






SUBMITTAL DATA SHEET

One Way Cassette Heat Pump System	ACIQ-09CC-HH-MB
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Set Code	22022510004443
Indoor unit code	22022511000703
Outdoor unit code	22022016016162
Set Model	
Indoor unit model	ACIQ-09CC-HH-MB
Outdoor unit model	
Certified	  



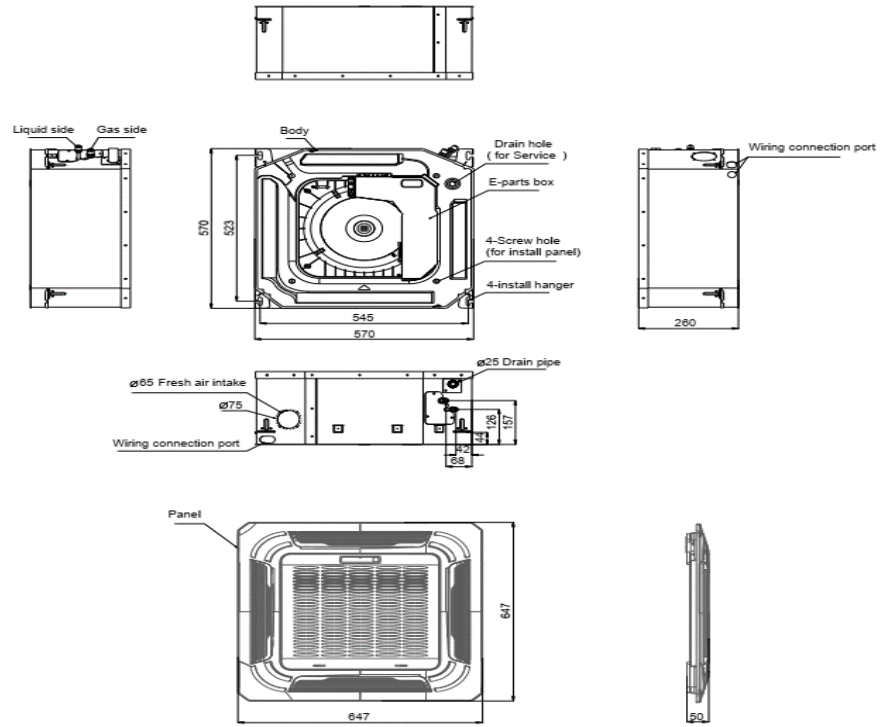
SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph,	60Hz
Voltage Range	(V)		187-253
Electrical			
Minimum circuit ampacity(Outdoor)	(A)		15.0
Max.fuse(Outdoor)	(A)		15.0
Connection wiring			14*4 AWG
Cooling			
Capacity	(Btu/h)	9000(2850~11100)	
Power Input	(W)	692(163~1117)	
Current	(A)	3.17(1.25~4.93)	
SEER2	(Btu/W)	20.5	
EER2	(Btu/W)	13.0	
Heating			
Capacity	(Btu/h)	9800(2270~12500)	
Power Input	(W)	930(149~1371)	
Current	(A)	4.58(1.17~6.04)	
HSPF2-4	(Btu/W)	10.3	
HSPF2-5	(Btu/W)	7.8	
COP	W/W	3.09	
Heat at 17F(H32)	(Btu/h)	9000	
Heat at 5F(H42)	(Btu/h)	10000	
COP at 5F(H42)	W/W	1.80	

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)		62~90
	(Deg. °C)		17~32
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

INDOOR UNIT DATA			
Indoor fan motor			
Model			ZKFP-46-8-1
Qty			1
Input	(W)		45.00
Output	(W)		46.0
RLA	(A)		0.00
Speed(Hi/Mi/Lo)	(r/min)		600/520/460
Air flow & Noise level			
Indoor air flow (F)	(CFM)		//352.94/305.88/270.59
Indoor noise level	[dB(A)]		39.5/36/32.5
Dehumidificati	(L/H)		1.03
Indoor unit			
Dimension (WxD)	(inch)	22.44x22.44x10.24	
	(mm)	570x570x260	
Packing(WxDxH)	(inch)	26.06x26.06x12.48	
	(mm)	662x662x317	
Net/Gross weigh	(lbs.)	31.97/38.14	
	(kg)	14.5/17.3	

OUTDOOR UNIT DATA			
Compressor			
Type			ROTARY
Model			KTN110D42UFZ
Brand			GMCC
Capacity	(Btu/h)		11823
Input	(W)		885
Rated current (R)	(A)		8.8
Refrigerant oil/oil	(mi)		VG74/350
Outdoor fan motor			
Model			ZKFN-34-10-1
Qty			1
Input	(W)		/
Output	(W)		34.00
RLA	(A)		0.42
Speed	(r/min)		850/680/450
Air flow & Noise level			
Outdoor air flow	(CFM)		1323.5
Outdoor noise level	[dB(A)]		55.0
Outdoor unit			
Dimension (WxD)	(inch)	31.69x12.99x21.81	
	(mm)	805x330x554	
Packing (WxDxH)	(inch)	36.02x14.57x24.21	
	(mm)	915x370x615	
Net/ Gross weight	(lbs.)	74.07/80.25	
	(kg)	33.6/36.4	

Indoor unit dimension



Outdoor unit dimension

