VOLTEX® HYBRID ELECTRIC HEAT PUMP WATER HEATER

The Voltex Hybrid Electric heat pump water heater from A. O. Smith is the most cost effective energy-efficient option available for consumers who want to save money on their utility bills. Voltex can reduce water heating costs up to 73% and provide payback in 2-3 years. With annual savings of $305 or more, there is no better way to go green than Voltex.

HOW DO THEY WORK?
Absorb ambient heat from the surrounding air to heat water using a compressor and “Environmentally-Friendly” R134a refrigerant
• Self-contained heat pump unit is integrated into the top of the tank
• Multiple operating modes to maximize efficiency and performance

QUALIFIES FOR MANY STATE AND LOCAL UTILITY REBATES - CHECK WWW.DSIREUSA.ORG

INCREASED ENERGY EFFICIENCY
• Improved efficiency designed in, to ensure available hot water at the lowest possible cost. Up to a 3.45 Uniform Energy Factor (UEF) Rating conserves energy and meets ENERGY STAR® qualifications

CHOICE OF OPERATING MODES
• Select from Efficiency, Hybrid, or Electric modes to match heating requirements to environmental conditions.
• Hybrid mode automatically adjusts between compressor and element, depending upon heat requirements.
• Vacation mode reduces operating costs and provides freeze protection during extended absence

BACKUP ELECTRIC ELEMENTS
• Long-lasting backup heating elements help heat water according to environmental conditions, demand, and the chosen operating mode

COREGARD™ ANODE ROD
• Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods
• 66 and 80 gallon models have dual anodes for added protection.

DRY FIRE PROTECTION
• Control system checks to ensure the tank is full of water during start up to prevent dry firing the heating elements

ELECTRONIC USER INTERFACE
• User-friendly electronic interface allows easy control of temperature setting, operating mode, and communicates diagnostics
• Easy to read temperature display (see back) shows temperature in °F or °C
• Advanced diagnostics convey error messages for service purposes. The last four error messages are saved in the control system memory.

OTHER FEATURES
• Ideal for basements or garage installations; the compressor transfers heat to the water while dehumidifying and cooling the ambient air
• Washable air filter is easily removed for routine cleaning

OPTIONAL AIR DUCT ADAPTER KIT
• Permits installation in confined spaces

SIX YEAR LIMITED WARRANTY
• For complete information, consult written warranty or go to hotwater.com
COMMERCIAL-GRADE RESIDENTIAL ELECTRIC WATER HEATERS

**COMMERCIAL-GRADE RESIDENTIAL ELECTRIC WATER HEATERS**

**For Technical Information, call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>UEF</th>
<th>First Hour Rating (Gallons)</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
<th>Warranty Term</th>
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</table>

Requires 30 amp breaker.
Top T&P option not available.

**ELECTRONIC USER INTERFACE**

- User friendly, easy to read display.
- LEDs clearly indicate the current operating mode.
- Easily select operating mode:
  - Efficiency
  - Hybrid
  - Electric
  - Vacation
- Display communicates current status, mode and set point, and displays error messages when applicable.

**EFFICIENCY MODE**

- Utilizes the heat pump for all water heating.
- Automatically reverts to heating element if ambient air or water temperatures are outside optimal operating range for heat pump.

**HYBRID MODE**

- Utilizes the heat pump or heating element, depending on demand.

**ELECTRIC MODE**

- Standard electric water heater operation.

**VACATION MODE**

- One touch operation maintains tank temperature of 60°F (15.6°C) during vacation or extended absence to reduce operating costs and provide freeze protection.
- Programmable up to 99 days.

**OTHER FEATURES:**

- Sacrificial anode to protect against tank corrosion.
- Environmentally-friendly non-CFC foam insulation.
- Durable, enhanced-flow brass drain valve.
- CSA certified and ASME rated temperature & pressure relief valve.

**OPERATING REQUIREMENTS:**

- Requires provision for condensate draining; if a suitable drain is not available, a condensate pump is required.
- 208/240 VAC 60Hz single phase 30 amp power supply.