

BROMINE

Fresh Fill Procedures:

Fill the hot tub to the desired water level. Set the temperature to the desired setting. Once the set temperature is reached, turn pump a on, either low or high speed will be fine, ensure that the air selectors are turned off (no air) and add the following:

1. Add **60 mls** of **Spa Clarifier**
2. Add **30 mls** of **Spa Stain Control**
3. Add **30 g** of **Spa Sani Brom.**
4. Add **125 g** of **Spa Active #2** or **1 packet of Spa S.W.A.T.** and leave cover open for **20** minutes.
5. Add **4 to 6** Bromine tablets into the bromine dispenser and set the scale to **5**, if using a floater. If using the Jacuzzi Filter Dispenser place **2** tablets into the dispenser and ensure that it is opened showing **4** rows of circles. Be sure to check the dispenser regularly and add tablets as required. .
6. 24 hours after adding chemicals test your spa water. Check to make sure your Ph, Alkalinity, Calcium Hardness and Bromine levels are within the acceptable range. If readings are outside of acceptable limits then adjust as required or call the store for assistance.
7. **Spa Alkalinity Minus** is used to decrease both Ph and Alkalinity levels. **Spa Minus** is used to decrease PH only. Appropriate guidance can be found on the label for each of the products. Please feel free to ask the staff at anytime if you are unsure as to the quantities.
8. **Spa Plus** is used to increase Ph. • **Spa Alkalinity** is used to increase Alkalinity. • **Spa Calcium** is used to increase Calcium.
9. Test your water regularly (**2-3** times per week) using test strips. Please feel free to bring a water sample to the store as often as you wish.

| Ph Level | Alkalinity Level | Calcium Hardness Level | Bromine Level |
|-----------------------|-------------------------|-------------------------------|----------------------|
| min = 7.2 - max = 7.8 | Min = 100 - max = 150 | min = 150 - max = 250 | Bromine 3-5 ppm |

Every Time Everyone Exits the Spa:

Add **1/4** capful of **Spa Active #2** per person, per use. If **Spa S.W.A.T.** is the product of choice then add one pouch per week or after heavy Spa use. Wait **20** minutes before re-entering the water after adding either the Spa Active #2 or Spa S.W.A.T.

Weekly Maintenance Procedures:

1. Prior to adding any chemical ensure to test your water.
2. If your bromine is already within the recommended range then do not add any additional sanitizer. (Sani-Brom or Active #2)
3. Add **1/2** capful of **Spa Active #2**. If **Spa S.W.A.T.** is the product of choice then add one pouch.
4. Add **1/2** capful of **Spa Sani Brom**.
5. Add **30 mls** of **Spa Stain Control**
6. Add **30 mls** of **Spa Clarifier**.

Filters:

1. To maintain the effectiveness of spa filters you should rinse the debris bag and filters once per week
2. Monthly, filters must be removed, thoroughly rinsed and then soaked for several hours with **Spa Contact**. After soaking, rinse filters' thoroughly ensuring none of the filter cleaner gets into your hot tub water. It is suggested you consider having two sets of filters and rotate them monthly as this will enhance the life of the filters.

Changing Your Spa Water:

1. Periodically tub water will require changing depending on the use of the spa. Bringing a sample of your spa water into the store on a regular basis, this will allow the staff at Georgian Hot Tubs to provide guidance and advise you on when your tub water requires changing.
2. Please refer to the owner's manual for the method required to drain your specific spa.

Once the tub is completely drained:

1. Clean tub surface, the most cost effective method is a solution of 50% vinegar & 50% hot water. A soft sponge or non-abrasive pad is ideal for wiping the inside of the spa. It is also a consideration to yearly apply a conditioner on the surface of the spa in order to ensure that its "new" luster is maintained throughout its life
2. After rinsing, close the drain and fill the spa to desired level using a mix of 50% non-softened water and 50% softened water.

Defoamer. If spa water becomes foamy;

1. Pure white foam is likely residual laundry soap from bathing attire. Add **Spa Anti-Foam** very gradually, a tablespoon at a time and allow the water to circulate for several minutes prior to the next application.
2. Discoloured foam is likely bacteria, discontinue using the hot tub and shock the water using **Spa S.W.A.T. or Spa Active #2**. It is also suggested that you bring a water sample to Georgian Hot Tubs for testing.