

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

Set Code	22020330000041
Set Model	ACiQ - 07PTC
Certified	AHRI  UL 



Performance data		
Power supply	V-Ph-Hz	208/230V,1Ph,60Hz
Capacity	Btu/h	7200/6800
EER	W/W	13.1
Input	W	550/535
Current	A	2.42/2.60

Indoor side fan motor		
Model		YKT-15-6-33
Input	W	38.5
Rated current	A	0.17
Capacitor	uF	1
Speed(hi/mi/lo)	r/min	1040/970/900
Capacitor class		S3
Insulation class		B

Heating(PTC)		
Capacity	Btu/h	7800/6300
Input(Heater)	W	2535/2080
Current	A	10.8/9.8

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	1580
Capacitor class		S3
Insulation class		B

Heating(Heat pump)(Standard conditions)		
Capacity	Btu/h	6200/6000
Input	W	505/490
Current	A	2.22/2.38
COP	W/W	3.60

Air flow and noise level		
Indoor side air flow(Hi/Mi/Lo)	m3/h	570/479/408
Indoor side noise level (Hi/Mi/Lo)		51/49.2/49.2
Outdoor side noise level(Hi)	dB(A)	67

Electrical		
Starting current	A	33.9
Plug type		LCDI(6-15P)

Compressor		
Model		KSN54N11UAJB3
Type		ROTARY
Brand		GMCC
Capacity	W	1565/1610
Input	W	575/580
Rated current	A	2.75/2.45
Locked rotor Amp(LRA)	A	14
Thermal protector		USP-233-05
Thermal protector position		INTERNAL
Capacitor	uF	15
Refrigerant oil/oil charge	ml	VC68 190+10

System data		
Refrigerant type (R410A)	Refrigerant type	R410A
	kg	0.85
	oz(1kg=35.274oz)	29.9829
Design pressure(145psi=1MPa)	psi	300/540

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	47.5/52.4
	lb	104.72/115.52

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

