

Heat Pump System

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

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

Set Code 22020330000161

Set Model ACiQ - 09PTC

Certified AHRI 
 UL 



General Information		
Cooling Capacity	BTU per hour (H / L)	9,200 / 9,100
Heat Capacity (Heat Pump)	BTU per hour (H / L)	7,800 / 7,500
Heat Capacity (Electric Backup)	BTU per hour (H / L)	10,900 / 8,900
EER	W/W	12.8
COP (heating)	W/W	3.8

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	550/540
Cooling Amps	Amps H/L	3.0/3.3
Heating Input	Watts H/L	480/460
Heating Amps	Amps H/L	2.6/2.7
Backup Electrical Heat Input	Watts H/L	2580/2150
Backup Electric Heat Amps	Amps H/L	15.3/13.7

Compressor		
Model		KSN71N11VDZ1
Type		ROTARY
Brand		GMCC
Capacity	W	2560/2525
Input	W	630/626
Rated current	A	3.45/3.15
Locked rotor Amp(LRA)	A	17
Thermal protector		UP3-A0L/HPA-318L
Thermal protector position		INTERNAL
Capacitor	uF	20
Refrigerant oil/oil charge	ml	VG68 190

Indoor side fan motor		
Model		ZKFP-25-8-157L
Cooling Speed (hi/lo)	r/min	1110/930
Heating Speed (hi/lo)	r/min	1110/1020
Insulation Class		B
Waterproofing Class		IP20

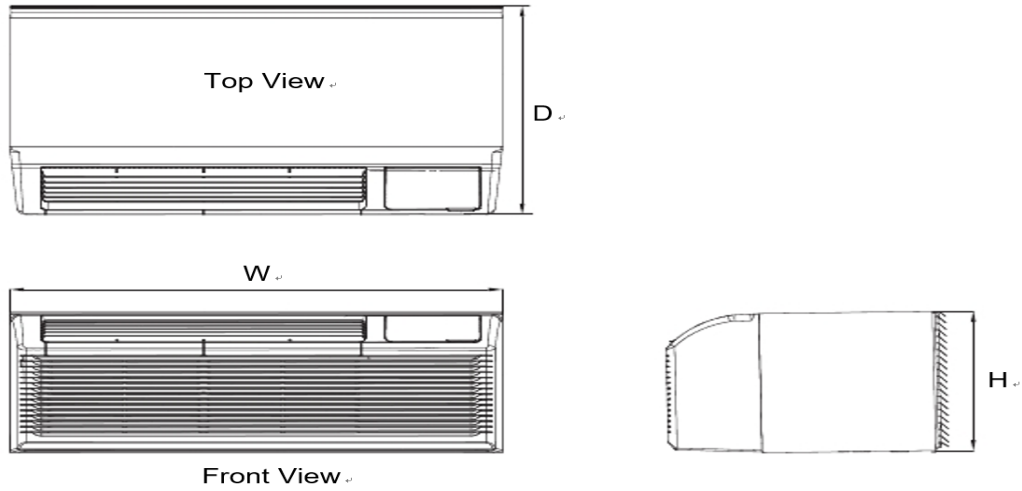
Outdoor side fan motor		
Model		YKT-58-4-3L
Input	W	87
Rated current	A	0.38A/0.42A
Capacitor	uF	3
Blower Motor Speed	RPM	1580

Air flow and noise level		
Indoor side air flow(Hi/Mi/Lo)	CFM	424/0/342
Indoor side noise level (Hi/Mi/Lo)	dB(A)	52.5/52/52
Outdoor side noise level(Hi)	dB(A)	67.5

System data		
Refrigerant type (R32)	Refrigerant type	R32
	kg	0.64
	oz(1kg=35.274oz)	22.57536
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	105/114
	KG	48/52

Unit dimension

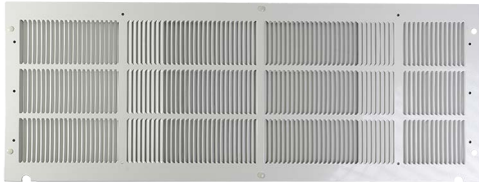


Approved Accessories

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	NEMA 6-30R