

Heat Pump System

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Set Code 22020330000147

Set Model ACIQ-15PTC5-B

Certified

AHRI



UL



General Information		
Cooling Capacity	BTU per hour (H / L)	14,700 / 14,500
Heat Capacity (Heat Pump)	BTU per hour (H / L)	13,500 / 13,200
Heat Capacity (Electric Backup)	BTU per hour (H / L)	15,000 / 12,200
EER	W/W	10.6
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	30
Cooling Input	Watts H/L	1390/1370
Cooling Amps	Amps H/L	6.5/7.4
Heating Input	Watts H/L	1170/1120
Heating Amps	Amps H/L	6.0/6.4
Backup Electrical Heat Input	Watts H/L	5000/4100
Backup Electric Heat Amps	Amps H/L	22.3/20.1

Compressor		
Model		KSM125N1UEZ
Type		ROTARY
Brand		GMCC
Capacity	W	3825 ± 3%
Rated Current	W	1300 ± 3%
Rated AMPS	A	6.35
Locked rotor Amp(LRA)	A	34.5
Thermal protector		HPA-430KH
Thermal protector position		INTERNAL
Capacitor	uF	60
Refrigerant oil/oil charge	ml	VG68 300 ±15ml

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

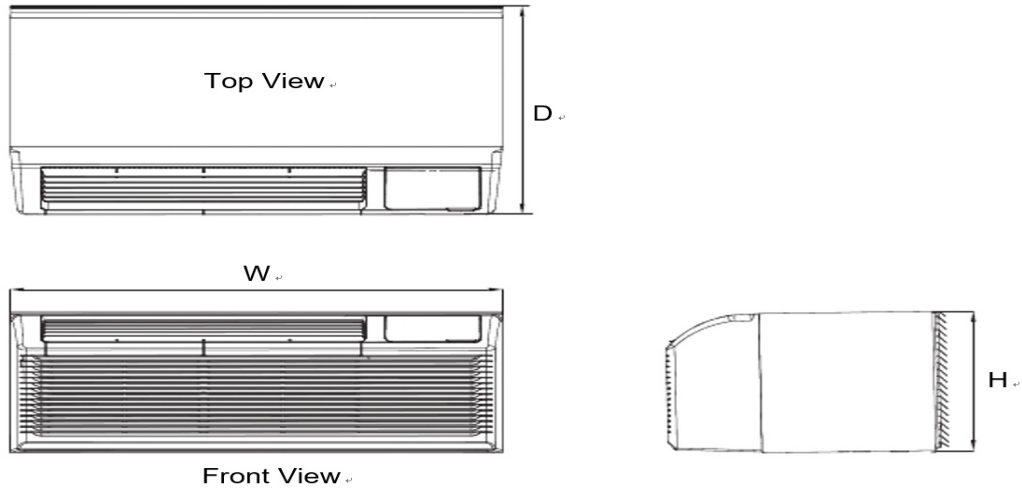
Outdoor side fan motor		
Model		YKT-58-4-3L
Input	W	87
Rated current	A	0.38A/0.42A
Capacitor	uF	3
Blower Motor Speed		1580

Air flow and noise level		
Indoor side air flow(Hi/Mi/Lo)	CFM	435/0/1353
Indoor side noise level (Hi/Mi/Lo)	dB(A)	53/0/52.5
Outdoor side noise level(Hi)	dB(A)	67

System data		
Refrigerant type (R32)	Refrigerant Type	R32
	kg	0.90
	oz(1kg=35.274oz)	31.7466
Design pressure(145psi=1MPa)	psi	300/580

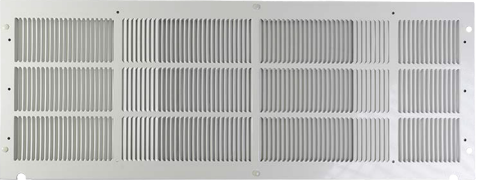
Dimension and Weight		
Dimension (W*D*H)	IN	42X21X16
	MM	1067x532x406
Packing (W*D*H)	IN	45X25X19
	MM	1130x625x490
Net/Gross weight	LB	53/58
	KG	117/127

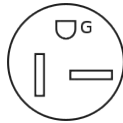
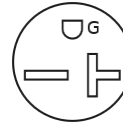
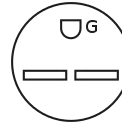
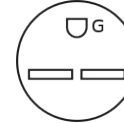
Unit dimension



Approved Accessories

Product Description

	ACiQ Standard 42" Universal PTAC Wall Sleeve ACIQ-PTC-WS
	ACiQ Standard Stamped Aluminum Grille ACIQ-PTC-G
	ACiQ Extruded Architectural Grille ACIQ-PTC-AG

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