# GeoSpring™ Hybrid Water Heater

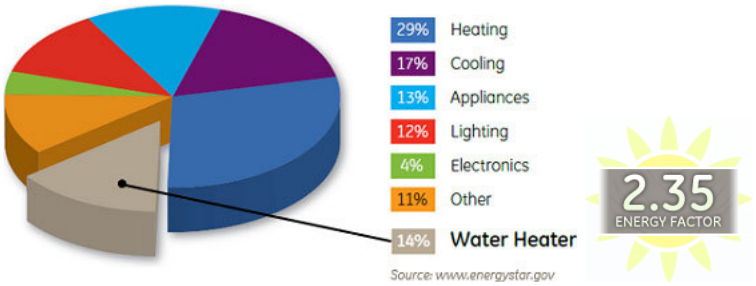
an Electric Heat Pump Water Heater

ENERGY STAR

## Energy Savings

**Cut water heating energy usage by up to 62%**

HOUSEHOLD ENERGY USE:




## The most energy efficient 50-gallon heat pump water heater you can buy

Did you know that residential electric water heaters are the highest energy users in U.S. households behind air heating and cooling systems? **It's true**. In fact, if you combine the energy consumed by your refrigerator, dishwasher, clothes washer and clothes dryer, these appliances would use less energy than your current standard water heater. But recent technological advancements and increasing energy prices have pushed water heaters to the forefront of emerging high efficiency, energy-conscious products. And GE is leading the way by developing a solution that offers the same amount of hot water for the entire family, while using significantly less energy than a standard water heater.

**The energy efficient GE hybrid water heater exceeds 2010 ENERGY STAR standards** with an energy factor rating (EF) of 2.35 (in Hybrid mode). The energy factor indicates a water heater's overall energy efficiency based on the amount of hot water produced per unit of fuel consumed over a typical day. The higher the energy factor, the more efficient the water heater will be. GeoSpring hybrid electric heat pump water heater – 2.35 EF (in Hybrid mode). A Standard electric water heater – 0.88 EF

**That means a GE electric heat pump water heater:**
Saves approximately $320* per year–that's $3,200 savings in energy costs over a 10-year period
Uses less than half the energy compared to a conventional 50-gallon tank water heater
Operates at 550 watts in eHeat™ mode vs. 4,500 watts in standard electric mode
Exceeds ENERGY STAR requirement of 2.0 Energy Factor (EF) with a rating of 2.35 EF (in Hybrid mode)

**Reduce your carbon footprint**
Operating a GE hybrid water heater instead of a standard 50-gallon electric model could help a U.S. household reduce water heating operating costs by approximately 62%, saving up to $320 annually and $3,200 over a 10-year period based on an electricity cost of 10.65 cents per kWh.
Operating a GE hybrid water heater instead of a standard 50-gallon electric model could help a U.S. household avoid up to 62% of its CO2 emissions from the US grid associated with water heating.

If 25% of U.S. households purchasing a new electric water heater in a given year were to choose GE's hybrid water heater over a standard 50-gallon electric water heater more than 4 billion lbs. of CO2 emissions from the U.S. grid could be avoided annually, equivalent to the annual emissions of more than 360,000 cars on U.S. roads.

***Based on DOE test procedure and comparison of a 50-gallon standard electric tank water heater using 4879 kWh per year vs. the GeoSpring hybrid heat pump water heater using 1856 kWh per year.***