Submittal Data Sheet

ACiQ Model#: ACiQ-12PTC-W-INV

ACiQ R32 12K PTAC-INVERTER SYSTEM	
Location:	**Approval:**
Engineer:	**Date:**
Submitted to:	**Construction:**
Submitted by:	**Unit #:**
Reference:	**Drawing #:**

ACiQ Model Number: ACiQ-12PTC-W-INV
PTAC Inverter UPC Product Code: 810175554891



INDOOR SIDE SPECIFICATIONS	
Indoor Air Flow (Hi / Med / Lo / Si) (CFM)	335 / 279 / 229 / NA
Indoor Fan Speed (Hi / Med / Lo / Si) (RPM)	Cooling: 944 / 840 / 736 / NA Heating: 984 / 872 / 752 / NA
Indoor Noise Level (Hi / Med / Lo / Si) (dBA)	46 / 43 / 38.5 / 31

OUTDOOR SIDE SPECIFICATIONS	
Outdoor Fan Speed (Hi / Med / Lo / Si) (RPM)	Cooling: 1030 / 930 / 820 / NA Heating: 1030 / 930 / 820 / NA
Outdoor Noise Level (dBA)	64
Compressor Type	ROTARY
Compressor Model	KSN103D42UEZ31
Compressor Brand	GMCC
Refrigerant Type	R32
Refrigerant	0.9
Refrigerant Oil Charge (mL)	280
Refrigerant Oil Type	VG74

EFFICIENCY RATINGS			
Cooling		**Heating**	
EER2	12.8	**COP**	3.8
SEER2	20.5		
SCP	21.0		

UNIT DIMENSIONS & WEIGHT		
Dimension (W×D×H)	**inch**	42.00 x 21.00 x 16.00
	mm	1067 x 532 x 406
Package (W×D×H)	**inch**	44.09 x 24.41 x 19.29
	mm	1120 x 620 x 490
Net/Gross Weight	**lbs**	98.77 / 107.36
	kg	44.8 / 48.7

COOLING PERFORMANCE	
Cooling (Btu/hr)	
Rated Capacity	12,000
Min/Max Capacity	5,000 ~ 14,500
Standard Operating Range (°F / °C)	32°F ~ 122°F (0°C ~ 50°C)

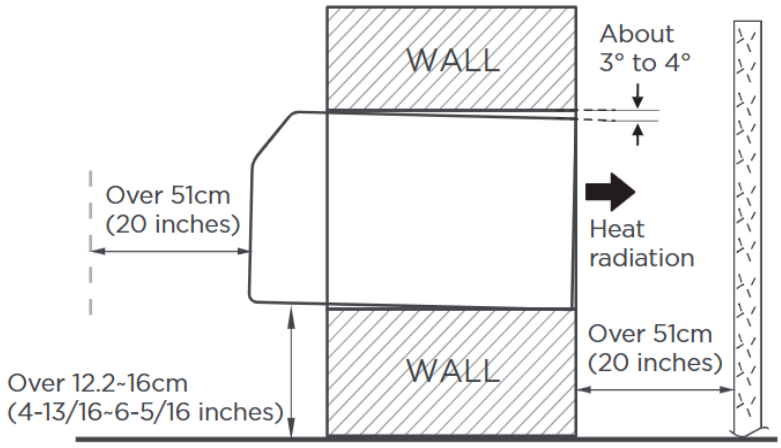
HEATING PERFORMANCE	
Heating (Btu/hr)	
Rated	12,000
Min/Max Capacity	4,000 ~ 13,200
Standard Operating Range (°F / °C)	23°F ~ 75°F (-5°C ~ 24°C)
Standard 3.5kw Electric Heating (Btu/hr)	
Heating Capacity	10900 / 8900

ELECTRICALSPECIFICATIONS	
Indoor Power Supply	208/230V, 60Hz, 1Ph
Outdoor Fan Motor RLA	0.35
Outdoor Fan Motor W	77
Indoor Fan Motor RLA	0.12
Indoor Fan Motor W	42
System Power Input @ Cooling (W)	930
System Power Input @ Heating (W)	925
Electric Heating Input	3550 / 2900
Electric Heating Current	15.5 / 14.0
Plug type	LCDI (6-20P)

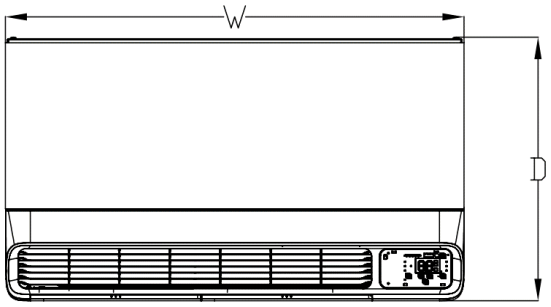
FEATURES

- **Capable of operating down to 23°F**
- **Capable of 100% cooling capacity at 115°F (46°C)**
- **Inverter/Variable Speed Compressor**
- **R-32 Refrigerant**
- **Improved Noise Levels & Sound Insulation**
- **Improved Serviceability**
- **Dehum mode added in algorithm**

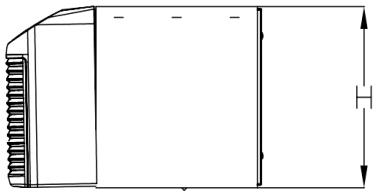
INDOOR UNIT INSTALLATION INSTRUCTIONS AND CLEARANCE REQUIREMENTS



INDOOR UNIT DIMENSIONS







Capacity	W (Width)	D (Depth)	H (Height)
9K-15K	42.00 in (1067 mm)	21.00 in (532 mm)	16.00 in (406 mm)

Units: Inch (Millimeter)

AVAILABLE ACCESSORIES

Standard Stamped Grille



Standard Stamped Grille Dimensions	
Unit Dimension W×H (inch)	41.60 x 15.70
Unit Dimension W×H (mm)	1057 x 398

Extruded Architectural Grille



Extruded Architectural Grille Dimensions	
Unit Dimension W×H×D (inch)	41.90 x 15.20 x 1.10
Unit Dimension W×H×D (mm)	1063 x 387 x 28

PTAC Wall Sleeve





PTAC Wall Sleeve Dimensions	
Unit Dimension W×H×D (inch)	42.01 x 16.01 x 14.80
Unit Dimension W×H×D (mm)	1067 x 408 x 375
Package Dimension (W×D×H) (inch)	43.50 x 16.30 x 6.80
Package Dimension (W×D×H) (mm)	1105 x 415 x 173
Net/Gross weight (lb)	26.5 / 31.3
Net/Gross weight (kg)	12.0 / 14.2