

Heat Pump Water Heater System

80 Gallon

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

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

Product Code	22025310000569		
Product Model	ACiQ-80G-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)	80	
Rated Gallon Capacity	(Gallon)	75	
Uniform Energy Factor (UEF)		4.00	
First Hour Rating (FHR)	(Gallon)	91	
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

Unit Height	(inch)	74.2
Unit Diameter	(inch)	25.60
Unit Weight	(lbs)	290
Shipping Length	(inch)	30.3*29.1
Shipping Height	(inch)	83.1
Shipping Weight	(lbs)	358.0
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	45

