



Submittal Data Sheet

ACiQ Model#: ACiQ-07PTC-B

7K PTAC System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

7K PTAC (PTC-B) Product Code: 850038750626
ACiQ Model Number: ACiQ-07PTC-B



COOLING PERFORMANCE

Cooling Capacity (Standard Conditions)	Btu/h (H/L)	7200 / 7100
Input (H/L)	W	550 / 540
Current (H/L)	A	3.0 / 3.3
EER	Btu/h/W	13.1

HEATING PERFORMANCE

Heat Pump with Standard Conditions

Heating Capacity (Heat Pump)	Btu/h (H/L)	6200 / 6000
Input (H/L)	W	480 / 460
Current (H/L)	A	2.6 / 2.7
COP	W/W	3.6

Heat Pump with 2.5kW Backup Electric Heat Kit

Heating Capacity	Btu/h (H/L)	7800 / 6300
Input (H/L)	W	2580 / 2150
Current (H/L)	A	11.3 / 10.3

OPERATING SPECIFICATIONS

Indoor Temperature Range (Cooling / Heating)	°F	62.6° ~ 89.6° / 32° ~ 80.6°
	°C	17° ~ 32° / 0° ~ 27°
Outdoor Temperature Range (Cooling / Heating)	°F	64.4° ~ 109.4° / 23° ~ 75.2°
	°C	18° ~ 43° / -5° ~ 24°

REFRIGERANT SPECIFICATIONS

Refrigerant Type	--	R32
Refrigerant Charge Amount	oz	23.99
	kg	0.68
Design Pressure	psi	300 / 580

ELECTRICAL SPECIFICATIONS

Power Supply	V, Ph, Hz	208/230V, 1 Ph, 60 Hz
Receptacle Type	NEMA	6-15R
Plug Type	NEMA	LCDI (6-15P)
Breaker Size	A	15
Starting Current	A	33.9

COMPRESSOR SPECIFICATIONS

Model	--	KSN54N11UAJB3
Type	--	ROTARY
Brand	--	GMCC
Capacity	W	1565 / 1610
Input	W	575 / 580
Rated Current	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	Type	VG68
Refrigerant Oil Charge	mL	190±10

INDOOR SIDE SPECIFICATIONS

Fan Motor Model	--	ZKFP-25-8-157L
Airflow (Hi/Med/Lo)	CFM	355 / 295
Fan Speed Cooling (hi/lo)	rpm	930 / 800
Fan Speed Heating (hi/lo)	rpm	1040 / 940
Noise Level (Hi/Lo)	dB(A)	51 / 50
Insulation Class	--	B
Waterproofing Class	--	IP20

OUTDOOR SIDE SPECIFICATIONS

Fan Motor Model	--	YKT-58-4-3L
Noise Level (Hi)	dB(A)	67
Input	W	87
Capacitor	uF	3
Rated Amps	A	0.38 / 0.42
Blower Motor Speed (hi/lo)	rpm	1580
Capacitor Class	--	S3
Insulation Class	--	B

EVAPORATOR & CONDENSER SPECIFICATIONS

Evaporator Fin Material	Type	Hydrophilic Aluminum
Number of Evaporator Rows	--	2
Number of Evaporator Circuits	--	2
Condenser Fin Material	Type	Hydrophilic Aluminum
Number of Condenser Rows	--	3
Number of Condenser Circuits	--	3

UNIT WEIGHT & DIMENSIONS

Unit Dimensions (W x D x H)	in	42.01 x 20.94 x 15.98
	mm	1067 x 532 x 406
Packing Dimensions (W x D x H)	in	44.49 x 24.61 x 19.29
	mm	1130 x 625 x 490
Net / Gross Weight	lb	101 / 110
	kg	46 / 50

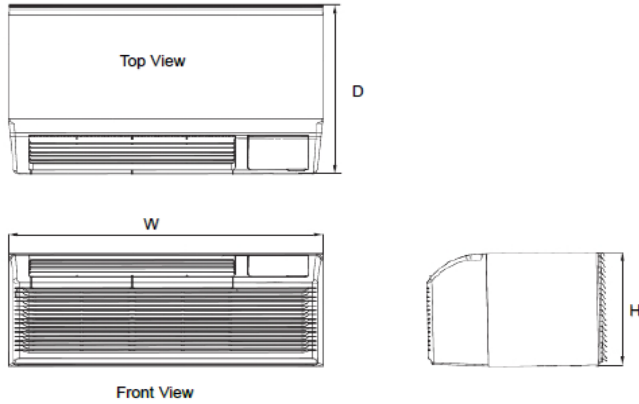
ELECTRICAL POWER SUPPLY PLUG & OUTLET INFORMATION

POWER CONNECTION CHART

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

UNIT MODEL	CODE OF POWER SUPPLY KIT	
	15A	20A
ACiQ-07PTC-B	208 / 230 V	208 / 230 V
ACiQ-09PTC-B	6-15P(15A / 240V)	
ACiQ-12PTC-B		6-20P(20A / 240V)
ACiQ-15PTC5-B		

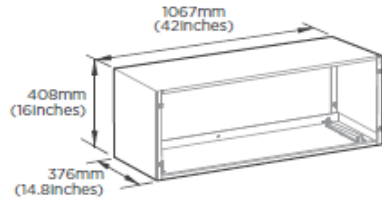
UNIT DIMENSIONS



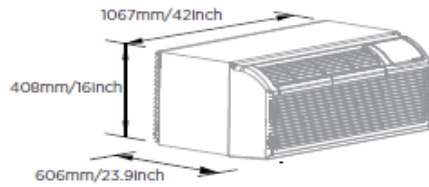
Dimension	WxHxD (mm)
	WxHxD (inch)
Dimension 1 (no sleeve, rear grille and rear net)	1067x406x532 42.0x15.9x20.9
Dimension 2 (no rear grille and rear net, but include sleeve)	1067x408x578 42.0x16.0x22.8
Dimension 3 (include sleeve and rear net)	1067x408x588 42.0x16.0x23.1
Dimension 4 (include sleeve, rear net and rear grille)	1067x408x606 42.0x16.0x23.9

UNIT INSTALLATION INSTRUCTIONS & CLEARANCE REQUIREMENTS

Installation size confirmation :

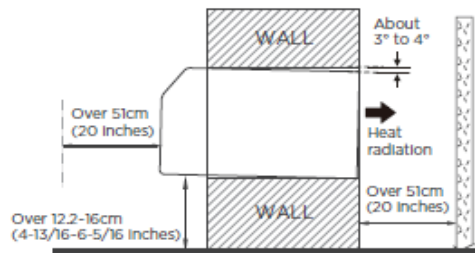


Wall sleeve size requirements (wall hole size should refer to the wall sleeve size)



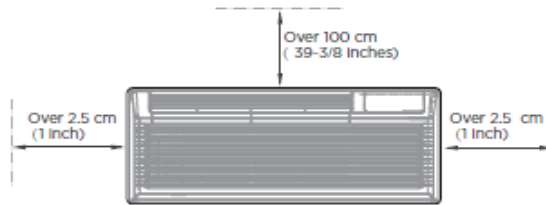
Product size

Confirmation of installation position :



NOTE

To make the appliance work better, please do not place a barrier in the air outlet.



ACCESSORIES



ACiQ-PTC-WS
ACiQ Standard 42" Universal PTAC Wall Sleeve



ACiQ-PTC-G
ACiQ Standard Stamped Aluminum Grille



ACiQ-PTC-AG
ACiQ Extruded Architectural Grille