



Hot Tub Maintenance: Spa Water

Your outdoor spa is probably one of the main places you go to escape stress and relax your body and mind. The last thing you want from your hot tub is a tedious spa water care ritual. We care about making your life easier with low maintenance hot tubs and simple water purification systems. In fact, hot tub maintenance is not nearly as hard as you may think. Ten minutes a week is all it takes to maintain your hot tub water.

Proper care for your spa will prolong its life and keep costs at a minimum.

Keep Dirt and Debris Out

Hot tub filters are a crucial and an important part of the hot tub maintenance ritual, ensuring that your spa water is kept free of dirt and debris. In most filtration systems water is drawn in to the center of the spa filter capturing particles and debris while pushing water back out through the filter.

Clean, Clear and Sanitized Spa Water

To ensure clean, clear water, there are basic chemicals, such as chlorine, bromine, biguanide or mineral based purifiers, which you will need to add to the water to kill standing bacteria and other germs. Chlorine is one of the most common and widely known water sanitizers. When the water care basics are followed spa water chemistry can be maintained in just a few minutes a week. Ask us for help in determining the proper formula for your hot tub. The right configuration will be based on the size, make and model of your hot tub as well as how often you use it.

Balance: pH & Alkalinity

Most spa manufacturers, chemical manufacturers, and experts recommend maintaining a pH level of 7.2 to 7.6 in order to properly balance water chemistry. pH levels about 7.6 will promote calcium build up on your shell and may prevent your sanitizer from doing its job. The key to keeping your pH balanced is measuring and adjusting the Alkalinity as well. Alkalinity levels quite simply act as a pH buffer. As Alkalinity rises, pH also tends to run high. Similarly, low Alkalinity tends to allow low pH levels.

Note: Please do not assume the water from your tap is pH balanced. Tap water varies from location to location, so it is best to test your tap water. High pH will lower the life of your spa and all its components, which is why it is essential to keep your pH balanced at all times.

Prevent Unwanted Residue Minimize Odor

Many hot tubs come with the option of ozonators for enhanced hot tub water maintenance. Ozonators offer two benefits to the spa user:

- Reduced use of chemicals
- Clean, clear water with less spa water maintenance

Ozone has been used in water treatment since the late 18th century. Ozone (O₃) occurs naturally in small amounts in the Earth's stratosphere, where it absorbs ultraviolet radiation. It is used to sterilize drinking water and to remove objectionable odors and flavors. Because ozone acts as a powerful oxidant, it serves as a water purifier. This means that using ozone to clean your hot tub's water significantly reduces the amount of chemicals required to kill standing bacteria and impurities. By installing an ozone hot tub treatment system, you will save money and time related to water maintenance.

Spa water care doesn't require a lot of skill, but you do have to know what to do and when to do it. Proper spa maintenance will ensure that your hot tub remains in good condition and continues to be a source of relaxation and family fun for years to come.