

ISIS Salt System Spa - Set-Up Instructions

Note: Tru Blu! is 98% Pure Sodium Bromide (a salt). The ISIS System will convert this salt to Bromine. Bromine is the sanitizer for your spa, while Bromide is simply a salt.

1. Attach charcoal filter to hose and fill spa.
2. Turn your spa On (both GFCI & Breaker are On). Wait until water temperature reaches 80°F minimum.
3. Make sure ISIS unit is turned OFF or set to '0'.
4. Check water chemistry with 4-way testers and Phosphate testers.
5. Adjust Alkalinity. The ideal range for Alk is 80-120 ppm. If it is too high, use Spa Down, 1 capful at a time. Make sure to dissolve the granular chemicals before adding them to the spa. Turn jets on and add Spa Down. Let jets run for 30 min. Check Alk after 3-4 hours, using test strips and repeat process if necessary. If the Alk is too low, use Alkalinity Increaser at a rate of 1-2 capfuls at a time (1 capful should raise Alk approx 10 ppm).
6. Adjust pH. The ideal range for pH is 7.2-7.6. If it is too high, use Spa Down at a rate of 1 capful at a time (1 capful should lower pH approx 0.1-0.3). Make sure to dissolve chemical before adding to spa. Turn jets on and add Spa Down. Let jets run for 30 min. Check pH after 3-4 hours and repeat process if necessary. If pH is too low, use Spa Up. *Spa Up and Spa Down will affect both the pH and Alk. You may need to compensate for this when adjusting.
7. Test Calcium level. The ideal range is 100-150 ppm. If the Calcium level is lower than 50 ppm or exceeds 250 ppm, contact Premiere Hot Tubs.
8. Add Tru Blu! at the rate of 2 lbs. or 1 bottle, per 150-175 gal of water, with jets running. Wait 15 minutes to give the Tru Blu! a chance to dissolve thoroughly before testing salt level with the Tru Blu! test strips. Use the Tru Blu! test strips to ensure the spa has the appropriate level of Sodium Bromide (salt). The ideal reading for Sodium Bromide (salt) is 1300-1500 ppm for spas with a 24-hr circulation pump (Clearwater Spas), and 1700-1900 ppm for spas equipped with a custom filter cycle circulation pump (Bullfrog Series I Spas).
9. Next add 2 capfuls of Renew to the spa while jets are running, making sure to dissolve before adding to water. Renew is an oxidizer and will immediately convert the Tru Blu! salt to Bromine. After adding Renew you will see a Bromine reading, giving the ISIS system time to start producing Bromine and build a reserve Bromine bank.
10. Set the ISIS unit to '7' for Clearwater Spas, and '9' for Bullfrog Spas. After 3 days, test your water chemistry using the 4-way Test Strips. You should have significant Bromine reading (above 3 ppm). This will indicate a properly functioning ISIS unit as the Bromine produced when you added Renew will have largely dissipated after 3 days. Also, adjust pH if needed. All Salt Systems tend to increase pH over time, so you can expect to add Spa Down periodically.
11. If you do have a significant Bromine reading as noted in step 10, turn the ISIS system down to a setting of 3-5 for Clearwater Spas, and 5-7 for Bullfrog Spas. The desired level of Bromine in a Salt System Spa is 2-3 ppm. An ISIS setting in these ranges will generally be sufficient to maintain Bromine in the range of 2-3ppm.
12. Check water chemistry weekly to ensure all levels are within range. Minor adjustments to pH may be needed on a regular basis. However you should only have to test your salt level (Tru Blu!) annually; each time you drain and refill.
13. Check periodically for Phosphates using the testers included with the Start-up chemicals. If the Phosphate level exceeds 200 ppb, a Phosphate remover may be needed. It is recommended that you take a shower before using your hot tub to prevent any Phosphates from being introduced into the water.
14. To prolong the life of the filter, remove it and spray it off with a firm spray once a week for heavy use, and every 2 - 3 weeks for light use. For a more complete clean, you can also use a Filter Cleaner. Make sure filter is completely rinsed out before reinserting it in the filter chamber. **ALWAYS turn off spa when removing the filter!**

Note: Bullfrog spas should be programmed to be in Circulation/Filtration Mode 10-12 hours per day (10 hours in 7' & smaller spas, 12 hours for 8' spas. (See your Bullfrog Spas manual for programming instructions.) Clearwater Spas operate in Circulation Mode 24 hours per day so no programming adjustment is needed.