

Heat Pump Water Heater System

50 Gallon

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

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

50G Water Heater Product Code: 810175551777

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
 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

