



SMART HYBRID ELECTRIC HEAT PUMP WATER HEATERS



The most energy efficient way to heat water just got smarter - now with the option to save even more money and get more peace of mind with built-in leak detection and automatic shut off valve.

Save more, worry less.

The Smart Hybrid Electric Heat Pump can reduce water heating costs up to 78%, saving up to \$607 per year on utility bills* while qualifying for many state and local utility rebates.

How Do They Work?

A. O. Smith Signature Series® Smart Hybrid Electric Heat Pump Water Heaters absorb ambient heat from the surrounding air to heat water using a compressor. They have a self-contained heat pump integrated into the top of the tank and backup electric elements that can supplement the heat pump depending on operating mode, environmental conditions and hot water demand.

*Comparing 66-gallon heat pump against pre-2015 similarly-sized standard electric using DOE EF to UEF conversion rates. Savings may vary.



SMART HYBRID ELECTRIC HEAT PUMP WATER HEATERS



A. O. Smith
(FEDEX, UPS) 500 Princeton Road, Johnson City, TN 37601-2030
(Mailing) P.O. Box 1597, Johnson City, TN 37605-1597





SMART HYBRID ELECTRIC HEAT PUMP WATER HEATERS IN 50-, 66-, and 80-GALLON NOMINAL CAPACITIES

- 10-Year Limited Tank and Parts Warranty
- ENERGY STAR® qualifies for many state and local utility rebates
- 4X Advanced Energy Savings
4X more efficient, saving you up to \$607 per year on energy bills*
- Leak Watch® smart technology immediately alerts you of a leak for your peace of mind
- Leak Shield® automatically shuts off water supply when a leak is detected
- iCOMM™ Smart Connectivity notifies and manages your water heater from your smartphone
- Tank Guard® Plus adapts to local water quality for added tank protection
- Ideal hot water delivery for households with 5+ people when sized appropriately
- Side & top water connections and built-in duct adapters for ease of installation, zero clearance required
- Super quiet operation – 45 dBA, the quietest in the industry
- Long-lasting upper and lower backup copper heating elements
- Durable, tamper-resistant brass drain valve
- CSA certified and ASME rated temperature & pressure relief valve for safety
- Rated for 208 and 240 Volt power supply

*Comparing 66-gallon heat pump against pre-2015 similarly-sized standard electric using DOE EF to UEF conversion rates. Savings may vary.



Product Type	Lowe's® Item Number	Lowe's® SOS Number	Nominal Capacity (Gallons)	Rated Storage Volume (Gallons)	First Hour Delivery (Gallons)	Element Wattage (Upper/Lower)	Gallons Per Hour Recovery (Based on 90°F Rise)	Uniform Energy Factor	Diameter (Inches)	Height to top of tank (Inches)
Smart Hybrid Electric Heat Pump, 10-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor†										
Tall	5207971	5207972	80	82	95	4500/4500	20.7	3.88	26 1/2	69
Tall	4842214	4842215	66	67	82	4500/4500	20.7	4.02	26 1/2	61 1/2
Tall	4065452	5207970	50	46	65	4500/4500	20.7	3.80	22	63

†For complete information consult written warranty.

Uniform Energy Factor and First Hour ratings shown for Hybrid Electric Heat Pump units are based on operation in the Hybrid mode. Recovery Ratings shown for Hybrid Electric Heat Pump units are based on back up heating element performance. Hybrid Electric Heat Pump units are rated for both 208 VAC and 240 VAC single phase power supply.

A. O. Smith® reserves the right to make product changes or improvements without prior notice. Dimensions in all charts shown in inches. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement. Some models may not be available in all markets.

EASY-TO-USE ELECTRONIC DISPLAY

- User friendly, easy to read eye-level display
- Easily select operating mode: Heat Pump, Hybrid, Electric, Vacation
- Display communicates mode, set point, and displays service messages when applicable
- Vacation mode programmable up to 99 days

HEAT PUMP MODE

- Utilizes the heat pump for all water heating for the most energy efficient operation*

HYBRID MODE

- Utilizes compressor as primary heat source, during periods of high demand heating elements will also be energized to provide supplementary heating*

ELECTRIC MODE

- Standard electric water heater operation - utilizes heating elements for all water heating

VACATION MODE

- Maintains tank temperature at 60°F during vacation or extended absence, up to 99 days, to reduce operating costs and provide freeze protection

*Automatically reverts to heating element only operation if entering air temperature is above 120°F, below 37°F or tank water temperature is below 55°F.

