



## 10 Hot Tub Energy Saving Tips



Running your spa does not need to be a huge financial drain on your wallet. Follow these common sense tips to conserve heat in your hot tub and save on your energy bill.

### 1. Get a Quality Spa Cover

In our homes, up to 85% of heat loss is through the roof. The same principle applies to your spa. Many modern spas have well-insulated sides, but having a quality 'roof' helps a lot.

If your [spa cover](#) is in bad shape, heat leaks will occur at the hinge-fold and also on the spa rim, so make sure the cover tie straps are snug and latched when the spa is not in use. This will reduce heat leakage.

More importantly, if your old cover has become very heavy, this indicates water-logging of the foam-core insulation. A waterlogged cover will have almost ZERO insulation value.

***TL;DR***

***Crappy spa covers leak heat like crazy. Spend the cash on a good one.***

## **2. Set up a Wind Block**

Seems like a no-brainer, but creating a windbreak around your spa not only gives you more privacy, it helps reduce heat loss. Shrubs, privacy panels, or fencing, as well as spa enclosures can all be effective windbreaks.

***TL;DR***

***Block the wind to stay warmer.***

## **3. Lower the Thermostat**

Modern spas come from the factory with a high temperature limit set at 104<sup>o</sup>F. By setting your temperature at 102<sup>o</sup>F (or even a bit lower) you can reduce overall energy consumption while still enjoying a nice toasty spa experience.

***TL;DR***

***Lower the thermostat a few degrees. Your spa will still be toasty and you'll save money.***

## **4. Vacation Mode**

Turn down the thermostat when you are on vacation, or for any period of extended spa non-use. If you will be gone for a week or more during warmer months, you can set your thermostat to its lowest level or turn off the heater. In freezing weather, you need some heat to keep the water from freezing and damaging the pipes and plumbing.

***TL;DR***

***Turn off your spa if you're gone for more than a week, but do NOT let it freeze.***

## **5. Off-Peak Heating**

Put your spa on a timer and schedule as much heating as you can during off-peak hours (typically after 11pm and before 7am). Check with your power company for hours and details.

If you have a well-insulated spa with a good cover, it will maintain its heat for several hours after the heater is turned off.

***TL;DR***

***Heat your spa overnight, when electricity is cheap.***

## 6. Air Jets, Lights and Blowers

[Air induction jets](#) are great to sooth sore and tired muscles, but you don't need them on all of the time, as they lower the water temperature by inducing the water with air. This heat will have to be replaced by the spa heater.

The energy impact is minimal during actual tubbing sessions, but make sure to shut-off air and water lights when the spa is not in use.

***TL;DR***

***Use less goodies; save more energy.***

## 7. Monitor Energy Consumption

Invest in a power consumption monitor. A quality power monitor provides accurate, real-time electrical consumption information that helps you make simple changes to your energy usage patterns. This can save you a BUNDLE identifying electric waste and/or shifting use to off-peak rates, both on your spa AND other appliances around the home.

***TL;DR***

***Measure your appliances power usage and adjust accordingly.***

## 8. Change Filters Regularly

Clogged or worn-out [spa filters](#) will reduce the circulation of your spa water, causing your [pump motor](#) to work overtime, and your [heater element](#) to perform less efficiently – wasting electricity and money.

Clean your filters with every water change (every 3 to 4 months) and replace your filter annually to maintain your spa's peak performance. The result is both energy savings and cleaner water.

***TL;DR***

***Clean and/or replace your filter every 3-4 months.***

## **9. Get a Floating Thermal Blanket**

A [floating thermal blanket](#) reduces heat loss by insulating and reducing evaporation. It also helps keep your spa cover in top shape by reducing the amount of condensation on the inside of your (no water-logged spa cover). A floating thermal blanket is a small investment with a high return.

***TL;DR***

***Thermal blanket for the heat saving win!***

## **10. Conserve Water**

Repair any leaks and adjust your jets so that you're not sending streams of hot water on to your deck. Only heat the water you are actually using in your spa. Less water usage = less energy wasted.

***TL;DR***

***Wasting water also wastes energy. Don't do it.***

## **About CNY Hot Tubs**

[CNY Hot Tubs](#) is a family owned and managed small business located in Lansing, NY. We have been serving the Central New York area since 1997 and have been making our customers happy via our online store since 1999.

We stock a huge selection of hot tub parts, supplies and chemicals for all makes and models - and specialize in [Emerald Spas](#), [Softub](#) and [Saratoga Spas](#). We are hot tub enthusiasts ourselves, realize how important your hot tub is to you, and want to make sure you are using the right products for your spa!