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 71% and provide payback in 2-3 years. With annual savings of $437 or more, there is no better way to go green than Voltex.

**INCREASED ENERGY EFFICIENCY**
- Improved efficiency designed in, to ensure available hot water at the lowest possible cost. Up to a 3.24 Energy Factor (EF) 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

**TEN YEAR LIMITED WARRANTY**
- For complete information, consult written warranty or go to hotwater.com
Residential Electric Water Heater

**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.

**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.

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**Model Number** | **Gallon Capacity** | **Energy Factor by Mode** | **1st Hour Rating (Gal) By Mode** | **Dimensions in Inches** | **Warranty Term**
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HPTU-50N | 50 | 3.61 Efficiency, 3.24 Hybrid, 0.93 Electric | 44.4 Efficiency, 70 Hybrid, 57.3 Electric | A: 63, B: 22, C: 40-5/8, D: 3-3/4, E: 40-1/2 | 10
HPTU-66N | 66 | 3.44 Efficiency, 3.17 Hybrid, 0.92 Electric | 62.5 Efficiency, 80 Hybrid, 78.6 Electric | A: 61, B: 27, C: 38, D: 4, E: 38 | 10
HPTU-80N | 80 | 3.27 Efficiency, 3.06 Hybrid, 0.92 Electric | 76.3 Efficiency, 95 Hybrid, 90.1 Electric | A: 69, B: 27, C: 46, D: 4, E: 46 | 10

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