

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

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



General Information

Cooling Capacity	BTU per hour (H/ L)	7,200/ 6,800
Heat Capacity (Heat Pump)	BTU per hour (H/ L)	6,200/ 6,000
Heat Capacity (Electric Backup)	BTU per hour (H/ L)	7,800/ 6,300
EER	W/W	13.1
COP (heating)	W/W	3.6

Electrical

Power Supply	V-Ph-Hz	208/230V, 1Ph, 60Hz
Receptacle Type	NEMA	6-15R
Plug Type	NEMA	6-15P
Breaker size	Amps	15
Cooling input	Watts H/L	550/535
Cooling Amps	Amps H/L	2.42/ 2.6
Heating Input	Watts H/L	505/ 490
Heating Amps	Amps H/L	2.22/ 2.38
Backup Electric Heat Input	Watts H/L	2535/ 2080
Backup Electric Heat Amps	Amps H/L	10.8/ 9.8

Compressor

Model		KSN54N11UAJB3
Type		ROTARY
Brand		GMCC
Capacity	W	1565/1610
WATTS	W	575/580
Rated AMPS	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	VG68 190+10

Indoor side fan motor

Model		YKT-15-6-33
WATTS	W	38.5
Rated AMPS	A	0.17
Capacitor	uF	1
Blower Motor Speed	RPM	1040/970/900

Outdoor side fan motor

Model		YKT-58-4-3L
WATTS	W	87
Rated AMPS	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	335/282/240
Indoor side noise level (Hi/Mi/Lo)	dB(A)	51/49.2/49.2
Outdoor side noise level(Hi)	dB(A)	67

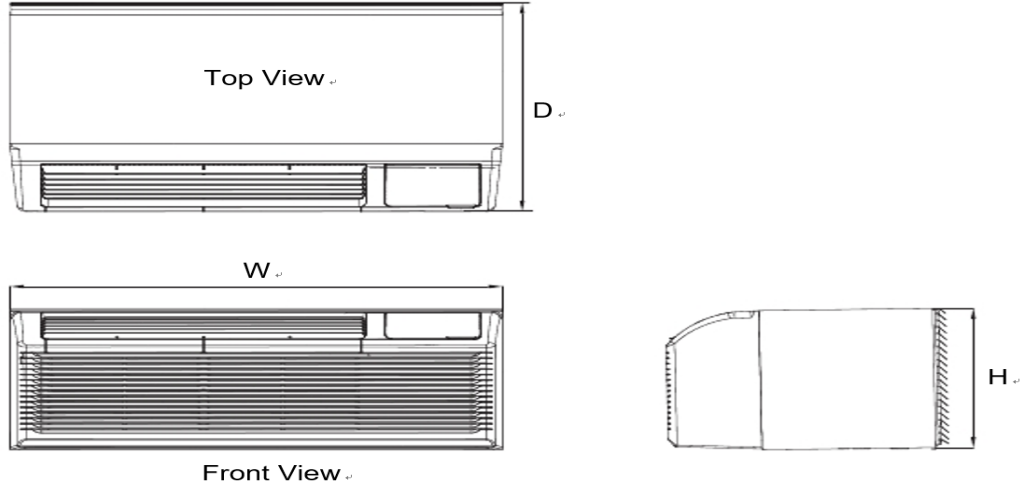
System data




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

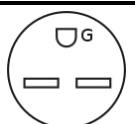
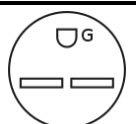

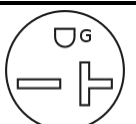
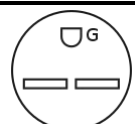
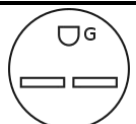
Dimension and Weight

Dimension(W*D*H)	IN	42X21X16
	MM	1067x532x406
Packing (W*D*H)	IN	45X25X19
	MM	1130x625x490
Net/Gross weight	LB	105/116
	KG	48/53

Unit dimension



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