



ENERGY STAR® Certified Heat Pump Water Heaters



Save Now with ENERGY STAR Certified Heat Pump Water Heaters!

Your water heater is the second largest energy user in your home, after heating and cooling—using more energy than your refrigerator, clothes washer, dishwasher, and dryer combined. ENERGY STAR certified heat pump water heaters use proven advanced technology to do the job with significantly less energy than standard models, making them the best choice for your home.

Get Convenience, Insight, and Control with ENERGY STAR.

Heat pump water heaters that earn the ENERGY STAR label are independently certified to meet strict energy efficiency criteria set by the U.S. Environmental Protection Agency, saving you energy and money, and protecting the climate. ENERGY STAR certified heat pump water heaters:

- Are up to four times more efficient than conventional water heaters.
- Can save a family of four approximately \$550 in annual energy savings and more than \$5,600 over the product’s lifetime. (See Table 1)
- Come with a minimum 6-year warranty and last a long time.
- Feature user controls for comfort and convenience.

Table 1. ENERGY STAR Certified Heat Pump Water Heater Savings based on Size of Household

Household Size (people)	Annual Savings	Payback (years)	Lifetime Savings
2	\$270	5.5	\$2,050
3	\$410	3.7	\$3,830
4	\$550	2.7	\$5,610

The investment in a super-efficient heat pump water heater, can quickly pay for itself with the savings on your energy bill. What’s more, homeowners can take advantage of the federal tax credit covering 30% of project cost (up to \$2,000). Many utilities also offer big rebates for purchasing ENERGY STAR certified water heaters. Check with your local utility for more details or go to energystar.gov/rebatefinder. Learn more about available tax credits at energystar.gov/taxcredits.

All these incentives, on top of 70% in reduced energy costs, add up to the hottest savings ever with ENERGY STAR certified heat pump water heaters.

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

ENERGY STAR certified heat pump 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 than to generate heat (like a typical electric water heater does via hot electric resistance coils).

Good for You, Good for the Climate

Super Efficient in All Climates: Heat pump water heaters that earn the ENERGY STAR are up to 4 times more efficient than conventional electric water heaters. Heat pump water heaters use a hybrid system that reliably and efficiently produces hot water in both warm and cold climates.

Reliable and Safe: Heat pump water heaters are a proven, reliable technology backed by decades of research and innovation. ENERGY STAR heat pump water heater models are healthier and safer for your home because they use 100% electric technology, compared to combustion water heaters which burn gas, oil, or propane inside the home and can be a potential source of indoor air pollutants. This also makes installation easier because they do not require venting to remove exhaust gases.

Reduced Greenhouse Gas Emissions: By using less energy, ENERGY STAR certified water heaters dramatically reduce greenhouse gas emissions and are among the most environmentally friendly options for water heating.

Convenient User Controls: Many heat pump water heaters include some form of connectivity which means more user control and flexibility. This can include the ability to set your water heater to vacation mode to save energy, to track and monitor energy usage, and to participate in energy-saving utility incentive programs, where available.

Learn more about the benefits of upgrading to a high efficiency heat pump water heater and how it can help you prepare for a clean energy future at www.energystar.gov/hotsavings.

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:

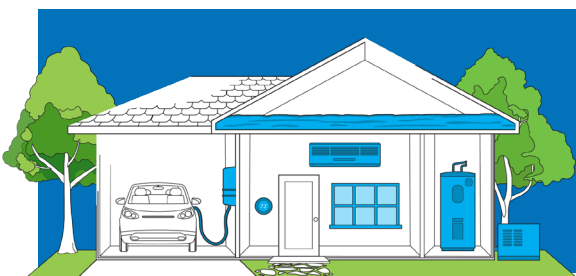
- **Visible corrosion:** look for corrosion around water lines coming in and out of the unit, or on the unit itself.
- **Water leaking:** water leaking from any joint, seals, or seams of your hot water is usually an indicator there is a problem.
- **Rust in your water:** rust in the water is usually 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.

Find an Experienced Installer

Ready to choose the right model and install a new ENERGY STAR certified water heater? Check out the ENERGY STAR Heat Pump Water Heater Installer Finder, which has a list of experienced plumbers and contractors searchable who are ready to help as well as retailers and rebates from your local utility.

Visit www.energystar.gov/productfinder/water-heater-installers.



INTRODUCING ENERGY STAR HOME UPGRADE

Heat pump water heaters are one of six high-impact, energy efficiency improvements for your home that are designed to work together to deliver significant energy and cost savings. Count on ENERGY STAR to help you transition from fossil fuels to a cleaner, healthier, and more comfortable home.

energystar.gov/homeupgrade