



ENERGY STAR CERTIFIED

# Heat Pump Water Heaters

## A. O. Smith - Heat Pump : HPTS-80 2\*\*

### Specifications

<b>ENERGY STAR Unique ID:</b>	2408847
<b>ENERGY STAR Partner:</b>	A.O. Smith Corporation
<b>Brand Name:</b>	A. O. Smith
<b>Model Name:</b>	Heat Pump
<b>Model Number:</b>	HPTS-80 2**
<b>Connected Capable:</b>	Yes
<b>Connects Using:</b>	CTA-2045
<b>DR Protocol:</b>	CTA-2045-A,CTA-2045-B
<b>Communication Hardware Architecture:</b>	B - Manufacturer-specific external communication module (s) and/or device (s),C - Open standards-based communication port on the appliance with open standards-based communication module
<b>Time of Use Schedule:</b>	Yes
<b>ENERGY STAR Certified:</b>	Yes
<b>Type:</b>	Hybrid/Electric Heat Pump
<b>Fuel:</b>	Electric
<b>Max. Amps:</b>	22.0
<b>Input Voltage for HPWH (V):</b>	240
<b>Draw Pattern (Intended Usage):</b>	High-Usage
<b>First Hour Rating (gallons):</b>	95
<b>Heat Pump Type:</b>	240 Volt Integrated HPWH
<b>Lower Compressor Cut Off Temperature for HPWH (°F):</b>	37.0
<b>Refrigerant with GWP:</b>	R-134a (GWP:1430)
<b>Uniform Energy Factor (UEF):</b>	3.88
<b>Recovery Efficiency (%):</b>	430.0
<b>Electric Input (kW):</b>	4.5
<b>Electric Usage (kWh/yr):</b>	1279.0
<b>Storage Volume (gallons):</b>	82.0
<b>Tank Diameter (inches):</b>	27.0
<b>Tank Height (inches):</b>	69.0
<b>Date Certified:</b>	2025-12-12
<b>Markets:</b>	United States, Canada

**Captured On:**  
04/12/2026