






SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System **ACIQ-09W-HP115B / ACIQ-09Z-HP115B**
(Indoor/Outdoor)

Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____
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Set Code	22022010018158
Indoor unit code	22022011018365
Outdoor unit code	22022016016743
Set Model	
Indoor unit model	ACIQ-09W-HP115B
Outdoor unit model	ACIQ-09Z-HP115B
Certified	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> AHRI  UL  LISTED </div> <div style="text-align: center;">  ENERGY STAR </div> </div>



SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	115V, 1Ph, 60Hz
Voltage Range	(V)	103.5-126.5
Electrical		
Minimum circuit ampacity(Outdoor)	(A)	20.0
Max.fuse(Outdoor)	(A)	30.0
Connection wiring		14AWG*4
Cooling		
Capacity	(Btu/h)	9000(2650-10300)
Power Input	(W)	720(245-950)
Current	(A)	6.26(2.13-9.16)
SEER2	(Btu/W)	21.5
EER2	(Btu/W)	12.5
Heating		
Capacity	(Btu/h)	10000(2700-10500)
Power Input	(W)	1000(220-1200)
Current	(A)	8.7(1.95-10.45)
HSPF2-4	(Btu/W)	9.0
HSPF2-5	(Btu/W)	6.9
COP	W/W	2.93
Heat at 17F(H32)	(Btu/h)	6700
Heat at 5F(H42)	(Btu/h)	6000
COP at 5F(H42)	W/W	1.89

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	Capillary
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	25.40
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.16
Additional charge for each m	(g/m)	15.0
Liquid side/ Gas side(indoor)	(inch)	1/4"/3/8"
	(mm)	6.35/9.52
Liquid side/ Gas side(outdoor)	(inch)	1/4"/3/8"
	(mm)	6.35/9.52
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(m)	10.0
Connection method		Flared
Indoor(cooling)	(Deg. °F)	62~90
	(Deg. °C)	17~32
Indoor(heating)	(Deg. °F)	32~86
	(Deg. °C)	0~30
Outdoor(cooling)	(Deg. °F)	5~122
	(Deg. °C)	-15~50
Outdoor(heating)	(Deg. °F)	5~86
	(Deg. °C)	-15~30

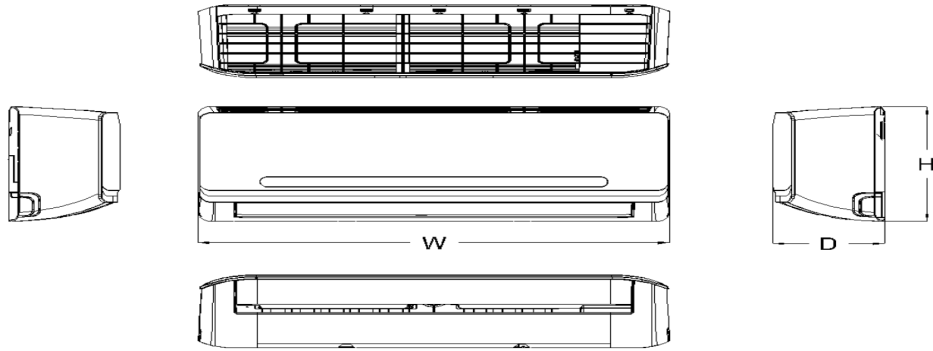
INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-20-8-113
Qty		1
Input	(W)	35.0
Output	(W)	20.0
RLA	(A)	0.2
Speed(Hi/Mi/Lo)	(r/min)	1050/850/600
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	282.35/247.06/182.35/129.41
Indoor noise level (Hi/Med/Lo)	[dB(A)]	36.5/31.0/22.0
Dehumidification	(L/H)	1.07
Indoor unit		
Dimension (WxDxH)	(inch)	28.43x7.36x11.42
	(mm)	722x187x290
Packing(WxDxH)	(inch)	31.10x10.63x14.76
	(mm)	790x270x375
Net/Gross weight	(lbs.)	16.98/22.27
	(kg)	7.7/10.1

OUTDOOR UNIT DATA

Compressor		
Type		ROTARY
Model		KSK103D33UEZ3
Brand		GMCC
Capacity	(Btu/h)	11106
Input	(W)	826
Rated current (RLA)	(A)	14
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 310
Outdoor fan motor		
Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	/
Output	(W)	34
RLA	(A)	0.3
Speed	(r/min)	800/600
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1294
Outdoor noise level	[dB(A)]	54.0
Outdoor unit		
Dimension (WxDxH)	(inch)	30.12x11.93x21.85
	(mm)	765x303x555
Packing (WxDxH)	(inch)	34.92x13.27x24.02
	(mm)	887x337x610
Net/ Gross weight	(lbs.)	57.76/63.49
	(kg)	26.2/28.8

Indoor unit dimension



Capacity	Body Code	W(mm)	D(mm)	H(mm)
7K~9K	A	722	187	290
9K~12K	B	802	189	297
12K~18K	D	965	215	319
18K~24K	E	1080	226	335
27K~36K	F	1259	282	362
30K~36K	G	1350	272	365

Outdoor unit dimension

