

## Spa Setup Instructions- ISIS Salt System

1. Attach charcoal filter to hose and fill spa.
2. Flip breaker on and wait until water temperature reaches 80°F.
3. Make sure Isis unit is turned OFF or set to '0' (there will be no display on unit).
4. Pour 2 oz bottle of Magic Magenta & 2 oz bottle of Phos-X in spa and run for 24 hrs.
5. After 24 hrs, remove filters and rinse thoroughly before reinserting.
6. Check water chemistry with 4-way testers and Phosphate testers.
7. Adjust Alkalinity. The ideal range for Alk is 80 – 120ppm. 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 2 - 3 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 10ppm).
8. Adjust pH. The ideal range for pH is 7.2 - 7.4. 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 2-3 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 so you may need to compensate for this when adjusting pH and/or Alk.
9. Test Calcium level. The ideal range for Cal is < 250ppm.
10. Next add 2 capfuls of Renew to the spa while jets are running, make sure to dissolve before adding to water. Renew will act as a catalyst for the salt once it has been added to the spa. After adding the Tru Blu (Sodium Bromide or salt) you will see a Bromine reading, giving the Isis system time to build a reserve bank and start producing Bromine. Renew will only stay in the water for approximately 24 hrs. Renew also works as a shock treatment used to boost Bromine after frequent use or high bather loads. You may also use the 'Boost' button on the ISIS to shock your spa.
11. Gradually add 1 bottle of Tru Blu per 150 - 175 gal of water, with jets running. The ideal reading for Sodium Bromide (salt) is 1300ppm in Clearwater Spas with a 24-hr circulation pump, and 1300 - 1500ppm in Bullfrog Spas programmed to circulate 8 - 10 hours daily. Wait 15 minutes to give the Tru Blu a chance to dissolve before testing salt level with the Tru Blu test strips.
12. Use the Tru Blu test strips to ensure the spa has the appropriate level of Sodium Bromide (salt).  
**Make sure the salt level DOES NOT exceed 1500 ppm.**
13. Set the Isis unit to '5' for Clearwater Spas, and '7' for Bullfrog Spas. A Bromine reading on the Leisure Time test strips should appear within 1 - 2 days.
14. Once the Leisure Time 4-way test strips begin to show a slight level of Bromine, turn the Isis system down to a setting of 1 - 3 for Clearwater Spas, and 4 - 6ppm for Bullfrog Spas. The desired level of Bromine (sanitizer) in Salt System is 1 - 2ppm for Clearwater Spas, and 2 - 3ppm for Bullfrog Spas.
15. Check water chemistry weekly to ensure all levels are within range. Minor adjustments to Alk and pH may be needed on a regular basis. The Sodium Bromide (salt) level should also be checked any time you add water to the spa.
16. To prolong the life of the filter, rinse once a week for heavy use, and every 2 - 3 weeks for light use. Once a month, you can dilute bleach with water (1:4) and soak filter overnight. Make sure filter is completely rinsed out before reinserting it in the filter chamber. **ALWAYS turn off spa when removing the filter!**