

Mini-PTAC System		Model #: ACiQ-12TTW
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____	

Mini-PTAC Product Code:	810175552491
ACiQ Model Number:	ACiQ-12TTW
Certified	



System Performance & Operation		
Cooling Capacity	(Btu/h)	12000/11700
Heating Capacity	(Btu/h)	10600/8600
CEER	(Btu/h)/W	9.5
Indoor Operating Temperature Range	°F	62.6 ~ 89.6
	°C	17 ~ 32
Outdoor Operating Temperature Range (Cooling/Heating)	°F	64.4 ~ 109.4 / 23 ~ 75.2
	°C	18 ~ 43 / -5 ~ 24
Control Type	- -	Remote Controller

Fan & Airflow Specifications		
Fan Model	- -	ZKFP-120-8-97L
Fan Motor Insulation Class	- -	B
Fan Motor Waterproofing Class	- -	IP24
Fan Motor Speed (Hi/Med/Low)	r/min	1550/1440/1340
Indoor Airflow (Hi/Med/Low)	(CFM)	274/252/231
Outdoor Airflow (Hi/Med/Low)	(CFM)	451/409/367
Indoor Noise level (Hi/Med/Low)	dB(A)	61.8/60/58
Outdoor Noise Level (Hi/Med/Low)	dB(A)	65.4/63.2/61.1

Electrical Specifications		
Power Supply	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Plug-Type/Receptacle	- -	LCDI (6-20P)
Power Cord Type	- -	12#x3
Power Cord Length	ft	5.58
	mm	1700
Cooling Input	(W)	1180/1160
Cooling Current	(A)	6.5/7.0
Heating Input (heater)	(W)	3450/2821
Heating Current	(A)	15/13.5
Rated Power Input	(W)	3450
Rated Current	(A)	15
Starting Current	(A)	45

Evaporator & Condenser Specifications		
Evaporator Fin Material	- -	Hydrophillic Aluminum
Number of Evaporator Rows	- -	3
Number of Evaporator Circuits	- -	4
Evaporator Coil Length (LxWxH)	in	19.88 x 2.11 x 9.92
	mm	505 x 53.48 x 252
Evaporator Pipe Outside Diameter & Type	inch	0.276, Inner Groove Tube
	mm	7, Inner Groove Tube
Evaporator Tube Pitch (a) x Row Pitch (b)	in	0.77 x 0.46
	mm	19.5 x 11.6
Evaporator Fin Spacing	in	0.05
	mm	1.3
Condenser Fin Material	- -	Hydrophillic Aluminum
Number of Condenser Rows	- -	3
Number of Condenser Circuits	- -	2
Condenser Coil Length (LxWxH)	in	14.96 x 1.37 x 13.82
	mm	380 x 34.8 x 351
Condenser Pipe Outside Diameter & Type	inch	0.20, Inner Groove Tube
	mm	5, Inner Groove Tube
Condenser Tube Pitch (a) x Row Pitch (b)	in	0.77 x 0.46
	mm	19.5 x 11.6
Condenser Fin Spacing	in	0.05
	mm	1.2

Compressor Specifications		
Model	- -	KSM100N11VEZ
Type	- -	Rotary
Brand	- -	GMCC
Capacity	(W)	3590/3620
Power Input	(W)	870/875 ± 3%
Current	(A)	4.18/3.85 ± 3%
Locked Rotor Amp (LRA)	(A)	28.5 ± 10%
Thermal Protector	- -	UP-A2H/HPA-325H
Thermal Protector Position	- -	Internal
Capacitor	uF	35
Refrigerant Oil Type	- -	VG68
Refrigerant Oil Charge	mL	300 ± 15 mL

Dimensions & Weight		
Unit Dimensions (WxDxH)	In.	24.21 x 20.28 x 14.53
	mm	615 x 515 x 369
Packaging Dimensions (WxDxH)	In.	27.95 x 26.57 x 16.93
	mm	710 x 675 x 430
Net/Gross Weight	lbs	74.96/85.76
	kg	34/38.9
Container Loading Quantity (20'/40'/40' HQ)	units	120/255/306

Refrigerant Specifications		
Refrigerant type	- -	R32
Refrigerant Charge Amount	oz	17.28
	kg	0.49
Design Pressure (L/H)	psi	300/520

Window Requirement Dimensions		
Window Opening Width (Min./Max.)	in.	26.8/36.0
	mm	681/914
Window Opening Height (Min.)	In.	15.5
	mm	394