

Heat Pump Water Heater System

80 Gallon

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

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

80G Water Heater Product Code: 81017555171784

Product Model ACiQ-80G-HP-WH

Certified

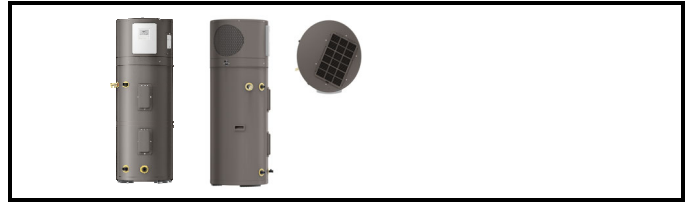
AHRI



Energy Star



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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

