

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

<b>Set Code</b>	22020330000002
<b>Set Model</b>	ACiQ - 12PTC-B
<b>Certified</b>	AHRI  UL 



General Information		
Cooling Capacity	BTU per hour (H/ L)	12,000/ 11,800
Heat Capacity (Heat Pump)	BTU per hour (H/ L)	10,800/ 10,500
Heat Capacity (Electric Backup)	BTU per hour (H/ L)	10,900/ 8,900
EER	W/W	10.5
COP (heating)	W/W	3.2

Electrical		
Power Supply	V-Ph-Hz	208/230V, 1Ph, 60Hz
Receptacle Type	NEMA	6-20R
Plug Type	NEMA	6-20P
Breaker size	Amps	20
Cooling input	Watts H/L	1142/1124
Cooling Amps	Amps H/L	5.4/ 5.0
Heating Input	Watts H/L	990/ 963
Heating Amps	Amps H/L	4.6/ 4.3
Backup Electric Heat Input	Watts H/L	3535/ 2900
Backup Electric Heat Amps	Amps H/L	15.3/ 13.7

Compressor		
Model		KSM100N11VEZ
Type		ROTARY
Brand		GMCC
Capacity	W	3590/3620
Watts	W	850/875
Rated AMPS	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/oil charge	ml	VG68 300±15

Indoor side fan motor		
Model		ZKFP-25-8-157L
Cooling Speed (hi/lo)	r/min	1100/930
Heating Speed (hi/lo)	r/min	1100/1020
Insulation Class		B
Waterproofing Class		IP20

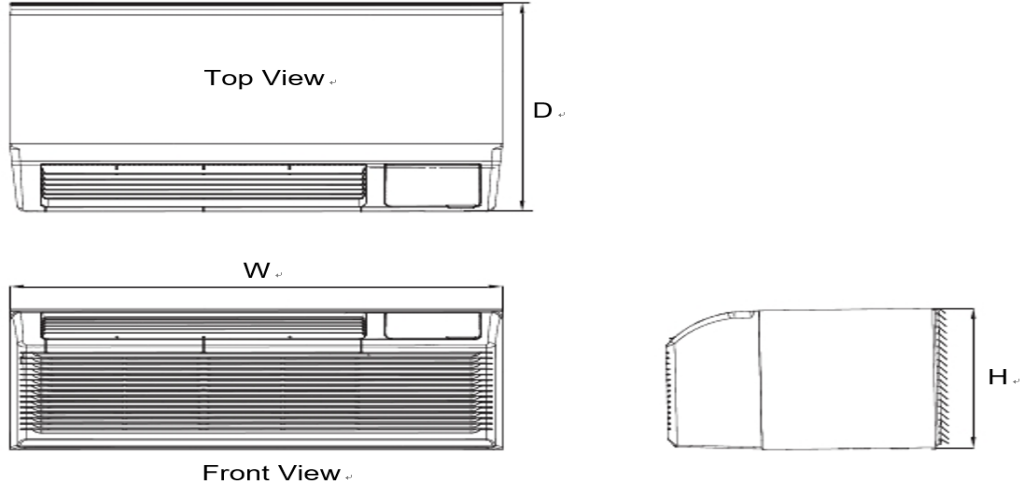
Outdoor side fan motor		
Model		YKT-58-4-3L
Input	W	87
Rated Current	A	0.38A/0.42A
Capacitor	uF	3
Blower Motor Speed	RPM	1590


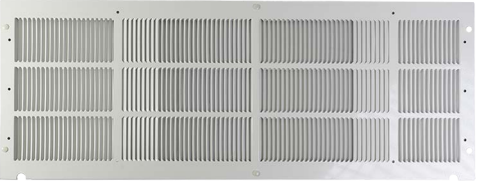

Air flow and noise level		
Indoor side air flow(Hi/Mi/Lo)	CFM	398/362/320
Indoor side noise level (Hi/Mi/Lo)	dB(A)	51.4/51/51
Outdoor side noise level(Hi)	dB(A)	67.6

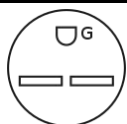
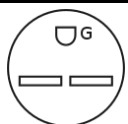

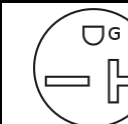
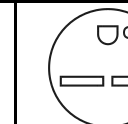
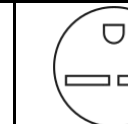
System data		
Refrigerant type (R410A)	Refrigerant type	R410A
	kg	0.89
Design pressure(145psi=1MPa)	oz(1kg=35.274oz)	31.39386
	psi	300/540

Dimension and Weight		
Dimension(W*D*H)	IN	42X21X16
	MM	1067x532x406
Packing (W*D*H)	IN	45X25X19
	MM	1130x625x490
Net/Gross weight	LB	53/57
	KG	116/125

**Unit dimension**



Approved Accessories	Product Description
	<p>ACiQ Standard 42" Universal PTAC Wall Sleeve ACIQ-PTC-WS</p>
	<p>ACiQ Standard Stamped Aluminum Grille ACIQ-PTC-G</p>
	<p>ACiQ Extruded Architectural Grille ACIQ-PTC-AG</p>

Power Card						
Power Supply	NEMA 6-15P	NEMA 6-15R	NEMA 6-20P	NEMA 6-20R	NEMA 6-30P	NEMA6-30R