



SUBMITTAL DATA SHEET

Heat Pump Water Heater System 50 Gallon

Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____
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Product Code	22025310000551
Product Model	ACIQ-50G-HP-WH
Certified	AHRI Energy Star UL



SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	240V, 1Ph, 60Hz
Voltage Range	(V)	208-240
Electrical		
Minimum circuit ampacity	(A)	23.6A(208V)/26.8A(240V)
Max.fuse	(A)	25A(208V)/30A(240V)
Connection wiring		10AWG*3
Energy information		
Normal Gallon Capacity	(Gallon)	50
Rated Gallon Capacity	(Gallon)	47
Uniform Energy Factor (UEF)		3.75
First Hour Rating (FHR)	(Gallon)	69
Water Outlet Temperature Range	(Deg. °F)	109-149
Upper Element Wattage	(W)	4500(240V)
Lower Element Wattage	(W)	4500(240V)
Compressor capacity	(W)	1500
Total Unit Wattage (input)	(W)	5500
Cold Climate Efficiency(CCE)		3.0
Recovery In G.P.H. 90° F Rise		27.5
Heat pump ambient operating range	(Deg. °F)	37~109
Element ambient operating range	(Deg. °F)	5~115
Sound	(dBA)	49.5

UNIT DATA

Body Height	(inch)	66.4
Body Diameter(inch)	(inch)	21.70
Body Weight	(lbs)	218
Ship Length(inch)	(inch)	28.3*27.2
Ship Height(inch)	(inch)	74.8
Ship Weight(lbs)	(lbs)	264.6
Inlet Water Connection Size	(inch)	3/4
Outlet Water Connection Size	(inch)	3/4
Drainage Hose	(inch)	3/4
Installation Clearance (Back)	(inch)	0
Installation Clearance (side)	(inch)	6
Installation Clearance (top)	(inch)	20
Refrigerant Type		R134a
Refrigerant charge	oz	18.34
Loading quantity(40HQ)	pcs	51



