

Run jets while adding Chemicals – Follow Steps 1 – 3 after filling Spa

1. CALCIUM HARDENER

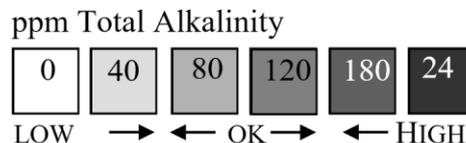
Add **1 level lid** of **“Calcium Hardener”** to your spa water.

TIP: Mix Calcium in a bucket of hot spa water to dissolve granules

2. ALKALINITY: Recommended level 100ppm.

To increase Alkalinity add **“ph Buffer”** at the following rates:

Desired Increase	Litres in Spa 1000
30	50gms = ½ lid
60	100gms = 1 lid

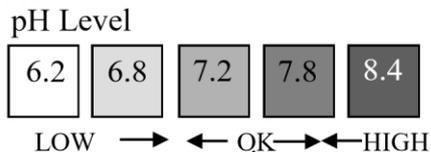


Once added leave spa for 20mins and re-test to make sure it is correct

3. PH: Recommended level is 7.6.

To decrease pH add **“pH Decrease”** at the following rates.

Decrease pH level	Litres in Spa 1000
0.1	5gm = 1 teaspoon
0.8	40gm = 8 teaspoons



Once added leave spa for 20mins and re-test to make sure it is correct

SPA CHLOR: Recommended level is between 3- 5 ppm.

Fresh water – add 2 teaspoons after steps 1-3

Normal use - add one teaspoon per person after each use

REMEMBER - ALWAYS LEAVE THE SPA COVER OPEN FOR AT LEAST 15 MINS WITH JETS RUNNING AFTER CHLORINE HAS BEEN ADDED!

Regular Maintenance Guide

- Once a week test water for all chemicals.
- Once a week take the filters out and hose down.
- Once a month take the filters out and soak in the cartridge cleaner.
100mls per Filter/ Bucket / 12hrs / Rinse!
- Every 3 months drain the pool and clean.
 - For pools with ozone, always check the chlorine indicator on the test strip 10 mins after adding and no later as ozone eats up the testability of chlorine and if checked 2 hours later an incorrect reading will occur.
 - The stabiliser indicator on the bottom of the test strip is for swimming pools only so ignore this.

F.A.Q.s

Why do I add Calcium Hardener to my spa?

Calcium helps control the corrosive nature of the spa's water. This is why calcium-low water (commonly known as "soft" water) is not recommended as it is very corrosive to the equipment.

Why do I adjust the Alkalinity in my spa?

The Alkalinity level in the spa water is a measure of the ability of the water to resist changes in pH level. The Alkalinity level acts as a base to the pH level, making it easier to control, this is why it is important to get correct Alkalinity levels before adjusting the pH levels.

Why do I adjust the pH in my spa?

Maintaining the correct pH level is extremely important for optimizing the effectiveness of the sanitizer, maintaining water that is comfortable for the user, and preventing equipment deterioration.

- Low pH level results in acidic water. This causes irritation of skin, and the sanitiser used will burn off rapidly from the spa water.
- High pH level can result in the sanitiser being less effective, and scale can occur on the spa shell as calcium solidifies.

Why do I have foam in my spa?

Foaming can be caused by

1. Residual soap in swimming gear
2. Excess lotion, hair products, etc
3. Body fats and oils
4. Filter cleaner solution that has not be properly rinsed from the filters

De-foaming product can be used to pop the bubbles as bubbles can breed bacteria. To remedy, clean filters thoroughly and try to avoid the above causes.

Why does my spa have cloudy water?

This may occur because the spa water has either

1. High pH levels - check the pH level and adjust accordingly.
2. High bacterial count - add a shock dose of spa Chlor to your spa (3-4 Tablespoons, leave cover off for 1 hour with jets running to allow gasses to burn off. Do not use the spa for 24hours).
3. Particles that are too small for the filters to catch - add Crystal Clear to the spa water to clump small particles together in order for the filters to catch them.

Why does my spa have scum lines?

Scum lines are caused by the build-up of body fats and oils around the water line on the spa shell. It can be removed with a microfiber cloth and hot water, or with a small amount of methylated spirits on a rag to help buff the shell clean.

Why do I need to clean my spas filters?

The filters gather particles, body fats, and oils in the spa water. The filters need to be kept clean to ensure clean water and proper running of the spa. Rinse the filters out each week, and soak them overnight once a month with filter cleaner solution.

Why does my spa smell?

This is caused by high bacterial count in the spa water. Add 3-4 Tablespoons of spa Chlor to the water as a shock dose. (Leave cover off for 1 hour with the jets running to allow gasses to burn off. Do not use the spa for 24hours)