

R32 PTAC System

Model #: ACiQ-15PTC-INV

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

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

R32 PTAC Product Code: 810175552460
 ACiQ Model Number: ACiQ-15PTC-INV

Certified



System Performance		
Cooling Capacity	(Btu/h)	15000
Heating Capacity	(Btu/h)	13500
EER	(Btu/h)/W	10.7
COP (Heating)	(Btu/h)/W	11.6
Dehumidifying Volume	(L/h)	1.5
Application Coverage Area	(sq. ft.)	172-258
Operating Temperature Range (Cooling)	°F	64.4 ~ 115.0
	°C	18 ~ 46.1
Operating Temperature Range (Heating)	°F	-19.4 ~ 77
	°C	-7 ~ 25

Electrical Specifications		
Power Supply	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Min./Max. Voltage	(V)	187.2/253
Cross-sectional Area of Power Cable	(mm²)	AWG12
Recommended Power Cable	(N)	3
Fuse/Breaker Size	(A)	15
Cooling Power Input	(W)	1400
Cooling Current Input	(A)	7.5
Heating Power Input	(W)	1160
Heating Current Input	(A)	6.0
Electric Heating Power Input	(W)	2870/3500
Electric Heating Current Input	(A)	14/15.4
Rated Input	(W)	Cooling: 1730 / Heating: 1420 /
		Electric Heating: 3500
Rated Current	(A)	Cooling: 9.0 / Heating: 8.0 /
		Electric Heating: 15.4

Compressor Specifications		
Model	--	QXF-A120ZH190B
Type	--	ROTARY
Brand	--	LANDA
Power Input	(W)	1096
Rated Load Amps (RLA)	(A)	5.00
Compressor Overload Protector	--	HPC1115/95U1
Refrigerant Oil	--	FW68DA or equivalent

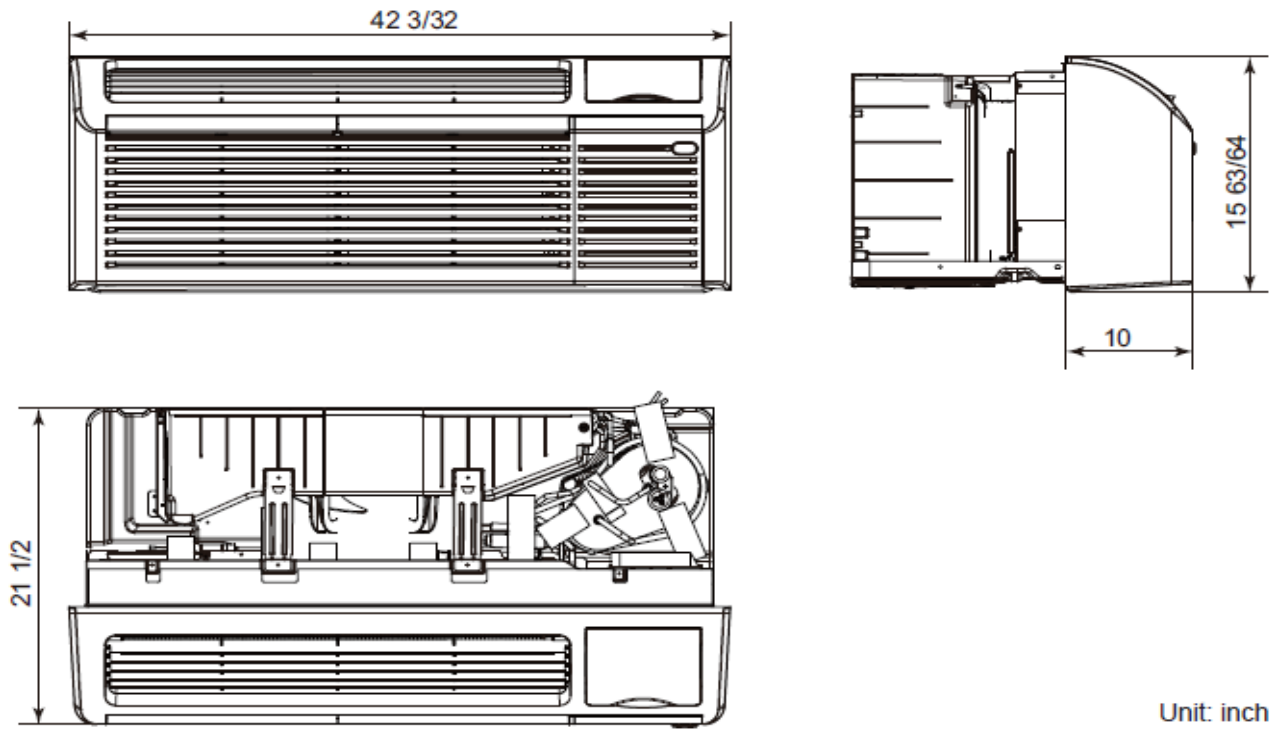
Refrigerant Specifications		
Refrigerant type	--	R-32
Refrigerant Charge Amount	oz	28.92
	kg	0.82
Throttling Method	--	Capillary
Maximum Allowable Pressure	MPa	4.9

Indoor Side Specifications		
Fan Type	--	Cross-Flow
Fan Diameter Length (DxL)	in	4.76x27.80
	mm	121x706
Fan Motor Power Output	(W)	45
Fan Motor RLA	(A)	0.22
Airflow (Hi/Med/Low)	(CFM)	324/277/247
Cooling Speed (Hi/Med/Low)	r/min	1180/1060/920
Heating Speed (Hi/Med/Low)	r/min	1180/1060/920
Indoor Noise level (Hi/Med/Low)	dB(A)	Electric Heating: 1150/1050/950
Evaporator Material	--	63/62/61
Evaporator Pipe Diameter	inch	Aluminum Fin-Copper Tube
	mm	0.276
Evaporator Rows/Fin Gap	in	7
	mm	0.12-0.06
Evaporator Coil Length (LxDxW)	in	3-1.4
	mm	27.48x9.53x1.5
		698x242x38.1

Outdoor Side Specifications		
Fan Type	--	Axial-flow
Fan Diameter	in	13.74
	mm	349
Fan Motor Power Output	(W)	20
Fan Motor RLA	(A)	0.52
Airflow (outdoor fan)	(CFM)	565
Fan Motor Speed	r/min	1340/1120
Outdoor Noise Level (Hi)	dB(A)	79
Condenser Material	--	Aluminum Fin-Copper Tube
Condenser Pipe Diameter	inch	0.276
	mm	7
Condenser Rows/Fin Gap	in	0.12-0.06
	mm	3-1.3
Condenser Coil Length (LxDxW)	in	30.71x13.50x1.35
	mm	780x343x34.2
Moisture Protection	--	IPX4

Dimensions & Weight		
Unit Dimensions (WxDxH)	in.	42.09x21.50x15.98
	mm	1069x546x406
Packaging Dimensions (WxDxH)	in.	45.16x25.71x18.46
	mm	1147x653x469
Net/Gross Weight	lbs	112.50/124.60
	kg	51.0/56.5
Container Loading Quantity (20'/40')	unit	68/144

Unit Dimensions



Installation Clearance Requirements

