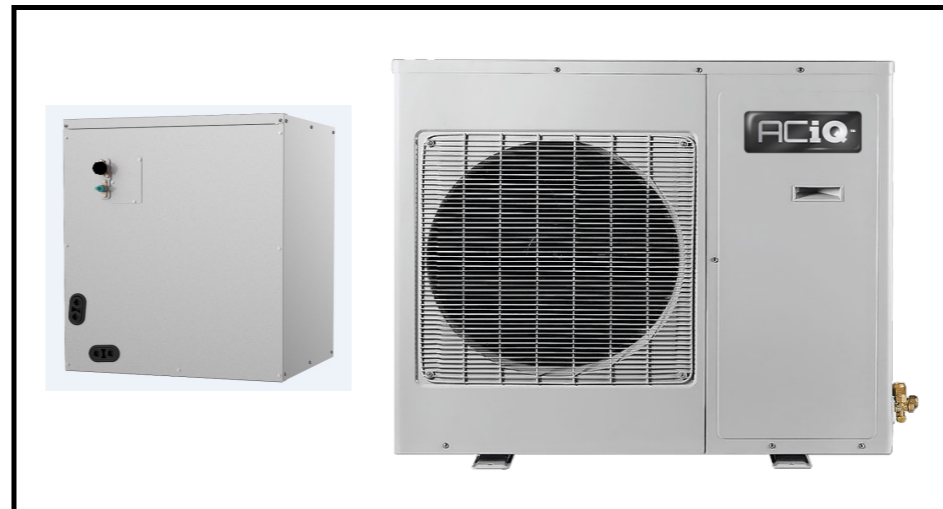


SUBMITTAL DATA SHEET



<b>ACiQ</b>	<b>30000Btu/h</b>	<b>A-Coil</b>
Location: _____	Approval: _____	Date: _____
Engineer: _____	Construction: _____	Unit #: _____
Submitted to: _____	Drawing #: _____	
Submitted by: _____		
Reference: _____		

<b>Set Code</b>	22023110001267
Indoor unit code	22023111000493
Outdoor unit code	22023116000401
<b>Set Model</b>	
Indoor unit model	ACIQ-36-ACL
Outdoor unit model	ACIQ-30-AC
<b>Certified</b>	<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>



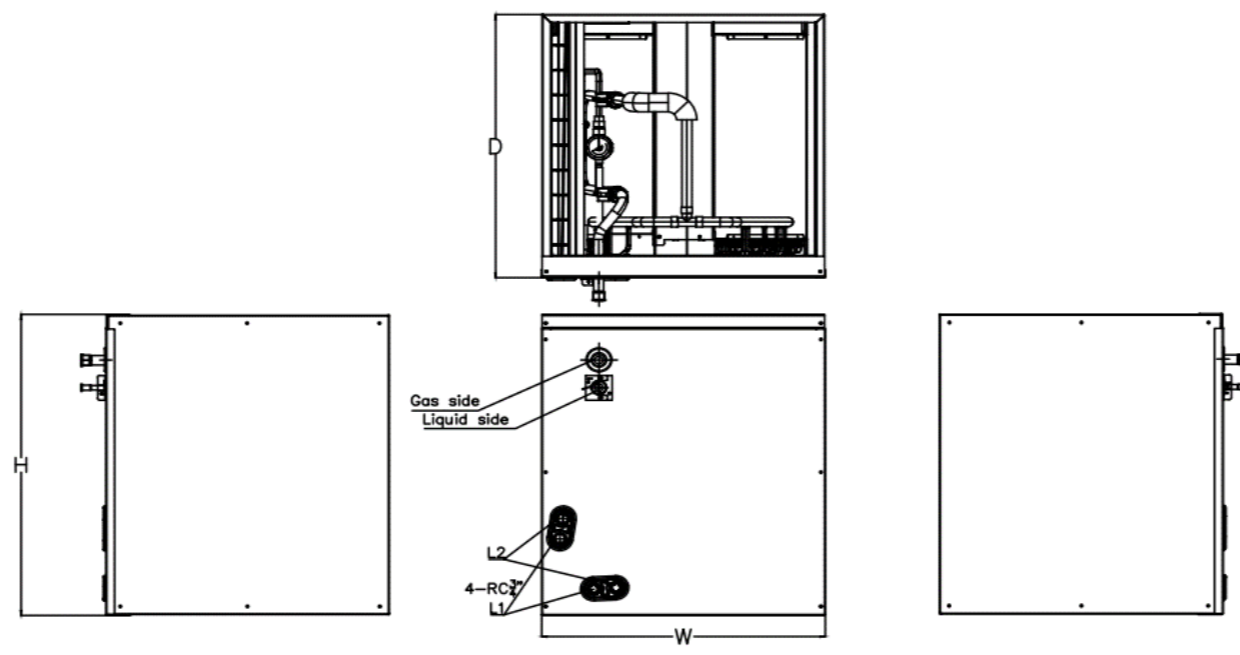
SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	25.0
Max.fuse	(A)	30.0
Connection wiring		18AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	30000
Capacity Range	(Btu/h)	9600~38000
Power Input (Max)	(W)	2650(580~4245)
Rated current	(A)	10(2.52~18.46)
SEER	(Btu/W)	15.2
EER	(Btu/W)	11.5
<b>Heating</b>		
Rated Capacity	(Btu/h)	/
Capacity Range	(Btu/h)	/
Power Input (Max)	(W)	/
Rated current	(A)	/
HSPF4	(Btu/W)	/
HSPF5	(Btu/W)	/
COP	W/W	/
<b>Heating at 5F</b>		
Capacity	(Btu/h)	/
COP	W/W	/
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	(kg)	3.3
	(oz)	116.40
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)	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		
<b>Throttle</b>		TXV for Cooling
<b>IRV</b>	inch^3	106.9
<b>Air flow</b>	SCFM	960
<b>Pressure drop</b>	Pa	65.1
	In. wg.	0.26
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	20.98x20.98x23.98
	(mm)	533x533x609
Packing(WxDxH)	(inch)	23.43x25.59x25.39
	(mm)	595x650x645
Net/Gross weight	(lbs.)	66.58/77.16
	(kg)	30.2/35

OUTDOOR UNIT DATA		
<b>Compressor</b>		
Type		KTF250D22UMT
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	8095
Input	(W)	2200
Rated current (RLA)	(A)	17.81
Refrigerant oil/oil charge	(ml)	VG74/670
<b>Throttle</b>		/
<b>Outdoor fan motor</b>		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	150
RLA	(A)	1.27
Speed	(r/min)	850
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	3000.0
Outdoor noise level	[dB(A)]	62.5
<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (WxDxH)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	146.61/157.85
	(kg)	66.5/71.6



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

