



Hot Spring Spa of Washington Water Care Guidelines for Chlorine Systems

Start-up and Refill Procedures

- ❖ Fill the spa with water through the filter compartment by removing the gray filter cap and inserting hose.
- ❖ Test pH level of the spa water. (See below.)
- ❖ Balance the pH to the recommended level between 7.2 – 7.6
 - If pH is too low, add pH Up
 - If pH is too high, add pH Down

With Each Use – Test Chlorine and pH Levels

- ❖ Dip one strip into the water and twirl it around three times. Compare the strip to the chart on the back of the bottle. ***Only the Chlorine and pH need to be tested.*** Use the same strip for both tests; do not double dip. If the test is lower than ideal don't use your hot tub until you balance the Chlorine and pH to an "ideal" level. (See Important Notes below on how to add your chemicals.)
- ❖ ***Add ½ teaspoon of chlorine per 250 gallons of water.*** This is a general guideline and varies with the number of people using the spa and the length of time spent in the spa. The optimum level is 3-5 PPM. If the test is consistently low, then you will need to add slightly more each time. If it is consistently high, you will add a little less.
 - ***The Chlorine needs to be tested each time you use your spa*** to establish how much Chlorine it takes for your family. The Chlorine level must be at least 1 PPM for the water to be safe for use.
- ❖ The ideal level for pH is 7.2-7.6. Add pH Increaser or Decreaser accordingly.
 - ***The pH needs to be tested each time you use your spa.*** If the pH is not balanced each time you use your spa the Chlorine may be less effective which could cause the water to be irritating to spa users.
 - In addition, if the pH is too low, the spa's equipment may corrode or if the pH is too high, scale can form on the spa shell surface, the water may become cloudy and/or the filter cartridge pores may become obstructed.

ONCE A MONTH – THIS MUST BE DONE FOR PREVENTATIVE MAINTENANCE OF YOUR SPA!!!!

- ❖ Clean your filters by rinsing with a hard spray of water between each fold. Filter Cleaner & Degreaser can be used as a spray or soaking agent to further clean your filters. **Tri-x filters can be cleaned in the dish washer – DO NOT USE HEAT OR SOAP.

Shock Your Spa Water

- ❖ ***There are five occasions when we "shock" the water.*** "Shock" is just a term we use that means to add a large dose of Chlorine; in this case, 3 times the daily dose. If it takes one teaspoon per use to keep the level at 3-5 PPM, then "shocking" the spa will take 3 teaspoons. Here are the 5 occasions for shocking the spa:
 1. When you first fill up your spa
 2. Once per week
 3. If the water is cloudy or has an odor
 4. If you get a zero reading when you test it
 5. After heavy use. If more people use the spa then usual
- ❖ After adding the Chlorine to the spa water for the "shock", open the cover and run the jets for 10-20 minutes.

Other Chemicals

- ❖ Water Clarifier- add an ounce if the Chlorine and pH test good but the water is cloudy
- ❖ Stain and Scale Control- add one ounce once per month
- ❖ Antifoam- The water sometimes gets a foam buildup on the surface. It is a soap residue from bathing suits and shampoo. The antifoam puts a thin film across the surface to hold the foam down. Add a few drops to the water with the jets running until the foam goes away.

****IMPORTANT NOTES:**

- ❖ All chemicals must be added directly into the filter compartment with the jet pump on high speed for at least 10 minutes

These are simple guidelines for the use of your chemicals. If you have further questions, or experience problems, please consult your owner's manual or visit one of our stores.