

**SUBMITTAL DATA SHEET**



<b>Heat Pump System</b>	<b>ACIQ-09ZPL-HP230B</b>
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

<b>Outdoor Unit Code</b>	22022016016162
<b>Outdoor Unit Model</b>	ACIQ-09ZPL-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)	15.0
Maximum Over Current Protection (MOCP)	(A)	15.0
Connection wiring		14AWG*4
<b>Cooling</b>		
Capacity	(Btu/h)	9000(3300~14300)
Power Input	(W)	556(180~1180)
Current	(A)	2.5(0.78~5.13)
SEER2	(Btu/W)	28.1
EER2	(Btu/W)	16.2
<b>Heating</b>		
Capacity	(Btu/h)	12000(5000~15200)
Power Input	(W)	907(370~1500)
Current	(A)	4.1(1.6~6.52)
HSPF2-4	(Btu/W)	11.5
HSPF2-5	(Btu/W)	9.0
COP	W/W	3.81
Heat at 17F(H32)	(Btu/h)	9500
Heat at 5F(H42)	(Btu/h)	10600
COP at 5F(H42)	W/W	2.00

COMPATIBLE INDOOR UNITS (MUST SELECT ONE OPTION ONLY)
<p><b>ACIQ-09CC-HH-MB / ACIQ-CC-GRILLE</b>  <b>ACIQ-09CD-HH-MB</b>  <b>ACIQ-09W-HH-MC</b>  <b>SCC-0609-HH-M / SCC-GRILLE-0618</b></p>

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	41.62
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)	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		ROTARY
Model		KTN110D42UFZ
Brand		GMCC
Capacity	(Btu/h)	11823
Input	(W)	885
Rated current (RLA)	(A)	8.8
Refrigerant oil/oil charge	(ml)	VG74/350
<b>Outdoor fan motor</b>		
Model		ZKFN-34-10-1
Qty		1
Input	(W)	/
Output	(W)	34
RLA	(A)	0.4
Speed	(r/min)	850/680/450
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1324
Outdoor noise level	[dB(A)]	54.5
<b>Outdoor unit</b>		
Dimension (W×D×H)	(inch)	31.69x12.99x21.81
	(mm)	805x330x554
Packing (W×D×H)	(inch)	36.02x14.57x24.21
	(mm)	915x370x615
Net/ Gross weight	(lbs.)	74.07/80.25
	(kg)	33.6/36.4

Outdoor Unit Dimensions

