



MAKE A SAVINGS SPLASH WITH AN ENERGY STAR® CERTIFIED POOL PUMP.



Pull the Plug on a Big Energy Drain

Your pool pump could be one of your **home’s largest energy users**, costing you up to \$310 in electric bills every year. Pool pumps that have earned the ENERGY STAR are independently certified to save energy, save you money, and help protect the environment.

All ENERGY STAR certified pool pumps now use variable-speed motors to run pool cleaning tasks at the appropriate speed using **60% less energy** than their old single-speed counterparts. If your pool pump is over three years old, it could be using a single-speed motor. Replacing it with a model that has earned the ENERGY STAR label will save you up to \$210 in energy costs each year.

Let’s Get Technical

Conventional pool pumps can deliver only high flow regardless of the task assigned—even though filtration, the number one task of a pool pump, requires half the flow (using 1/8 the power) of pool cleaning.

ENERGY STAR certified pool pumps save energy by using efficient motors, advanced hydraulic designs, and variable or two-speed technology to deliver the appropriate flow for water filtration, fountains, and cleaning. Models that have earned the ENERGY STAR label also run quieter and prolong the life of your pool’s filtering system.

Splashing with Savings






ENERGY STAR certified products deliver savings based on the type and size. An in-ground pool pump that has earned the ENERGY STAR label uses 18% less energy, saving you more than \$300 over its lifetime, and has no additional upfront cost compared to standard models. ENERGY STAR certified models also include small size pool pumps, pressure cleaner boosters, and above ground pool pumps.¹

Dive into Savings with Utility Rebates

Many utilities offer incentives for purchasing an ENERGY STAR certified pool pump. Table 1 shows several examples from across the country.

Check with your local utility for more details or go to www.energystar.gov/rebatefinder.

Table 1: ENERGY STAR Certified Pool Pump Rebates

State	Utility	Incentive
CA	 TD WATER & POWER <small>Serving Central California since 1887</small>	\$200
HI	 Hawaii Energy <small>YOUR CONSERVATION & EFFICIENCY PROGRAM</small>	\$150
IN, KY, NC, SC	 DUKE ENERGY	\$300
OK	 PUBLIC SERVICE COMPANY OF OKLAHOMA	\$400
NH	 EVERSOURCE	\$350



Is it Time to Take the Plunge?

The most obvious sign that you need a pool pump is when the motor is completely dead. However, there are other warning signs that could mean it's time to call a pool services contractor, such as when your existing pool pump:

- Is seven to ten years old
- Does not seem to be as powerful
- Continuously makes noise
- Gets hot and shuts off
- Hums or buzzes but will not start
- Starts slowly



Choosing the Right Pool Services Contractor

When looking for a pool services contractor, you should confirm your contractor is insured and has the appropriate qualifications for installing a new pool pump, such as:

- Affiliated with pool builders or retailers of pool supplies
- Certified as an Aquatic Energy Auditor by the Foundation for Pool and Spa Industry Education
- Certified by a pool pump manufacturer
- Licensed to perform pool services in your state

Your contractor should include the following steps as part of the set-up process to ensure your ENERGY STAR pool pump is properly installed to maximize energy savings.

- Inspecting the pool area and identifying possible hazards, then ensuring the area is ready for maintenance and pool pump replacement.
- Calculating the volume of the swimming pool to determine the total amount of flow required to adequately circulate.
- Determining the wattage use of the existing pool pump and amount of usage on a daily basis to estimate total annual energy use of the pump.
- Estimating expected usage of new pump to calculate expected energy use and savings.
- Calibrating the flow of the new pool pump to obtain adequate circulation at the lowest possible motor speed. The minimum speed required is one that would lead to a 12-hour turnover (per ANSI/NSPI-5 2003).
 - Turnover is the period of time required to circulate a volume of water equal to the pool's volume.

¹ Each year, over one million seasonal temporary above-ground pools are purchased that can cost only a few hundred dollars and include a small pool pump. The ENERGY STAR pool pump specification does not cover these types of pool pumps--known as integral pumps because the filter (sand or cartridge) is integrated within the pump housing.

If every pool pump sold in the U.S. were ENERGY STAR certified, families could save nearly \$240 million each year in energy costs and prevent greenhouse gas emissions equal to more than 400,000 cars.

