

Homeowner Energy Pricing for Hot Water

- Natural Gas water heaters have higher First Hour Ratings and quicker recovery than comparable sized electric water heaters.
- A 40 gallon conventional gas water heater produces more hot water than a 50 gallon conventional electric water heater.
- Natural gas water heaters heat water twice as fast as electric models.



Representative Average Residential Energy Costs

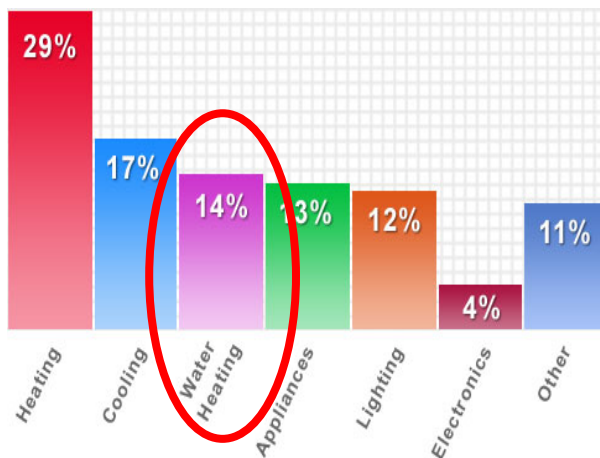
Type of Energy	Cost per million BTU
Electricity	\$36.61
Natural Gas	\$10.37
No. 2 Heating Oil	\$18.24
Propane	\$24.17
Kerosene	\$22.31

EIA, Oct 2016 – Feb 2017

Average U.S. Price per year for Residential Water Heating	
Price of Natural Gas for Hot Water	Price of Electric for Hot Water
\$ 244	\$ 590

As reported by AGA, estimate for 2017

Where Does My Money Go?



Source: EIA.gov

Cost of Natural Gas versus Electricity for Hot Water

Standard electric tank style water heaters have a higher Efficiency Factor (EF) factor than similar gas water heaters, but the cost to produce residential hot water is higher with an electric water heater than a natural gas water heater everywhere in the U.S.

Making Cents - Natural Gas vs Electric Water Heating

- The water heater is the third largest energy user in a typical home, after space heating and cooling. So, it is important to select the most efficient appliance.
- Natural gas water heaters heat water twice as fast as electric models and tend to have a higher first hour recovery rate. Because of this, a conventional 40 gallon water heater produces more hot water than a conventional 50 gallon water heater.
- When shopping for a new water heater, don't make your decision based on purchase price alone. Make sure you compare operating costs as well. Since natural gas costs less than electricity, on average, the operating cost for gas water heaters are much lower too!



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