

Directions for Spa Solution and Purge Use

New Spa Directions..

1. Flush your existing garden hose with 1/2 tsp of chlorine granules (99% sodium dichlor), this is done by shutting off nozzle end of hose and let sit for 5-minutes, then flush. Water mold, bacteria, etc. may have collected in the hose and would contaminate the spa water.
2. Filling your spa with a garden hose Pre-Filter is recommended.
3. Add 15 grams Spa Chlorine Granules (99% sodium dichlor) or 30 grams of Spa Bromine Granules to water for spas up to 500 gallons.
4. After temperature reaches 90 degrees or above, add 1-bottle of Spa Solution®. (1/2-bottle for spas up to 250 gallons & 1-full bottle for spas up to 500 gallons)
5. Run all pumps on high with all jets open for 5-minutes & enjoy.
6. Add one bottle of Spa Solution® every 3-months. Draining & refilling spa every 3-6 months is suggested.

Note.. * New spas are water tested at the factory and some still have this old water left in the lines. 'Shocking' the water with recommended amount of Spa Chlorine Granules (99% sodium dichlor) after the first day is recommended to resolve this issue.

For Older Spas

This is a two-step process. You need to remove all excess build-up of contaminants in your spa's system by using 'Purge', before using Spa Solution. You only need to use the Purge spa cleanser once a year. We suggest you do not use the spa during the Purge process.

This is a good time to inspect your cover for any tears, which would allow contaminated water to drip back into your spa water. If your cover has any rips or tears we recommend you replace it.

1. Remove your cartridge filter. During the cleanser process keep your filter out of the spa. We also recommend you clean or replace your filter at this time.
2. Into the existing water, pour in one 480ml (16 oz.) bottle of Purge. If the spa is five years old or more, use two bottles. You may use Purge in your existing water, regardless of how old the water is or what chemicals have been used in the past.
3. Let the spa, with water at least 32 degrees C (90F), circulate for a minimum of 8 hours per day for five days.
4. After five days, turn off the electrical power to the spa, drain the water, and flush the spa with fresh water. Put a hose in the filter area and fill the tub up to the foot-well area, then drain and clean the well. This will aid in completely flushing contaminants from your spa.
5. Clean and rinse both sides of the cover and head rests. You can use some Spa Solution mixed with warm water, or household bleach with warm water.

If the cover has any breaks or tears, we recommend it be replaced. Flush the inside of the cover with your garden hose. The inside of covers have been known to harbor molds, mildews and bacteria all of which drip from condensation through the cover back into the spa water.

6. Put clean or new filter(s) back in, and refill your spa using a garden hose Pre-Filter. Turn power on.

7. Add recommended amount of Spa Chlorine Granules (99% sodium dichlor).
8. After temperature reaches 90 degrees or above, add Spa Solution (1-full bottle for spas up to 500 gallons). You don't need to check your pH on a regular basis because Spa Solution will maintain pH at normal levels automatically.
9. Run pumps on high with all jets open for 5-minutes & enjoy.
10. Add recommended amount of Spa Solution every 3-months. Draining & refilling your spa every 3-6 months is recommended.
11. Clean your filter regularly. It should be rinsed with hot water, soaked in our Purge cleanser (three capfuls in a bucket of warm water) and then rinsed with water, or cleaned using products designed to do so available at your local spa dealership.

Additional Tips For using Spa Solution :

1. We recommend selective use of fragrances with this product because not all are compatible. Try a small amount at a time to test for compatibility.
2. Spa Solution is a positively charged ion. Your tubs' surface has a negative charge. Once in a 90-day period, they will bond, and you will notice a slight film develop on the surface of your tub. All that you need to do is wipe the inside of your tub with a clean cloth or sponge to break this bond. The great result of this bonding is that it also creates a natural lubricant within your spa, coating your heating element, pump, seals, and your plumbing, allowing your tub's mechanics to work longer and better.
3. For the first day or two, and very occasionally thereafter, you may experience an organic earthy odour. This simply means Spa Solution has found contaminants and is working harder. In the case of an occasional organic smell, this may suggest your filter requires more frequent cleaning. Make sure the pH is between 8.0 and 8.4. Check to make sure the underside and inside of the cover has been cleaned.
4. Spa Solution is compatible with ozonators, chlorine and bromine. We recommend that your local government guidelines regarding appropriate sanitizer levels be followed.
5. Cloudy water may be caused by frequent use by a large number of bathers, or lotions, oils, deodorants, sunscreens or other products used on the skin or soap residues in bathing suits.

To clear up cloudy water:

- * Make sure spa users and bathing suits are as clean as possible.
 - * Make sure the filter has been rinsed with hot water.
 - * Make sure the filtration system runs at least 8 hours a day.
 - * Try adding an oxidizer (non chlorine shock) after use
 - * OR Water clarifier (available at your spa product retailer) can be used to speed up recovery time.
 - * Be patient. The spa water will clear up and does not have to be drained if the water is cloudy; Spa Solution just needs some time to do its job.
6. If your spa water has a high mineral content, it may be necessary to use a product to aid in the removal of the

mineral. A high iron content, for example, may tend to leave a brownish ring around the spa. A high Calcium content will leave flakes or a precipitate on the side walls below the water line. Most spa dealers will stock this item.

Alternately, you can fill the spa with softened water which already has the mineral content removed by the softener, then add the recommended amount of calcium hardness.

7. A low pH is very unusual and indicates that an acidic substance has entered the water. Spa Solution will restore the pH to the range in which it works best, 8.0 to 8.4. To aid in the recovery of this normal range, a pH up product can be used.
8. Use a Garden Hose Pre-Filter. This makes initial chemical balancing easier & future issues are greatly reduced. Greatly increases (OFL) optimum filter life of your main filter(s).
9. Deep clean your filters every 1-2 months using Purge. Rinse filter(s) weekly or as needed.
10. Ozonators are recommended and are compatible with Spa Solution®.
11. Cup-Holders should be swept out as water will turn cool and may produce a slight odour.
12. Bathing Suits should be washed in hot water without soap and double rinsed to remove dyes and any soap residue.
13. Neck jets should remain open slightly so that water may flow freely during filtration cycle.
14. Spa covers and headrests should be cleaned if any doors are present.

*If you have drained your spa and expect to leave it drained for an extended period of time, you may want to 'shock' the water with chlorine when you refill.

Spa Recommendations..

*Before testing your water, always run pumps on high for at least 1-minute for better accuracy.

Water Temperature Range - 90 degrees or higher.

pH level - 7.8 - 8.4 / Alkalinity - 100 - 180

*Spa Solution helps stabilize at these levels.

Total Hardness - 200 - 400ppm

*If hard water, use a Stain & Scale control (Defender).

*If low calcium hardness (under 200ppm), use a Calcium Increaser.

Filtration System

Minimum (6-8) hrs per day. 24 hour filtration is recommended if possible.

If your source water is hard water and you have not used a garden hose pre-filter, then the recommended amount of a Stain & Scale control (Defender), should be used weekly, following directions on bottle. Also a Metal Out product may be used when filling spa. Alternately, if you have a water softener, use soft water to fill your spa, then add the recommended amount of calcium