

# Hot Tub Energy Saving Tips

by [CNY Hot Tubs](#)

Follow these common sense tips to conserve heat in your hot tub and save on your energy bill:

## A Quality Spa Cover is Crucial

In our homes, although walls are also insulated, 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 no insulation value.

So invest in a quality spa cover and keep it in good shape to save energy!

## Block the Wind

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.

## Lower the Thermostat

This one is certainly common sense. Modern spas come from the factory with a high temperature limit set at 104° F. By setting your temperature at 102°F (or even a bit lower) you can reduce overall energy consumption while still enjoying a nice toasty spa experience.

## 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.

## 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.

### **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.

### **Monitoring Energy Consumption for Savings**

Which appliances, lights, fixtures, or habits are making the electricity bill rise? How much is the spa using? The only way to tell BEFORE getting the electric bill is to 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.

### **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.

### **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.

### **Conserve Water**

Again, no brainer stuff here folks. Avoid wasting water. Repair any leaks and adjust 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 😊

Of course, if you would like more energy saving tips, or need [hot tub accessories](#) or [spa chemicals](#), just give us a shout. We are here to help!