

Chlorine Generation For Hot Tubs Quick Start Guide

Thank you for your purchase of the ColorChlor or TechniChlor system. This guide is to help you get up and going quickly plus ensure you get the maximum benefit from your new chlorine generator.

1. Completely, drain your hot tub and clean or replace filter element.

2. Refill with fresh water and add appropriate amount of salt. (1.5 lbs per 100 gallons) A 350 gallon hot tub would take 5 1/4 pounds of salt $3.5 \times 1.5 = 5.25$. Morton canning and pickling salt works well or if you have a water softener that uses solar salt that works well also. The main concern is to **not** use salts that contain iodine or anti-caking additives.

3. Along with the salt, you will need baking soda if your total alkalinity is under 100 ppm. Start out with 1/8 dry cup for 300 gallons or 1/4 dry cup for 600 gallons, test daily and add more until you reach a reading of 80- 160 80 is a good number if your hardness is over 300 and 160 would work for a hardness of 150 or lower.

4. Use white vinegar to lower pH unlike many treatment products, your chlorine generator will have a tendency to raise your pH which will protect your hot tub from corrosion. The use of 1 tablespoon per 100 gallons of 20 Mule Team Borax can help in areas of high hardness and to help stabilize the pH.



5. If you have low hardness, you will need to raise it with a hardness increaser from a pool or hot tub supply or you can use calcium chloride or calcium carbonate to raise hardness - try 2 or 3 tablespoons then test in a day or 2 and go from there. Calcium chloride is also used as an ice melt. http://www.mortonsalt.com/products/road_sidewalk/safe_t_power.html Calcium carbonate is typically found in ant-acids.

6. Phosphate remover has been supplied to you as it will eliminate 90% of problems with your water. Phosphates are in many water supplies regardless of city or well water. Phosphates consume chlorine and cause foaming which will make your chlorine generator work harder and make it difficult to maintain a chlorine residual. Add 2 oz to start and 1 oz monthly for tubs up to 600 gallons. The water will get cloudy if phosphates are present and this will clear up in a few hours. Phosphates can be introduced over time with swim suits as all the soap will doesn't get rinsed in the washing machine.

7. Your ColorChlor or TechniChlor comes set from the factory at level 5. If your hot tub is 300 gallons or less, you will want to set to level 3 and start from there. If it is over 400 gallons try level 7 to start. Complete instructions for setting the level is found in your manual or you can watch operational videos at: <http://saltwaterspaandhottub.com/resources/videos/>

8. There is a lot of information available at <http://saltwaterspaandhottub.com> under the resources tab but if you ever need assistance, please call 888.882.6922