

HEAT PUMP WATER HEATER vs. STANDARD ELECTRIC

Lower bills. Big rebates. Plenty of hot water. A heat pump water heater is just a smarter choice – see how it stacks up.

WATER HEATER COMPARISON

50-GAL. STANDARD
ELECTRIC
WATER HEATER

50-GAL. VOLTEX®
HEAT PUMP
WATER HEATER

| | 50-GAL. STANDARD ELECTRIC WATER HEATER | 50-GAL. VOLTEX® HEAT PUMP WATER HEATER |
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| ESTIMATED ELECTRIC WATER HEATING COSTS PER MONTH | \$35 | \$9.50 |
| ESTIMATED ANNUAL ELECTRIC WATER HEATING COSTS | \$419 | \$114 |
| SAVINGS PER YEAR | \$0 | \$305 |
| LIFETIME SAVINGS <i>Based on 10-year warranty</i> | \$0 | \$3,050 |
| UTILITY REBATES & TAX CREDITS | No | Yes |
| PAYBACK OF INCREMENTAL COSTS | N/A | 3 Years or Less with local Utility incentives. Check www.hotwater.com |
| WARRANTY <i>Tank and parts</i> | 6 Years | 10 Years |
| ENERGY STAR® <i>Meets or exceeds ENERGY STAR specifications for energy efficiency.</i> | No | Yes |
| UNIFORM ENERGY FACTOR <i>Percentage of energy that is turned into hot water. The higher the number, the more efficient the unit and the less it will cost to operate.</i> | 0.93-0.95 | 3.42 |
| FIRST HOUR RATING <i>Number of gallons of water a fully heated water heater can deliver in the first hour of use.</i> | 57-62 | 66 |

* Based on DOE test procedure and Energy Guide comparison of 50-gallon nominal capacity standard electric and A. O. Smith 50 gallon Voltex® heat pump water heaters. Annual energy savings of 2543 kWh/year and average U.S. residential electricity cost of 12 cents/kWh.



HEAT PUMP WATER HEATER INSTALLATION TIPS

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| CONDENSATE MANAGEMENT | ABOVE GRADE (e.g., garage) | BELOW GRADE (e.g., basement) |
| | Sloped to: <ul style="list-style-type: none"> • Outside • Laundry drain | <ul style="list-style-type: none"> • Pump to outside Sloped to: <ul style="list-style-type: none"> • Floor drain • Laundry drain |
| LOCATION CONSIDERATIONS | ROOMS > 100 SQ FT | ROOMS < 100 SQ FT |
| | <ul style="list-style-type: none"> • Manufacturer required clearances | <ul style="list-style-type: none"> • Louvered doors • Venting • Manufacturer required clearances |

POTENTIAL SUPPLIES

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| <ul style="list-style-type: none"> • PVC pipe and elbows, primer, glue • If flex connect, 3/8 inch flex connect • Condensate pump | <ul style="list-style-type: none"> • Venting kit / supplies • Seismic strapping • Foam pad |
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PRO-TIPS

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| <ul style="list-style-type: none"> • Size product per code and manufacturer specs • Condensate pipes sloped per code • Ensure access for filter cleaning • No need for Teflon tape with flex connects | <ul style="list-style-type: none"> • Prime and glue all PVC connections • Allow clearance for sacrificial rod • Install noise dampening features as needed |
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For more information, visit Hotwater.com

