

Heat Pump System	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Code	22020330000002
Set Model	ACiQ - 12PTC
Certified	AHRI  UL 



Performance data		
Power supply	V-Ph-Hz	208/230V,1Ph,60Hz
Capacity	Btu/h	12000/11800
EER	W/W	11.6
Input	W	1035/1020
Current	A	4.50/4.89

Indoor side fan motor		
Model		YKT-21-6-15L
Input	W	37
Rated current	A	0.17
Capacitor	uF	1
Speed(hi/mi/lo)	r/min	1100/1010/880
Capacitor class		S3
Insulation class		B

Heating(PTC)		
Capacity	Btu/h	10900/8900
Input(Heater)	W	3535/2900
Current	A	15.3/13.7

Outdoor side fan motor		
Model		YKT-58-4-3L
Input	W	87
Rated current	A	0.38A/0.42A
Capacitor	uF	3
Speed(hi/mi/lo)	r/min	1590
Capacitor class		S3
Insulation class		B

Heating(Heat pump)(Standard conditions)		
Capacity	Btu/h	10800/10500
Input	W	930/905
Current	A	4.05/4.36
COP	W/W	3.40

Air flow and noise level		
Indoor side air flow(Hi/Mi/Lo)	m3/h	676/615/543
Indoor side noise level (Hi/Mi/Lo)(A)		51.4/51/51
Outdoor side noise level(Hi)	dB(A)	67.6

Electrical		
Starting current	A	47.1
Plug type		LCDI(6-20P)

System data		
Refrigerant type (R410A)	Refrigerant type	R410A
	kg	0.89
Design pressure(145psi=1MPa)	oz(1kg=35.274oz)	31.39386
	psi	300/540

Compressor		
Model		ASM103N1IVEZ
Type		ROTARY
Brand		GMCC
Capacity	W	3510/3560
Input	W	822/835
Rated current	A	3.90/3.52
Locked rotor Amp(LRA)	A	27
Thermal protector		UP3-41/HPA -622
Thermal protector position		INTERNAL
Capacitor	uF	35
Refrigerant oil/oil charge	ml	ESTER OIL RB68/300

Dimension and Weight		
Dimension(W*D*H)	mm	1067x532x406
	in	42.01x20.94x15.98
Packing (W*D*H)	mm	1130x625x490
	in	44.49x24.61x19.29
Net/Gross weight	kg	52.5/56.7
	lb	115.74/125.00

Dimension 1 (no sleeve, no rear grille, no rear net)

Model	W(inch)	D(inch)	H(inch)
ACiQ - 15PTC	42	15.9	20.9
ACiQ - 12PTC	42	15.9	20.9
ACiQ - 09PTC	42	15.9	20.9
ACiQ - 07PTC	42	15.9	20.9

Dimension 1 (include sleeve, rear grille, and rear net)

Model	W(inch)	D(inch)	H(inch)
ACiQ - 15PTC	42	16.0	23.9
ACiQ - 12PTC	42	16.0	23.9
ACiQ - 09PTC	42	16.0	23.9
ACiQ - 07PTC	42	16.0	23.9

Unit dimension

