

10 Ways to Reduce Pool Energy Costs with Sustainable Pool Technology™

1. High Efficiency Pool Heaters

High efficiency gas heating systems that are 89% – 97% efficient are now available. Heater efficiency is the ratio of usable output to energy input. Efficiency has doubled in recent years with innovations in hydraulics, heat exchanger technology, forced draft combustion systems, and pilot-less ignitions.

2. High Efficiency Pumps

Replace older pumps/motors with new properly sized energy-efficient pumps and motors to significantly lower electrical consumption of pool operating costs. Put pumps on timers so they can be turned off during off peak hours once the pool water has been completely recycled.

3. Choosing the Right Pump

Consider a high efficiency, two speed pump at the correct horsepower rating. Run on low except for vacuuming and backwashing since the low speed is much quieter and consumes less electricity.

4. In Floor Cleaning Systems

Reduce common surface collection of chemicals on the pool bottom with an in-floor cleaning system by Cyclean --- a circulating nozzle system that claims a 99% clean pool. Multiple nozzles on the pool floor and steps both clean the pool and maintain a consistent distribution of chemicals while circulating heated water. The in-floor cleaner re-circulates water from the bottom of the pool to reduce heating cost by 45%, cleaning by 45% and chemical usage by 45%.

5. High Flow Return System

Don't want to invest in an in-floor cleaning system? Cipriano Landscape Design introduces a high-flow return system to significantly increase energy efficiency.

6. Pool Covers

Auto covers reduce heating costs. Evaporation is the largest source of energy loss for swimming pools. See a savings of 50-70%.

7. Wind Breaks

Add wind breaks. A 7 mile per hour wind across the surface of a pool can increase heating costs by 300%. Trees, shrubs and fences often reduce crosswinds and improve heating efficiency.

8. Reduce Heat

Save 20% on heating bills by reducing pool temperature by 6 degrees. Instead of heating your pool to 84 degrees try 78 degrees.

9. Less Chemicals

Salt water chlorinator reduces chemical costs by up to 25% and is a natural alternative to harsh pool chemicals. Use natural alternatives instead of chemicals to clean water and to remove damaging chlorine from air and groundwater.

10. High Efficiency Lamps

Replace inefficient incandescent lamps with high efficiency compact fluorescents that consume 1/2 to 1/3 the amount of electricity and last 10 times longer. Replace standard fluorescent ballasts and lamps with high efficiency bulbs to reduce electric consumption by 30%.