



**SUBMITTAL DATA SHEET**

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

<b>Outdoor Unit Code</b>	22022016015900
<b>Outdoor Unit Model</b>	ACIQ-18ZPL-HP230B
<b>Indoor Unit Model</b>	Varies - Please Select Model From Indoor Unit Section
<b>Certified</b>	



SYSTEM PERFORMANCE DATA			
<b>Power supply</b>			
Normal Operating Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz	
Acceptable Voltage Range	(V)	187-253	
<b>Electrical</b>			
Minimum Circuit Ampacity (MCA)	(A)	20.0	
Maximum Over Current Protection (MOCP)	(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	

COMPATIBLE INDOOR UNITS (MUST SELECT ONE OPTION ONLY)	
	<b>ACIQ-18CC-HH-MB / ACIQ-CC-GRILLE</b> <b>ACIQ-18CD-HH-MB</b> <b>ACIQ-18FM-HH-MB</b> <b>ACIQ-18W-HH-MC</b> <b>SCC-1218-HH-M / SCC-GRILLE-0618</b>

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 (W×D×H)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (W×D×H)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight	(lbs.)	100.97/108.03
	(kg)	45.8/49

Outdoor Unit Dimensions

