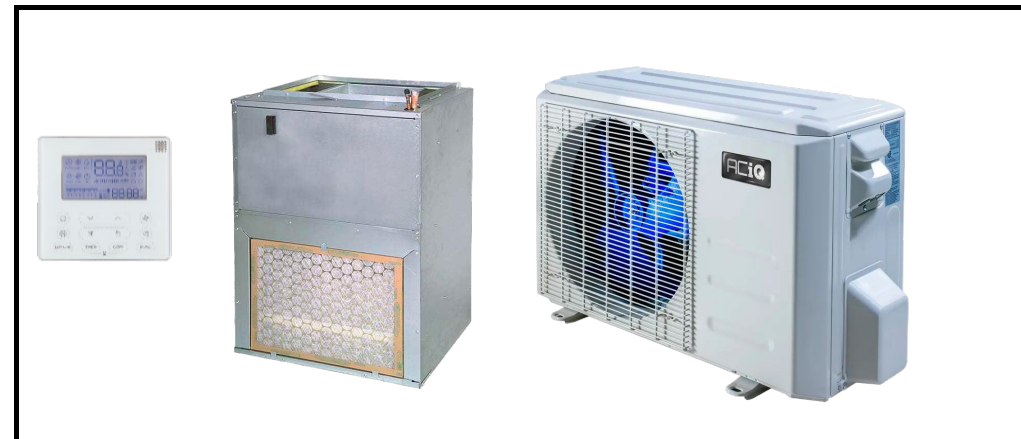


SUBMITTAL DATA SHEET

Heat Pump System	
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Set Code	22023110001407
Indoor unit code	22023111000610
Outdoor unit code	22023116000162
Set Model	
Indoor unit model	ACIQ-18W-WM
Outdoor unit model	ACIQ-18-EHPB
Certified	<div style="display: flex; align-items: center; gap: 10px;"> AHRI </div> <div style="display: flex; align-items: center; gap: 10px;"> UL </div>



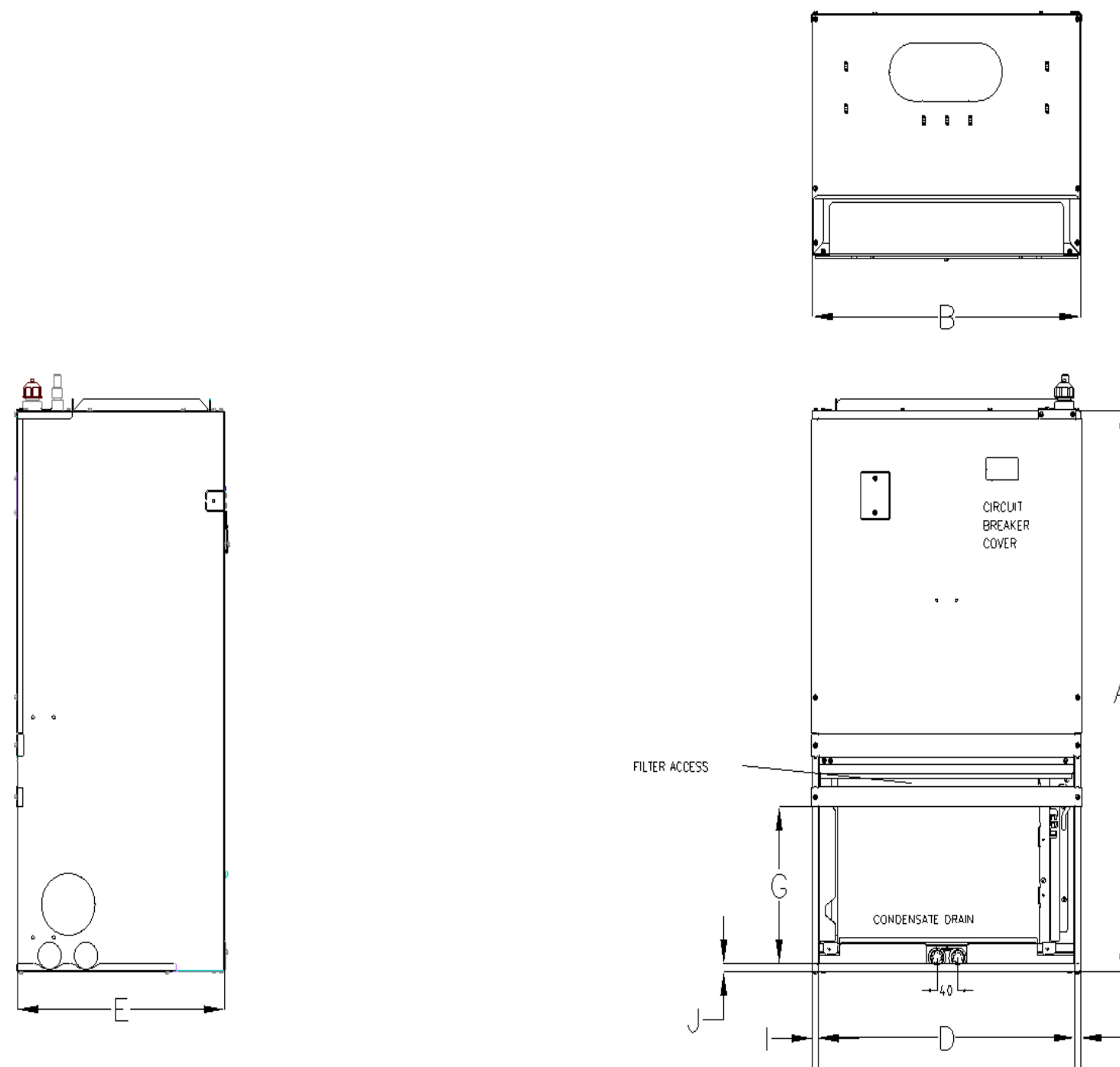
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity(Outdoor)	(A)	16
Max.fuse(Outdoor)	(A)	20
Connection wiring		//0.5x2
Cooling		
Capacity	(Btu/h)	18000(7500~21600)
Power Input	(W)	1487(350~2100)
Current	(A)	1(1.55~9.15)
SEER2	(Btu/W)	19.3
EER2	(Btu/W)	12.1
Heating		
Capacity	(Btu/h)	19000(7000~22000)
Power Input	(W)	1392(450~1850)
Current	(A)	10.5(1.95~8.1)
HSPF2-4	(Btu/W)	10.8
HSPF2-5	(Btu/W)	9.2
COP	W/W	4.00
Heat at 17F(H32)	(Btu/h)	15800
Heat at 5F(H42)	(Btu/h)	18800
COP at 5F(H42)	W/W	2.30

INDOOR UNIT DATA		
Indoor fan motor		
Model		ZKFD-250-10-3
Qty		1
Input	(W)	/
Output	(W)	/
RLA	(A)	26408.9
Speed(Hi/Mi/Lo)	(r/min)	/
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	617.65/576.47/529.41/488.24
Indoor noise level (Hi/Med/Lo)	[dB(A)]	48/45/43
Dehumidification	(L/H)	1.49
Indoor unit		
Dimension (WxDxH)	(inch)	20.28x15.71x36.54
	(mm)	515x399x928
Packing(WxDxH)	(inch)	22.83x19.49x42.91
	(mm)	580x495x1090
Net/Gross weight	(lbs.)	88.18/109.13
	(kg)	40/49.5
Accessories		
Adaptor for welding(3/4")	Qty	1
Adaptor for welding(3/8")	Qty	1

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit Outdoor unit	EEV for cooling EEV for heating
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	81.13
Refrigerant precharge	(ft) (m)	/ /
Additional charge for each ft	(oz/ft)	0.69
Additional charge for each m	(g/m)	65
Liquid side/ Gas side(indoor)	(inch) (mm)	3/8" / 3/4" 9.52/19
Liquid side/ Gas side(outdoor)	(inch) (mm)	3/8" / 5/8" 9.52/16
Max. pipe length	(ft) (m)	98.42 30
Max. difference in level	(ft) (m)	65.62 20
Connection method		Flared
Indoor(cooling)	(Deg. °F) (Deg. °C)	60~90 16~32
Indoor(heating)	(Deg. °F) (Deg. °C)	32~86 0~30
Outdoor(cooling)	(Deg. °F) (Deg. °C)	5~122 -15~50
Outdoor(heating)	(Deg. °F) (Deg. °C)	-5~75 -15~24

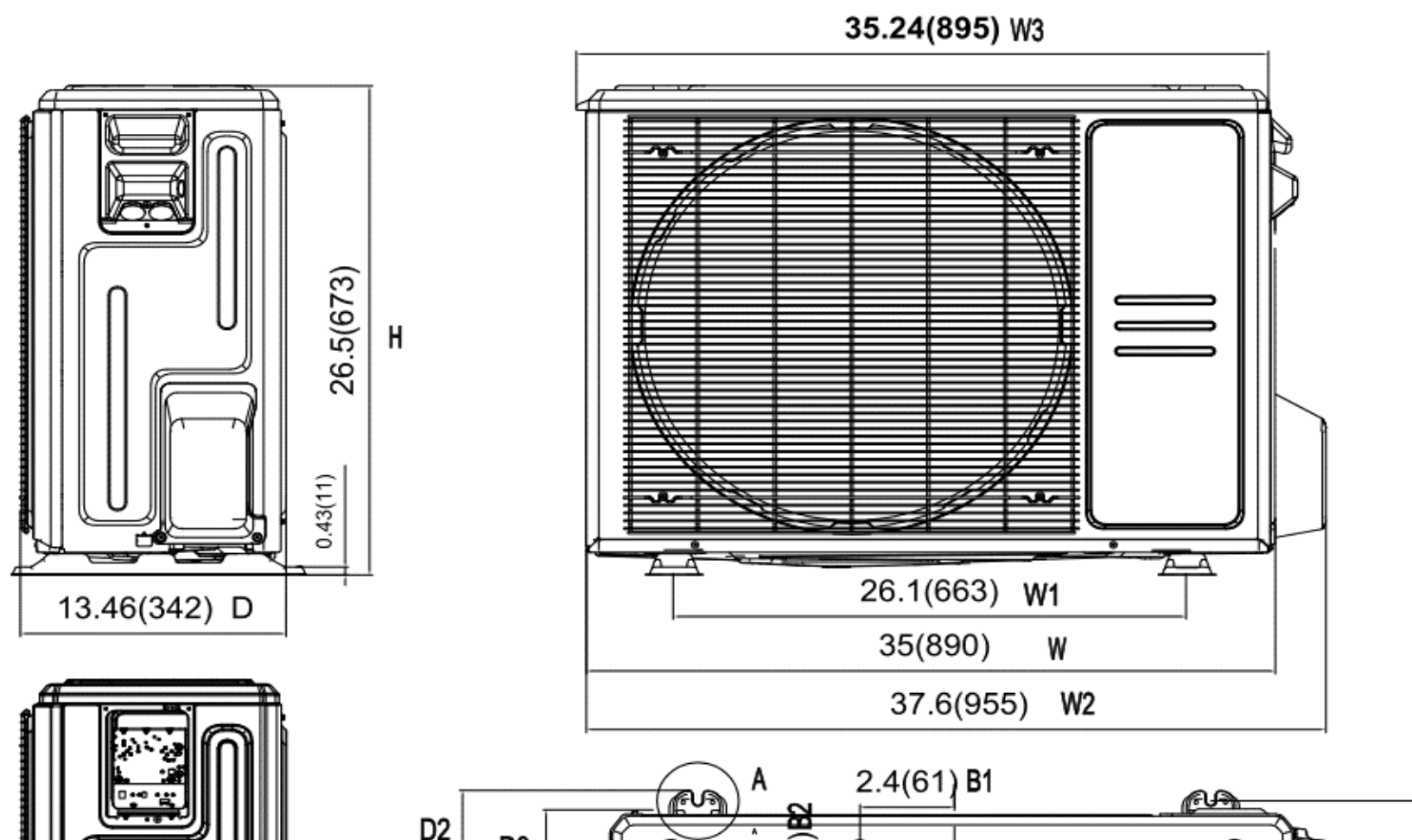
OUTDOOR UNIT DATA		
Compressor		
Type		Twin-ROTARY
Model		KTM240D57UMT
Brand		GMCC
Capacity	(Btu/h)	26409
Input	(W)	2085
Rated current (RLA)	(A)	10
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 670
Outdoor fan motor		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	/
Output	(W)	/
RLA	(A)	1
Speed	(r/min)	800/700/580
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1279.41
Outdoor noise level	[dB(A)]	57
Outdoor unit		
Dimension (WxDxH)	(inch) (mm)	35.04x13.46x26.50 890x342x673
Packing (WxDxH)	(inch) (mm)	39.17x15.67x29.13 995x398x740
Net/ Gross weight	(lbs.) (kg)	102.95/109.79 46.7/49.8
Accessories		
Adaptor for welding(3/4")	Qty	1
Adaptor for welding(3/8")	Qty	1
Adaptor (5/8" to 3/4")	Qty	1

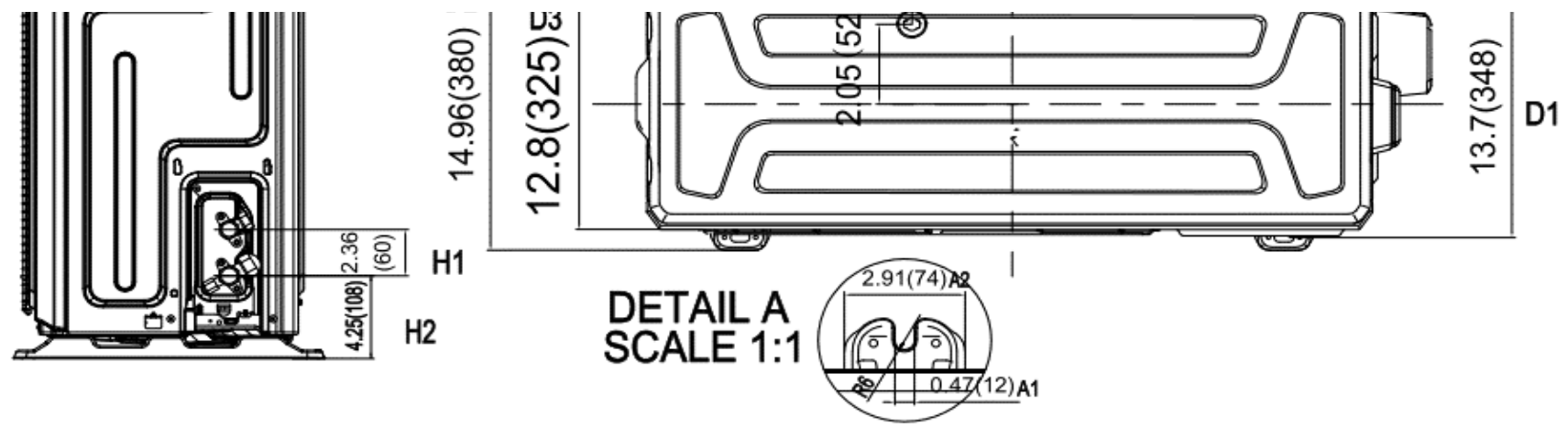
Indoor unit dimension



Dimensions	Model(Btu/h)	18K/24K		30K/36K	
		inch	mm	inch	mm
A	Model Height	36.5	928	49	1017
B	Model Width	20.3	515	21	559
C	Supply Air Opening Width	17.4	442	18.8	478.6
D	Return Air Opening Width	19.4	493.8	21.2	537.8
E	Model Depth	15.7	399	21	483
F	Supply Air Opening Depth	10.4	265.2	9.3	235.4
G	Return Air Opening Depth	10.3	261	13.1	332.5
H	Supply Air Opening Clearance	1.1	29.1	1.6	41
I	Return Air Opening Side Clearance	0.42	10.6	0.42	10.6
J	Return Air Opening Front Clearance	0.47	12	0.63	16

Outdoor unit dimension





Fan performance

18K

