

Spa Water Maintenance Guide Chemical Treatment

YOUR FILLED SPA MUST BE SUPERVISED AT ALL TIMES WHEN THE LID IS UNLOCKED OR OPEN.

Fill your spa with water from a hose up to the water level mark on the side of the filter cover (**never use hot water**).

Spa setup

1. Dissolve 10 level teaspoons/3 tablespoons of Calcium Hardener in a bucket of warm water and add to spa with the pump running. Allow 30 minutes to pass before the next step.
2. Check Alkalinity on Test Strip to check the Total Alkalinity of the spa water (refer to instructions on test strip container). Alkalinity should be between 80-120ppm. Adjust as required using the table below:

Alkalinity Increase (pH Buffer)			
1000 litre pool			
<i>Increase ppm</i>	<i>Grams</i>	<i>Tablespoons</i>	<i>Teaspoons</i>
20	35	2	7
40	70	5	14
60	105	7	21
80	140	9	28
100	175	12	35

3. If the Total Alkalinity has been met allow the pump to run for 1 hour before the next step.
4. Check your pH on the test strip (refer to instructions on test strip container). If the pH is in the OK range (7.2-7.6), proceed to Step 5.

If the pH is above the OK range (above 7.6) add the grams of the pH Decrease detailed in the table below directly into the spa water with the pump running.

pH Decrease			
1000 litre pool			
<i>pH reduction</i>	<i>Grams</i>	<i>Tablespoons</i>	<i>Teaspoons</i>
0.3	10	1	3
0.6	20	2	5
0.9	30	2.5	7
1.2	40	3	10
1.5	50	4	13
1.8	60	5	15

After 10 minutes repeat the above step (Step 4). If the pH is still too high continue Step 4 until it is in the OK range (7.2-7.6). Once the pH OK range has been met, allow the pump to run for one hour before the next step.

5. Add 2 teaspoons of DiChlor directly into the spa water with the pump running and leave the lid off for another 15 minutes.

Do not use the spa for at least 2 hours after this treatment.

Daily

(You may skip this step if an Ozone Unit has been fitted into your spa)

1. After using your spa, add 1 teaspoon of DiChlor directly into the spa water with the pump running and leave the lid off for at least 10 minutes.

Do not use the spa for at least 1 hour after this treatment.

Weekly

1. Test pH and Alkalinity using a new Test Strip. If necessary, adjust with chemicals using the steps above.
2. Shock dose weekly by adding 2-3 teaspoons of DiChlor directly into the spa water with your pump running and leave the lid off for at least 15 minutes.

Do not use the spa for at least 2 hours after this treatment.

2-4 weeks

Remove the filter cartridge and degrease the filter cartridge using a hose or strong tap. Best results are achieved using a Cartridge Cleaner which can be purchased from your spa shop, (refer to instructions on the container).

8-10 Weekly

Change water if it is dirty or when Total Dissolved Solids (TDS) reaches 1000ppm. Water samples can be tested by your local spa/pool shop.

High usage/Cloudy Water

If an unusually high usage of the spa occurs in a day, or the water suddenly turns cloudy it may be necessary to follow up with an additional shock dose by adding 2-3 teaspoons of DiChlor directly into the spa water with the pump running and leaving the lid off for at least 15 minutes.

Do not use the spa for at least 2 hours after this treatment.

Spa Brilliance is a product that can be purchased from a spa shop which will help with cloudy water issues. It is an effective form of chlorine with a flocculant added (which causes microscopic particles to clump so they get caught in the filter).

Chlorine Free

There are many products in the market that either reduce the amount of chlorine or act as an alternative to chlorine and your local spa shop will be able to advise.

Note:

Maintaining proper spa water care will increase the life expectancy of your spa and equipment. Following the above guide will act as a baseline and over time you will find that you can adjust the input of chemicals easily to your requirements. You will find many factors will affect your spa from the size of your pool, number of users, water source and environment.

***ENJOY THE MANY HEALTH
BENEFITS OF YOUR SPA***