



Hot Water, Hotter Savings with ENERGY STAR® Certified Electric Water Heaters



Save Now with ENERGY STAR® Certified Electric Heat Pump Water Heaters!

Water heaters are the second highest energy user in the home and cost a family of four up to \$630 annually! Electric water heaters that earn the ENERGY STAR label are independently certified to save energy, save you money, and protect the environment. In fact, they:

- Use less than half of the energy of standard electric water heater models (see Figure 1).
- Can save a family of four more than \$3,500 over the product's lifetime (see Table 1).
- Help you do your part to protect the climate.

And now with a **\$300 federal tax** credit and big rebates available in many areas, ENERGY STAR water heaters offer the hottest savings ever.

What Makes ENERGY STAR Certified Electric Heat Pump Water Heaters So Efficient?

ENERGY STAR certified electric water heaters save energy by transferring heat from the surrounding air to the water in the storage tank—essentially a refrigerator run in reverse. It takes much less power to move heat from one place to another rather than generate heat (like a typical electric resistance coils).

How Can I Save Even More?

Many utilities offer incentives for purchasing ENERGY STAR certified water heaters. Table 2 shows several examples from across the country. Manufacturers and retailers also offer discounts on certified water heaters throughout the year, increasing your savings opportunity. Check with your local utility for more details or go to energystar.gov/rebatefinder.

Learn more about tax credits on eligible ENERGY STAR certified water heaters at energystar.gov/taxcredits.

Did You Know?

If all residential electric heat pump water heaters sold in the U.S. were ENERGY STAR certified, the energy cost savings would grow to \$11.8 billion annually, preventing more than 140 billion pounds of greenhouse gas emissions—equal to the emissions from more than 13 million vehicles, every year!

Figure 1: Annual Energy Costs for an Electric Water Heater (4-Person Family)

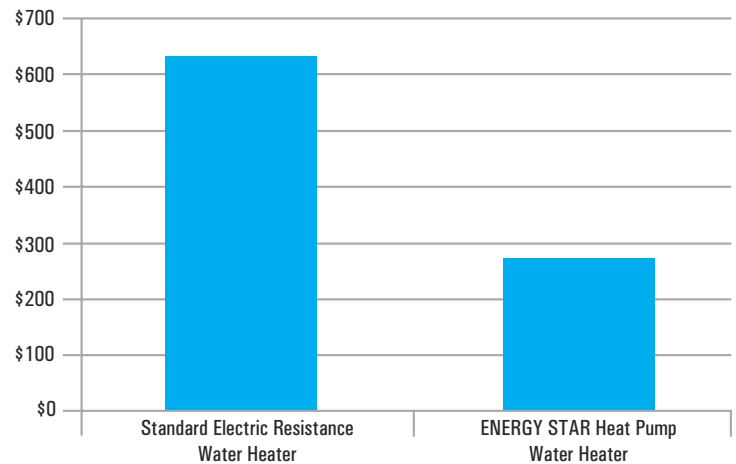


Table 1: ENERGY STAR Certified Electric Heat Pump Water Heater Savings Based on Household Size

Household Size	Annual Savings	Payback (Years)	Lifetime Savings
2	\$170	4.8	\$1,370
3	\$250	3.2	\$2,450
4	\$330	2.4	\$3,530

Table 2: ENERGY STAR Certified Electric Heat Pump Water Heater Rebates

State	Utility	Incentive
CA	PG&E	\$1,000
MA	Hawaii Energy	\$600
ME	mass save	\$750
NH	efficiency MAINE	\$750
NY	NEW HAMPSHIRE Electric Co-op	\$650
WA	PSE PUGET SOUND ENERGY	\$500



Best to Replace Before it Breaks!

If your water heater is 10 years old or older, chances are it is heating water inconsistently, or worse—going to altogether fail and flood your home. Some common signs that can indicate water heater failure are:

- **Visible corrosion:** look for corrosion around water lines coming in and out of the unit, or on the unit itself.
- **Water leaking:** water leaking from any joint, seals or seams of your hot water heater is usually an indication there is a problem.
- **Rust in your water:** rust in the water is usually a sign that the interior of the water heating system is corroding and breaking down.
- **Lack of available hot water:** as hot water tanks age, sediment can build up in a way that reduces capacity of the tank.
- **Rumbling noises:** water heaters are designed to operate consistently, quietly and reliably. If your water heater is making unusual noises, rumblings or vibrations, that may indicate sediment buildup or other problems.

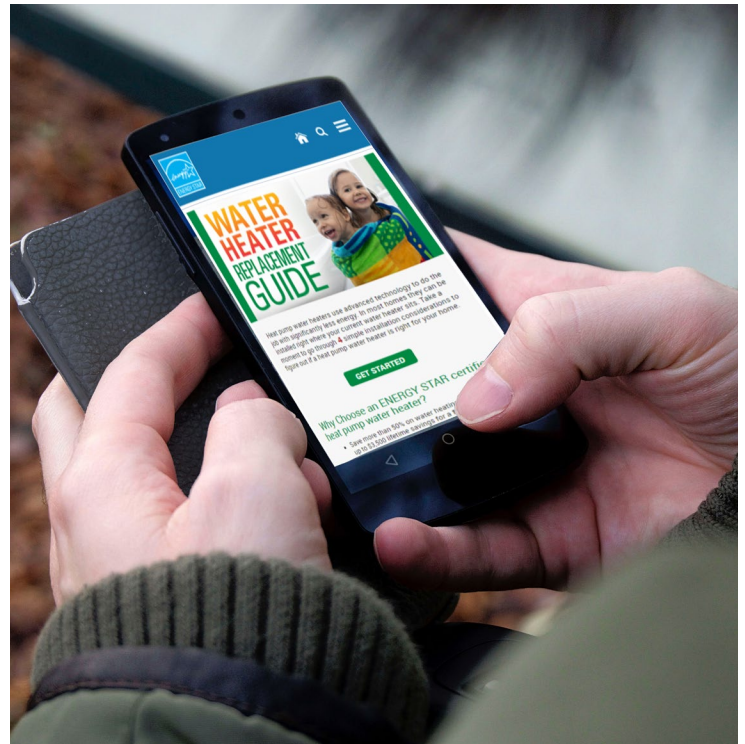
Avoid the hassle, stress, and extra costs of water heater failure by planning ahead and replacing your old water heater early, before disaster strikes, with a new ENERGY STAR certified water heater.

Is an Electric Heat Pump Water Heater Right for Your Home?

Electric heat pump water heaters use advanced technology to do the job with significantly less energy. In most homes they can be installed right where your current water heater sits, making them the best choice for your home. ENERGY STAR now makes it easy to determine whether an electric water heater is the best choice for your home with our new, mobile-friendly, Water Heater Replacement Guide at energystar.gov/waterheaterguide.

The guide examines the following factors:

- **Electric Supply:** Your current water heater is electric, not gas.
- **Access to Air:** You have a location for your new water heater that is greater than 40°F and well ventilated.
- **Head Room:** You have the necessary space (electric heat pump water heaters are taller).
- **Water Drainage:** You have an area for drainage, like a nearby floor drain, or other outlets via a small condensate pump.



Looking for an Installer with Experience with Electric Heat Pump Water Heaters?

Despite their enormous savings and large utility incentives, it can be hard to find installers familiar with electric heat pump water heaters. Luckily, ENERGY STAR has established a searchable list of installers experienced with electric heat pump water heater installation and operation.

Visit energystar.gov/waterheaterfinder to not only find the right model, but also a local installer who can set it up and get it working when you need it!

