

# Chemical Quick Start Up Guide



## Step 1: Fill

Fill your spa following user manual instructions.  
Always fill your spa by removing a filter and putting the hose in the intake hole.



## Step 2: Heat

Heat your spa pool to the desired temperature.



## Step 3: Water Treatment

Ensure the cover is off and the pump running.  
Dose spa with BioGuard Armour. **6 grams per 1,000 litres.**

*The litrage of your spa is on the specification sheet. **Nature 2 Sticks cannot be used with Armour.***



## Step 4: Test Water

Use test strips. Follow the instructions on the container.

Test trips should be used for pH, alkalinity and total hardness. Santiser level (Bromine or Chlorine) should be maintained using the dosing instructions on the container, **not the test strips**. Ignore the CYA readings as this applies only to large swimming pools. **Wait at least 20 minutes after applying any balancer chemicals before testing again.**



## Step 5: Water Balance

### pH out of balance

If the pH is too **LOW**, add alkalinity increaser (Comfort Up).  
If the pH is too **HIGH**, add pH decreaser (Aquality\*).

### Alkalinity out of balance

If the Alkalinity is too **LOW**, add alkalinity increaser (Comfort Up).  
If the Alkalinity is too **HIGH**, add pH decreaser (Aquality\*).

*Unbalanced spa water can damage your spa pumps and heaters.*



## Step 6: Water Hardness

### Total hardness

This can be done a few days after start up and usually only affects those on bore or tank water supply.

If total hardness reading is too **LOW**, add calcium increaser (Shield\*).

If total hardness reading is too **HIGH** add fresh water softener (Performance Up\* and Spa Defense\*).

*Low water hardness can damage your spa pumps and heater. High water hardness will create a build-up of scale.*

\* This product is not included in the chemical start kit. In the unlikely event that you require this, please visit [spastore.co.nz](http://spastore.co.nz)

# Regular Chemical Maintenance Guide

## Daily Maintenance:

Dose spa with BioGuard Armour.

Ensure the cover is off and pump running.

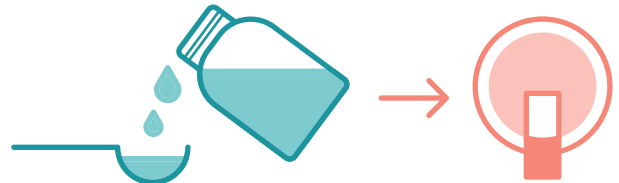


## Weekly Maintenance:

- A. Test the water using a test strip – follow instructions on container. Compare the wet test strip to the back of the test strip container.

*If you are following daily dosage instructions, you can disregard the FCL reading on the test strips. Test strips should be used for pH, alkalinity and total hardness. Santiser level (Bromine or Chlorine) should be maintained using the dosing instructions on the container, not the test strips.*

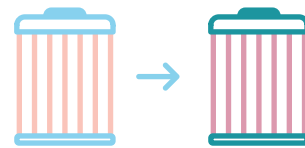
- B. Adjust pH, alkalinity and total hardness as per step 5 in the quick start guide.



## Monthly Maintenance:

- A. Remove and clean your pleated cartridge filters using the included Cartridge Cleaner by following the instructions on the container.

*Vortex Purezone Filters are disposable and cannot be cleaned.*

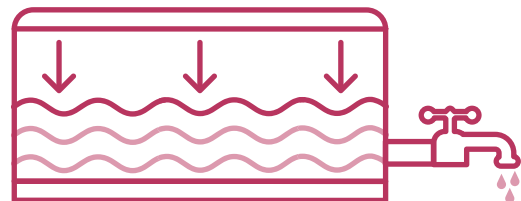


## 6 -12 Monthly Maintenance:

Spa water should be changed every 6-12 months and swim spas 12-24 months depending on bather load and hygiene, by following these instructions.

- A. Add pipe degreaser (Swirl Away ) to your spa following the included pipe degreaser treatment instructions on the container.
- B. Drain your spa by following the draining procedure in your user guide.
- C. Restart by following the quick start up guide on the reverse.

*If using Vortex Purezone filters, they should be replaced every 3-5 months regardless of whether you have a portable spa or a swim spa.*



### IMPORTANT NOTE:

Follow dosage and safety instructions on the container.

The use of poor quality chemicals can lead to poor water quality which results in issues not covered by your spas warranty. We recommend using BioGuard or Poppits products only. Using other products can impact your warranty.

All parts and chemicals are available from [www.spastore.co.nz](http://www.spastore.co.nz)

\* This product is not included in the chemical start kit. In the unlikely event that you require this, please visit [spastore.co.nz](http://spastore.co.nz)