






**SUBMITTAL DATA SHEET**

<b>Wall Mounted Heat Pump System</b>		<b>ACIQ-18ZPL-HP230B</b>
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____	

<b>Set Code</b>	22022010018037
Indoor unit code	22022011016461
Outdoor unit code	22022016015900
<b>Set Model</b>	
Indoor unit model	ACIQ-18ZPL-HP230B
Outdoor unit model	
<b>Certified</b>	  



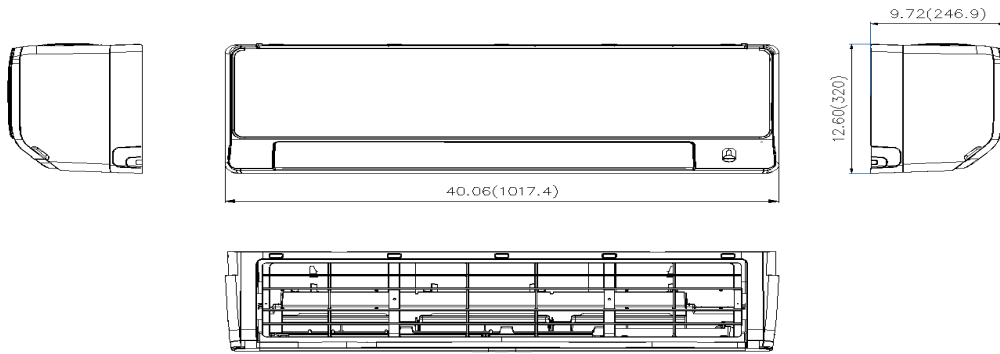
SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity(Outdoor)	(A)	20.0
Max. fuse(Outdoor)	(A)	25.0
Connection wiring		14AWG*4
<b>Cooling</b>		
Capacity	(Btu/h)	18000(8870~19400)
Power Input	(W)	1440(230~1260)
Current	(A)	6.3(2.5~5.5)
SEER2	(Btu/W)	21.5
EER2	(Btu/W)	12.5
<b>Heating</b>		
Capacity	(Btu/h)	18000(15100~19500)
Power Input	(W)	1700(1390~2050)
Current	(A)	7.3(5.3~9.0)
HSPF2.4	(Btu/W)	11.3
HSPF2.5	(Btu/W)	8.3
COP	W/W	3.10
Heat at 17F(H32)	(Btu/h)	15000
Heat at 5F(H42)	(Btu/h)	18000
COP at 5F(H42)	W/W	1.80

INDOOR UNIT DATA		
<b>Indoor fan motor</b>		
Model		ZKFP-30-8-3-10
Qty		1
Input	(W)	36.00
Output	(W)	30.0
RLA	(A)	0.4
Speed(Hi/Mi/Lo)	(r/min)	1240/1024/916
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	635.29/523.53/376.47/305.88
Indoor noise level (Hi/Med/Lo)	[dB(A)]	46/42/24
<b>Dehumidification</b>	(L/H)	2.16
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	40.06x9.72x12.60
	(mm)	1017.4x246.9x320
Packing(WxDxH)	(inch)	43.11x12.80x15.75
	(mm)	1095x325x400
Net/Gross weight	(lbs.)	27.12/35.71
	(kg)	12.3/16.2

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	65.26
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"/1/2"
	(mm)	6.35/12.7
Liquid side/ Gas side(outdoor)	(inch)	1/4"/1/2"
	(mm)	6.35/12.7
Max. pipe length	(ft)	98.4
	(m)	30.0
Max. difference in level	(ft)	65.6
	(m)	20.0
Connection method		Flared
Indoor(cooling)	(Deg. °F)	60~90
	(Deg. °C)	16~32
Indoor(heating)	(Deg. °F)	32~86
	(Deg. °C)	0~30
Outdoor(cooling)	(Deg. °F)	-22~122
	(Deg. °C)	-30~50
Outdoor(heating)	(Deg. °F)	-22~75
	(Deg. °C)	-30~24

OUTDOOR UNIT DATA		
<b>Compressor</b>		
Type		Twin-ROTARY
Model		KTM240D43UKT
Brand		GMCC
Capacity	(Btu/h)	25931
Input	(W)	2045
Rated current (RLA)	(A)	14.25
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 620
<b>Outdoor fan motor</b>		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	/
Output	(W)	80
RLA	(A)	0.8
Speed	(r/min)	810/720
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1765
Outdoor noise level	[dB(A)]	59.0
<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (WxDxH)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight	(lbs.)	100.97/108.03
	(kg)	45.8/49

Indoor unit dimension



Outdoor unit dimension

