

Heat Pump Water Heater System

50 Gallon

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

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

Product Code	22025310000551		
Product Model	ACIQ-50G-HP-WH		
Certified	AHRI		
	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	
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

Unit Height	(inch)	66.4
Unit Diameter	(inch)	21.70
Unit Weight	(lbs)	218
Shipping Length	(inch)	28.3*27.2
Shipping Height	(inch)	74.8
Shipping Weight	(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 (40 HQ)	pcs	51

