

Heat Pump System

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

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

Set Code	22020330000004
Set Model	ACiQ-15PTC
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)	10,900/ 8,900
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	20
Cooling input	Watts H/L	1390/ 1370
Cooling Amps	Amps H/L	6.58/ 6.03
Heating Input	Watts H/L	1237/ 1209
Heating Amps	Amps H/L	5.82/ 5.38
Backup Electric Heat Input	Watts H/L	3535/ 2900
Backup Electric Heat Amps	Amps H/L	15.3/ 13.7

Compressor

Model		ASM135N1UEZ
Type		ROTARY
Brand		GMCC
Capacity	W	4000
WATTS	W	1310
Rated AMPS	A	6.35
Locked rotor Amp(LRA)	A	34.5
Thermal protector		UP3-43/HPA -630
Thermal protector position		INTERNAL
Capacitor	uF	35
Refrigerant oil/oil charge	ml	ESTER OIL RB68A F/350

Indoor side fan motor		
Model		YKT-21-6-15L
WATTS	W	37
Rated current	A	0.17
Capacitor	uF	1
Blower Motor Speed		1100/1010/880

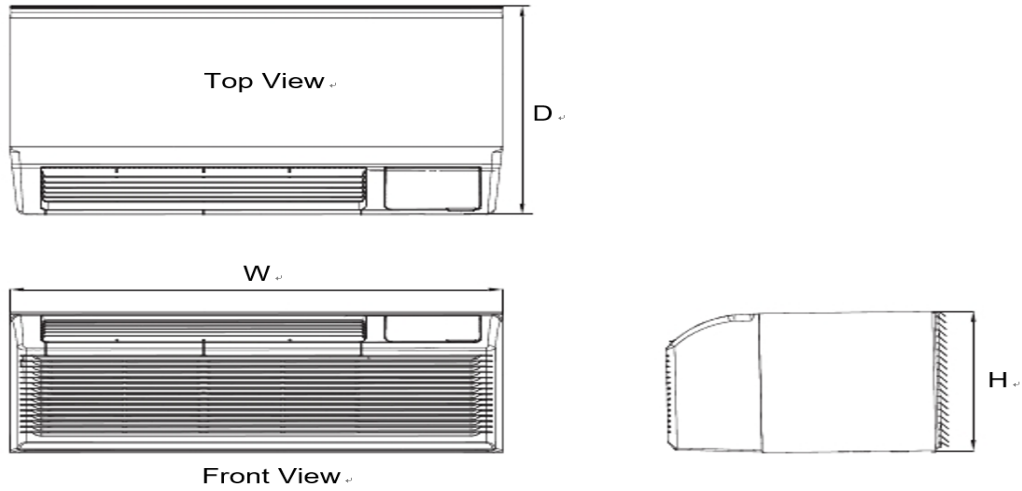
Outdoor side fan motor		
Model		YKT-58-4-3L
WATTS	W	87
Rated current	A	0.38A/0.42A
Capacitor	uF	3
Blower Motor Speed		1590

Air flow and noise level		
Indoor side air flow(Hi/Mi/Lo)	CFM	635/586/530
Indoor side noise level (Hi/Mi/Lo)	dB(A)	53/52.5/52
Outdoor side noise level(Hi)	dB(A)	67

System data		
Refrigerant type (R410A)	Refrigerant type	R410A
	kg	1.05
	oz(1kg=35.274oz)	37.0377
Design pressure(145psi=1MPa)	psi	300/540

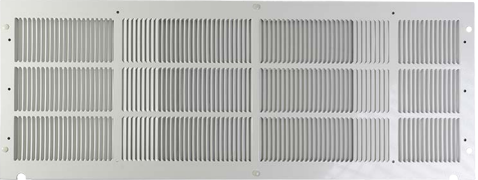
Dimension and Weight		
Dimension(W*D*H)	IN	42X21X16
	MM	1067x532x406
Packing (W*D*H)	IN	45X25X19
	MM	1130x625x490
Net/Gross weight	LB	53/58
	KG	117/127

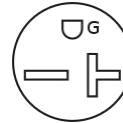
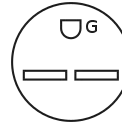
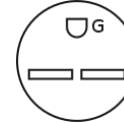
Unit dimension



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