



ENERGY STAR CERTIFIED

Heat Pump Water Heaters

A. O. Smith - Heat Pump : HPTA-80 2**

Specifications

ENERGY STAR Unique ID:	3417562
ENERGY STAR Partner:	A.O. Smith Corporation
Brand Name:	A. O. Smith
Model Name:	Heat Pump
Model Number:	HPTA-80 2**
Connected Capable:	Yes
Connects Using:	CTA-2045
DR Protocol:	CTA-2045-A,CTA-2045-B
Communication Hardware Architecture:	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
Time of Use Schedule:	Yes
ENERGY STAR Certified:	Yes
Type:	Hybrid/Electric Heat Pump
Fuel:	Electric
Max. Amps:	22.0
Input Voltage for HPWH (V):	240
Draw Pattern (Intended Usage):	High-Usage
First Hour Rating (gallons):	95
Heat Pump Type:	240 Volt Integrated HPWH
Lower Compressor Cut Off Temperature for HPWH (°F):	37.0
Refrigerant with GWP:	R-134a (GWP:1430)
Uniform Energy Factor (UEF):	3.88
Recovery Efficiency (%):	428.0
Electric Input (kW):	4.5
Electric Usage (kWh/yr):	1279.0
Storage Volume (gallons):	81.0
Tank Diameter (inches):	27.0
Tank Height (inches):	69.0
Date Certified:	2025-12-12
Markets:	United States

Captured On:
03/15/2026