

# MANUAL Genesis Blu Fusion Salt System

Clearwater Spas

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## MANUAL - Genesis Blu Fusion Salt System



### CONTROLLER KEYPAD

#### LEGEND FOR CONTROLLER

<b>tdS</b>	"tdS" <b>total dissolved solids</b> too high.
<b>OE</b>	"OE" <b>open element</b> - detect an inadequate connection.
<b>SE</b>	"SE" <b>shortened element</b> detects excessive current.
<b>bSt</b>	"bSt" <b>boost</b> key allows you to boost the bromine.

### For spas with a circulation pump:

- The control of the Blu Fusion Top Side is identical to the Blu Fusion 1 controller. The user interface is as follows:
- To activate the topside control, any of the push button keys must be held down for the entire Key Lockout deactivation sequence which takes several seconds.
- If the Key Lockout has been activated and any push button key is pressed, the three digit Seven Segment Display will display "Loc".
- After one second, the three digit Seven Segment Display will display a "3" in the center digit.
- The push button key must be held down until the three digit Seven Segment Display decreases to "1" and the power setting is displayed, then bromine output or boost can be adjusted.
- The displayed count will be displayed as quickly as in 0.75 second intervals. If the depressed push button key is not released within five seconds after the power setting is displayed, the Key Lockout will be reactivated preventing an accidental increase or decrease in bromine production ( this is a precautionary – safety feature of the Blu Fusion TS System).
- After the power setting is displayed, the push button keys are activated and power setting is enabled (normal error code display is also resumed). If any key remains depressed for five seconds during the deactivated Key Lockout period, the Key Lockout will reactivate and disable control features.
- The Key Lockout will reactivate in 20 seconds after the last operational release of a push button key. The three digit Seven Segment Display will display "Loc" for 0.5 seconds when Key Lockout is reactivated.
- Upon reactivation of the Key Lockout, the Topside Control Seven Segment Display will display the power setting along with any active error codes or power setting LED displays. If the Electrode Current display feature is enabled, the Key Lockout will not reactivate.



# Salt Filtration

purify water without all the maintenance

Clearwater Spas

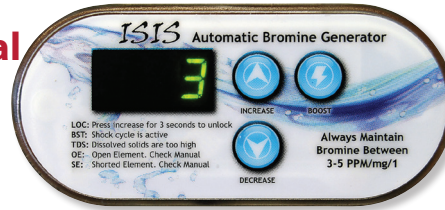
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## Blu Fusion Instruction Manual

FOR SPAS WITH A CIRCULATION PUMP

### Easy Start Up Directions

**NOTE: Anytime you add a chemical, turn the jets on to help dissolve it appropriately.**



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- Upon reactivation of the Key Lockout, the Topside Control Seven Segment Display will display the power setting along with any active error codes or power setting LED displays. If the Electrode Current display feature is enabled, the Key Lockout will not reactivate.

It may take a few hours up to a day to reach the desired level of Bromine (sanitizer). The correct level of Bromine with the Genesis System should be between 0-1 on the generic bromine test strip. The strips that test for the active bromine (sanitizer) level are designed for generic bromine systems. Specifically for Genesis, if the bromine level reads 2 or more (which reads ok on the test strip) then there is actually too much pure bromine in your spa. For the Genesis system that produces a more "pure" sanitizer (without any "fillers" or extra chemicals), the "OK" range for the bromine will read between 0-1 (light green) on a common bromine test strip.

Between 0-1 on the test strip is where you want your Bromine (sanitizer) level to remain. For continued water care, adjust the Genesis control dial as needed to remain in the "true" ok range (0-1) and "balance" your water regularly. Continue to test the water at least once weekly to monitor the water quality. If you do not use your spa for an extended period of time, set the Genesis control dial back down to a setting of #3 or #2 (depending on the size of your spa) to have the spa continue sanitizing when you are not home. For higher spa usage, occasional shocking may be required. Any time shock is used, the lid must remain open and people should wait to use the spa for 1 hour.

**\*A:** Periodically (every few months) check the Sodium Bromide (sanitizer) level by using the Genesis (or equivalent) test strip. The reading on the test should be 1200-1800 parts per million. If the salt level is too high, in the window of the Genesis control panel will flash and the system will not operate properly. If the salt level is too low it will not be able to produce bromine properly. Keeping the sodium bromide in the correct level will ensure the Genesis system has the proper level to operate at its optimum efficiency.

**Suggestions:** You may wish to use a high quality natural enzyme clarifier (SeaKlear or GLB is recommended) or a similar product to help keep the filters clean and assist in controlling water line build up. If you have a pump that filters twice a day, or have any further questions, please contact your salesperson for further instructions.

