

SPA POOLS



YOUR Fi-CLOR DEALER

Further information can be obtained from:
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Fi-CLOR®



- POOL SANITISERS
- SHOCK TREATMENT
- PREVENTION OR CURE
- WATER BALANCE



Your spa is designed to give many years of relaxing enjoyment. All that is needed is to carry out some simple tests, follow these guidelines and use the Fi-Clor range of chemicals.

Why chemicals?

These are required in order to kill off bacteria that may otherwise lead to cross infection, to keep the water comfortable for those using the spa and keep it crystal clear and inviting.

Draining & Refilling

Your spa supplier will fill the spa and chemically treat it on installation. Periodically, every 2–3 months depending on usage, it will be necessary to drain your spa and refill it with fresh water. After refilling it is a good idea to raise the sanitiser level to 5mg/l and hold it there for 24 hours before either using the spa or operating the jets.

Routine Chemical Treatment

Test the spa water at frequent intervals (at least daily for privately owned spas, every few hours for spas open to the public) using test strips or a test kit. Knowing the volume of your spa, treat as necessary in accordance with the guidelines below (mg/l is the same as ppm):

Test	Normal operating levels	Dose rates
Free Chlorine	3 – 5mg/l	To increase add Fi-Clor Spa Chlorine Granules. To raise the chlorine level by 1mg/l (ppm), dose at a rate of 4g per 2.25m ³ (500 galls). Add 20g to raise the chlorine by 5mg/l
Total Bromine	3 – 5mg/l	Add Fi-Clor Spa Bromine Tablets as required
pH 7.2 – 7.6	7.2 – 7.6	To increase add Fi-Clor Spa Soda Ash at a rate of 13g per 2.25m ³ (500 galls). This will raise the pH by approx 0.2. Make up a solution* using 5 litres (1 gall) of spa water in a plastic bucket, trickle the solution around the spa To decrease add Fi-Clor Spa Dry Acid at a rate of 13g per 2.25m ³ (500 galls). This will lower the pH by approx 0.2. Make up a solution* using 5 litres (1 gall) of spa water in a plastic bucket, trickle the solution around the spa
Total Alkalinity	100 – 200mg/l	To decrease add Fi-Clor Spa Dry Acid at a rate of 45g per 2.25m ³ (500 galls). This will lower the alkalinity by approx 10 – 20mg/l. Make up a solution* using 5 litres (1 gall) of spa water in a plastic bucket, pour the solution in the deepest part of the spa
Calcium Hardness	175mg/l +	
Temperature max.	39°C	

*** When making up a solution always add the chemical to the water never water to the chemical**

SPA PROBLEM SOLVING CHART:

Problem	Cause	Solution
Eye and/or skin irritation	A high level of organic pollution	Shock dose with Fi-Clor Spa Non-Chlorine Shock
	The pH is outside acceptable range	pH over 7.8 - reduce with Fi-Clor Spa Dry Acid pH below 7.2 - raise with Fi-Clor Spa Soda Ash
Foaming	Build up of contaminants – body oils and/or cosmetics	Treat with Fi-Clor Spa Anti-Foam
Smells	Build up of organic pollution	Shock dose with Fi-Clor Spa Non-Chlorine Shock
Staining on the shell	High concentration of metals in the water	Treat with Fi-Clor Stain & Scale Remover or take a sample to your local Recommended Fi-Clor Dealer for analysis
Coloured water	As above	As above
Cloudy water	Low sanitiser level	Test regularly and maintain between 3 – 5mg/l
	Ineffective filtration	Backwash sand filter regularly. Check cartridge filter and either clean using Fi-Clor Spa Cartridge Cleaner or replace
	Build up of dissolved solids	Treat with Fi-Clor Spa Water Clarifier to aid filtration Drain spa and refill with fresh water every 2 months
Excessive scaling	Water out of balance	Take a sample to your local Recommended Fi-Clor Dealer for analysis. Use Fi-Clor Spa Anti-Scale when refilling