

R32 PTAC System		Model #: ACiQ-12PTC-INV
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____	

R32 PTAC Product Code:	810175552453
ACiQ Model Number:	ACiQ-12PTC-INV
Certified	 



System Performance		
Cooling Capacity	(Btu/h)	12000
Heating Capacity	(Btu/h)	11800
EER	(Btu/h)/W	12.4
COP (Heating)	(Btu/h)/W	12.5
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

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)	323/276/247
Cooling Speed (Hi/Med/Low)	r/min	1080/960/880
Heating Speed (Hi/Med/Low)	r/min	1080/960/880
Indoor Noise level (Hi/Med/Low)	dB(A)	Electric Heating: 1150/1050/950
		63/62/61
Evaporator Material	--	Aluminum Fin-Copper Tube
Evaporator Pipe Diameter	inch	0.276
	mm	7
Evaporator Rows/Fin Gap	in	0.12-0.06
	mm	3-1.4
Evaporator Coil Length (LxDxW)	in	27.48x9.53x1.5
	mm	698x242x38.1

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)	970
Cooling Current Input	(A)	5.5
Heating Power Input	(W)	940
Heating Current Input	(A)	5.0
Electric Heating Power Input	(W)	2870/3500
Electric Heating Current Input	(A)	14/15.4
Rated Input	(W)	Cooling: 1260 / Heating: 1110 / Electric Heating: 3500
Rated Current	(A)	Cooling: 6.8 / Heating: 5.3 / Electric Heating: 15.4

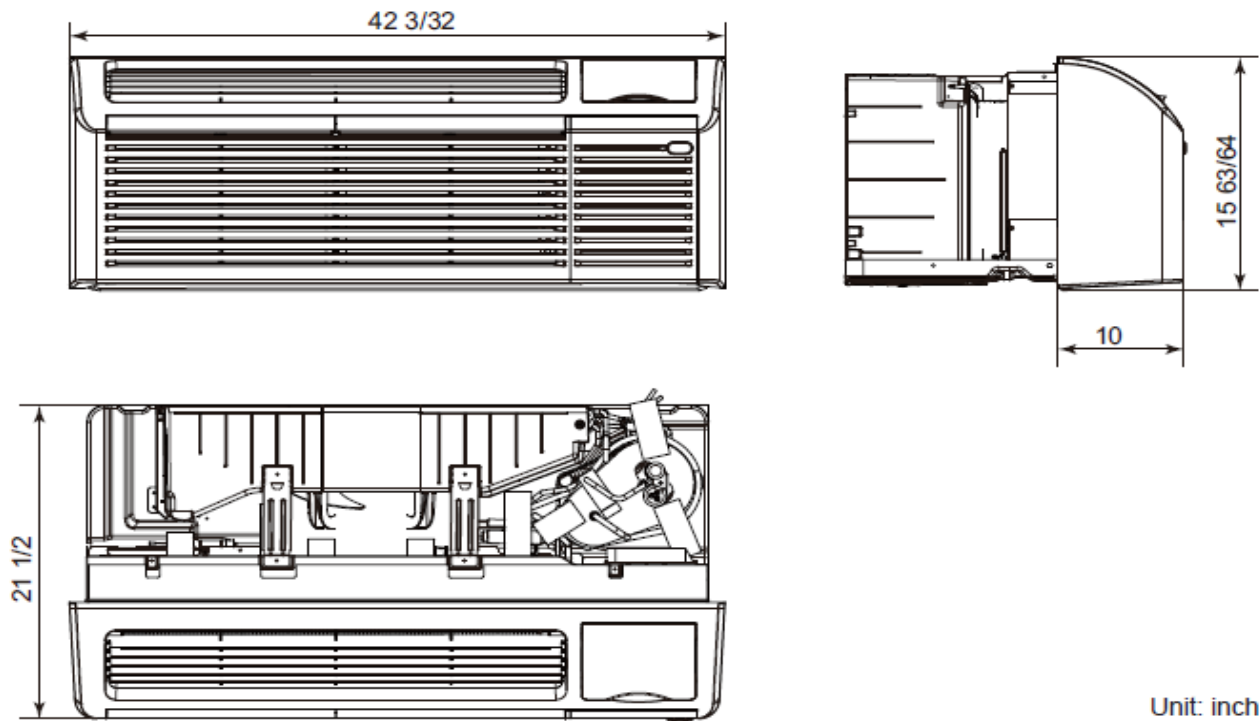
Compressor Specifications		
Model	--	QXF-A102zE190H
Type	--	ROTARY
Brand	--	LANDA
Power Input	(W)	1064
Rated Load Amps (RLA)	(A)	4.60
Compressor Overload Protector	--	HPC1115/95U1/KSD115°C
Refrigerant Oil	--	FW68DA or equivalent

Refrigerant Specifications		
Refrigerant type	--	R-32
Refrigerant Charge Amount	oz	28.57
	kg	0.81
Throttling Method	--	Capillary
Maximum Allowable Pressure	MPa	4.9

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	110.25/122.38
	kg	50.0/55.5
Container Loading Quantity (20'/40')	unit	68/144

Unit Dimensions



Installation Clearance Requirements

