



SMALL ABOVE GROUND POOLS

Small above ground pools are an excellent entry level to swimming pool ownership. They are relatively inexpensive to purchase, easy to erect and if a few simple guidelines are followed, will give many hours of enjoyment.

Taking care of your pool water

The filtration system

A circulating pump and filter makes up the filtration system. The instructions supplied with your pool should give guidelines as to how long the pump should run each day. The filter - which requires cleaning periodically - removes small suspended particles which if left in the water would turn it cloudy. The filter will need cleaning periodically - use **Fi-Clor Spa Cartridge Cleaner**.

Chemical treatment

Chemicals are necessary for a number of reasons: to kill bacteria that may otherwise lead to cross infection, to keep the water comfortable to bathe in and to keep it crystal clear and inviting. To establish the dose rate of the chemicals you will be using, you must first know the volume of water to be treated - some typical pool sizes and volumes are listed overleaf.



Troubleshooting Guide 15: SMALL ABOVE GROUND POOLS

Common pool volumes:

12ft diameter x 3ft deep = 2,115 gallons rounded to 2,000 gallons or 9m³

12ft diameter x 4ft deep = 2,820 gallons rounded to 3,000 gallons or 14m³

15ft diameter x 3ft deep = 3,304 gallons rounded to 3,500 gallons or 16m³

15ft diameter x 4ft deep = 4,405 gallons rounded to 4,500 gallons or 21m³

To sanitise the water:

Test the water daily using a test kit or test strips and maintain a free chlorine level of 2 - 4mg/l (ppm) by adding **Fi-Clor Chlorine Granules**. Fi-Clor Chlorine Granules produce free active chlorine to kill bacteria and other harmful organisms so that you have the peace of mind of knowing your family's health is being protected. They contain a built-in stabiliser making them ideal for outdoor pools where chlorine loss to sunlight can be a problem.

Pool Capacity		Dose of Fi-Clor Chlorine Granules to raise the chlorine by 1mg/l (ppm)
Gallons	Cubic meters	
2,000	9	17g
3,000	14	25g
3,500	16	30g
4,500	21	38g

pH: The pH scale indicates how acidic or alkaline the water is - the lower the pH reading the more acidic the water; the higher the pH reading the more alkaline (or base) the water. To keep the chlorine fully effective and create a comfortable bathing environment, the pH needs to be kept between 7.2 - 7.6. If the pH rises above 7.6 it can be reduced by adding **Fi-Clor pH & Alkalinity Reducer**. If the pH falls below 7.2 it can be increased by adding **Fi-Clor pH Increaser**.

Dose rates for adjusting the pH using Fi-Clor pH & Alkalinity Reducer or Fi-Clor pH Increaser		
Gallons	Cubic Meters	Dose in grams
2,000	9	100g
3,000	14	150g
3,500	16	175g
4,500	21	225g

*The rates shown above are the maximum per application; it may require several doses to correct the pH.
Follow pack dosing instructions carefully*

Problem Solving Chart

There is always a chance that at some stage during the swimming season algae will get into your pool and turn the water green. This is likely to happen if the chlorine level is allowed to drop for a few days. It is strongly recommended that you dose regularly with **Fi-Clor Algicide** in accordance with the instructions on the pack to help keep algae at bay.

Troubleshooting guide

Problem	Cause	Solution
Eye and/or skin irritation	High levels of combined chlorine	Shock dose with Fi-Clor Superchlorinator shock pot
	The pH is outside acceptable range	If pH is above 7.6, reduce levels with Fi-Clor pH & Alkalinity Reducer . If pH is below 7.2, raise levels with Fi-Clor pH Increaser .
Smells	High levels of combined chlorine	Shock dose with Fi-Clor Superchlorinator shock pot
Staining on the liner	High concentration of metals in the water	Treat with Fi-Clor Stain & Scale Inhibitor or take a sample to your local approved Fi-Clor dealer for analysis
Coloured water	As above	As above
Cloudy water	Low sanitiser level	Test regularly and maintain chlorine between 2 - 4mg/l
	Build up of suspended solids / ineffective filtration	Check cartridge filter and either clean using Fi-Clor Spa Cartridge Cleaner or replace Treat with Fi-Clor Rapid Clarifier (Do not overdose)
Excessive scaling	Water out of balance	Take a sample to your local recommended Fi-Clor dealer for analysis

Troubleshooting Guide 15: SMALL ABOVE GROUND POOLS



Your Fi-Clor Dealer

Lonza

Arch Chemicals Ltd
Wheldon Road, Castleford, West Yorkshire WF10 2JT
Tel: 01977 714100 Fax: 0870 889 5277
Email: watersales@lonza.com www.lonza.com www.fi-clor.co.uk

© Fi-Clor is a registered trademark of Arch Chemicals Ltd