



ENERGY STAR CERTIFIED

Heat Pump Water Heaters

PolarWave - Heat pump water heater : ACIQ-80G-HP-WH

Specifications

ENERGY STAR Unique ID:	3626851
ENERGY STAR Partner:	1HVAC Energy, LLC
Brand Name:	PolarWave
Model Name:	Heat pump water heater
Model Number:	ACIQ-80G-HP-WH
Connected Capable:	Yes
Connects Using:	Wi-Fi,CTA-2045
DR Protocol:	CTA-2045-B
Communication Hardware Architecture:	A - Built-in
Time of Use Schedule:	Yes
Tax Credit Eligible:	Yes
ENERGY STAR Certified:	Yes
Type:	Hybrid/Electric Heat Pump
Fuel:	Electric
Max. Amps:	24.0
Input Voltage for HPWH (V):	240
Draw Pattern (Intended Usage):	High-Usage
First Hour Rating (gallons):	91
Heat Pump Type:	240 Volt Integrated HPWH
Lower Compressor Cut Off Temperature for HPWH (°F):	37.4
Upper Compressor Cut Off Temperature for HPWH (°F):	107.6
Refrigerant with GWP:	R-134a (GWP:1430)
Uniform Energy Factor (UEF):	4.0
Recovery Efficiency (%):	450.0
Electric Input (kW):	5.5
Electric Usage (kWh/yr):	1240.0
Storage Volume (gallons):	74.0
Tank Diameter (inches):	21.8
Tank Height (inches):	41.7
Date Certified:	2024-11-11
Markets:	United States, Canada

Captured On:

07/21/2025