

Electric Water Heaters

Clean, convenient water for your entire family.

Not long ago hot water was a luxury not everyone had. Thanks to affordable electricity, hot water is something most people these days will never have to do without.

Heating water is the second biggest use of electricity in the average home. That is why it is so important to choose an electric water heater that is the most efficient. Thanks to new and improved technology, electric water heaters are far more efficient than gas water heaters.

Convenience and Affordability

Since electric water heaters do not use combustion to heat water, they do not produce any harmful gases; therefore they do not need to be vented. Because there is no need to vent an electric water heater, they are not as costly to install. Also, choosing where to install your water heater can prove to be cost effective. They require no minimum clearance so can be placed anywhere including under a remote sink or in a closet. There is no fuel line or exhaust flue and no pilot light to worry about. The best option is to install the electric water heater at a location it will be most used.

Efficient and Economical

Electric water heaters typically use two heating elements to heat water efficiently. The upper element keeps water near the top of the tank at the preferred temperature. The lower element turns on when hot water is being drained out and the tank is refilling. Because of this process, the water heater always receives just the right amount of heat. With both elements being in the water, all of the heat energy goes directly into the water. But with a gas water heater, they use an uninsulated flue that's expected to both heat the tank and vent the heater which wastes heat.

Just the Right Size

There are a variety of sizes of electric water heaters. Be sure to select a model that best meets your home's needs and your family's water use. Residential electric water heaters range in size from 6 to 120 gallon capacity. On average, homes with one to four occupants need 50 gallons of capacity, while homes with five to seven occupants need 80 gallons of capacity. When purchasing a water heater, consider your family's present and future hot water needs and choose a unit large enough to meet those needs. Look for water heaters with the highest energy factor, which measures how quickly it heats the water and how little energy it uses.

Providing our members with the knowledge, training
and resources to make wise energy decisions!



United Electric
Cooperative