

The Fi-Clor® Spa Active Oxygen system

The gentle alternative to chlorine or bromine sanitisers

Water Testing

Water testing is a very important part of the spa water treatment regime. Test the active oxygen level with a LaMotte Insta TEST® Monopersulphate, Alkalinity & pH test strip one hour after adding the Active Oxygen Tablets (A) and ensure it is within the range 5 – 10mg/l. As well as sanitiser level, it is also important to control the pH & alkalinity of the spa water in order to provide optimal bather comfort and protect the spa and equipment from aggressive water conditions. More detailed information on water balance and other aspects of spa maintenance may be found in the Fi-Clor Spa Owner's Handbook

Routine Oxidation

Although the Fi-Clor Spa Active Oxygen System will provide safe, sparkling clear spa water, it is strongly recommended that a weekly shock oxidation is carried out in order to break down non-filterable contaminants such as grease, oils and body fats. The ideal product for this purpose is a 35g sachet of Fi-Clor Spa Oxy-Brite® which contains chlorine, active oxygen and a clarifier.

- ✓ Safe, sparkling clear spa water
- ✓ Odourless
- ✓ Easy to use
- ✓ Kind to eyes, skin and hair
- ✓ No unpleasant by-products such as chloramines
- ✓ Suitable for all types of spa.

Available from your Fi-Clor stockist



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SPA ACTIVE OXYGEN SYSTEM

THE GENTLE ALTERNATIVE TO
CHLORINE OR BROMINE SANITISERS FOR
SPARKLING CLEAR SPA WATER

ODOURLESS, EASY TO USE AND KIND
TO THE EYES AND SKIN



The Fi-Clor® Spa Active Oxygen system

The Fi-Clor Spa Active Oxygen system is a gentle alternative to chlorine or bromine sanitisers. It is odourless, easy to use and kind to eyes, skin and hair. The system does not generate unpleasant by-products such as chloramines which are frequently associated with chlorine disinfection. Comprising of Fi-Clor Spa Active Oxygen Tablets (A) and Fi-Clor Spa Activator Liquid (B), the system will provide safe, sparkling clear spa water. Users of this system are also advised to add a sachet of Fi-Clor Spa Oxy-Brite® on a weekly basis in order to eliminate non-filterable spa contaminants.

Converting a spa to Fi-Clor Active Oxygen

When converting a spa that is already in use to Fi-Clor Spa Active Oxygen, best results are obtained by first draining and rinsing the spa to remove all traces of the previous chemical treatment. Then on refilling with fresh water, first shock treat with chlorine to 5-10mg/l or add one Fi-Clor Spa Oxy-Brite® sachet. The chlorine level should then be allowed to fall to 5mg/l or below before commencing treatment with Fi-Clor Spa Active Oxygen.

New spas will have invariably been factory wet tested and small amounts of water can remain out if site in the pipework system. This along with contamination picked up in transit can give rise to unwanted bacterial growth which must be eradicated before the spa is put into service.

Commissioning a new spa on Fi-Clor Active Oxygen

When filling your spa for the first time (commissioning) a shock chlorination should be carried out on the cold fresh water. Fi-Clor Superchlorinator-Shock Pot is an ideal product for this purpose as its unstabilised chlorine donors will deliver the maximum effectiveness. The free available chlorine level should be taken to either 25mg/l (ppm) for a minimum of two hours, or 50mg/l (ppm) for a minimum of one hour. During shock chlorination, the pH should be maintained within the range of 7.2 – 7.6 in order to ensure maximum

effectiveness of the disinfection process.

It's important that after the one or two hour shock chlorination period, the spa is drained, thoroughly flushed and refilled with fresh water. If this is not possible for practical reasons, the chlorine level should be reduced using Fi-Clor Chlorine/Bromine Reducer (sodium thiosulphate), or alternatively the spa may be left with the cover off and the chlorine level allowed to fall naturally. The spa should then be drained, thoroughly flushed and refilled with fresh water as above.

Dosing with Fi-Clor Active Oxygen

The Fi-Clor Active Oxygen system comprises 2 components; Fi-Clor Spa Active Oxygen Tablets (A) and Fi-Clor Spa Activator Liquid (B). The Tablets (A) are dosed via a floating dispenser or skimmer (if fitted) prior to bathing and the Activator (B) is added weekly directly to the spa with the circulation running. Start up doses of both (A) and (B) are required and during periods of high use, additional Tablets (A) are added.



Active Oxygen Tablets (A) per 1,000 litres		
Initial dose	Prior to use	High use
2 Tablets	1 Tablet	2 Tablets

Activator Liquid (B) per 1,000 litres	
Initial dose	Weekly Dose
30ml	30ml



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