



“An informed shopper prefers AquaSmarter”

The Easiest, Safest and Healthiest Alternative to using Chemicals

Hello and Welcome to Our AquaSmarter Family,

Thank you again for the **Opportunity** to share with you the many **Benefits** of using one or our many fine products that we at Soluciones Naturales are very proud of, **“AquaSmarter”**.

Like so many satisfied long term customers, we also thank you for joining us as our **Newest Member** of our **“AquaSmarter Family”** and allowing us to provide you, your Family and Friends with a **“Healthier, Less Expensive and Easier”** way to care for your Pool, Fountain. Jacuzzi or Water System

You’ll find that **AquaSmarter** offers an **“Easier”** way to maintain your Pool, Fountain. Jacuzzi or Water System. You’ll enjoy the many benefits and will clearly **“See the Difference”** AquaSmarter Ionization gives **“life”** to your Pool, Fountain, Jacuzzi or Water System.

Within the first week after installing **AquaSmarter** you will notice the color of the water of your Pool, Fountain or Jacuzzi darken to a **“Richer-Bluer Color”**. You will notice that the water will look much Cleaner, Feels Softer, and those who enjoy your Pool, Fountain or Jacuzzi will especially appreciate how AquaSmarter’s Ionization reduce the **“Harmful”** effects from exposure to **CHLORINE** and other **“Dangerous Chemical”**. You’ll no longer feel how **CHLORINE** (use to) irritate-your-eyes, dries-your-skin, bleaches-your-hair and clothing and most importantly, how **CHLORINE** damages the Pool, Fountain or Jacuzzi, pumps and equipment.

For the **BEST** results, follow the enclosed directions (also found on our website) closely and remember to keep your **Pool or Fountain pH (acid) level at 6.8 to 7.2** (bright orange to yellow) and **Jacuzzi’s pH 7.4-7.6**. If it’s higher, add a 1-gallons per 100,000-gallons of Muriatic acid every day until the pH reaches our recommended ph level. Muriatic acid can be purchased at any hardware store and it’s much less expensive and slightly more concentrated (and safe to touch) than **“Pool Store”** chemical prices. Remember to run your pump at least 8-10 hours every day and clean (backwash) your filter at least twice weekly.

The **AquaSmarter System** does exactly what it suppose to do, reduce **CHLORINE**. Your family, guests and especially you will **“appreciate”** the many benefits from using **AquaSmarter**. Follow the directions and your result will be exactly what you and your Family wants - like ours, a **Beautiful AquaSmarter Pool or Fountain**.

Thank you again and Welcome to Our Family,

Stephen Verdon, CEO
AquaSmarter International
Water Treatment and Purification Systems
AquaSmarter





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How it works

<http://www.aquasmarter.com/ChlorFree/how.htm>

How the **AquaSmarter** System Works...

Carefully measured amounts of **Pure-Silver** (of less than 0.04ppm); **Copper** (of less than 2.0ppm); **Zinc** and **Carbon** as a catalyst or booster are blended together, extruded into thin wiring and coiled to create an Electromagnetic Process called, “Galvanic Action”.

When the AquaSmarter Ionizing Ionic Battery is submersed in water, the metals begin to slowly deteriorate and produce “Ionization” or positively charged sub-atomic particles. These positively charged ions which after a period of 2-weeks, completely permeate the pool fountain, jacuzzi or water system to seek out and neutralize 100% of all types of algae and bacteria.

Another added benefit to this process is that these positively charged particles magnetically attract dirt, dust and other forms of debris that continually enter the pool fountain, jacuzzi or water system and collectively drops them to the bottom. Your pool fountain, jacuzzi or water system maintains a crystal clear, bacteria, algae and dirt-free environment 24-hours a day, all year long.

The pool fountain, jacuzzi or water system becomes crystal clear, the water deepens to a beautifully-rich deep blue and is silky-smooth and soft to the touch. Cleaning time is faster. The pumps do not need to operate as long, usually 3 to 4-hours daily. The most important part is that AquaSmarter replaces as much as 90% of the need of CHLORINE and in some pool fountain, jacuzzi or water system, even more...

To keep the perfect environment for happy ions:

For natural water temperature simply keep the pH of the water between 6.8-7.4

For heated pools or jacuzzis simply keep the pH of the water between 7.4-7.6

Do not use "soda ash" to adjust the pH. When the pH is too low, the water could look a little milky and you could raise it with a little bit of HTH chlorine (Calcium Hypochlorite). Pour it slowly diluted in the skimmers. If the pH is too high, use Muriatic Acid to lower the pH pouring it slowly through the skimmers.

To maintain a perfect environment of active happy ions, simply maintain your pools or fountains pH between 6.8 and 7.2, keep your filters clean, chlorinate for 1-2 days when new water has entered the pool so that it can become ionized and mixed with the existing water and never use “soda ash” to adjust the pH.

Thank you for choosing the Healthy Benefits from AquaSmarter Ionic System.

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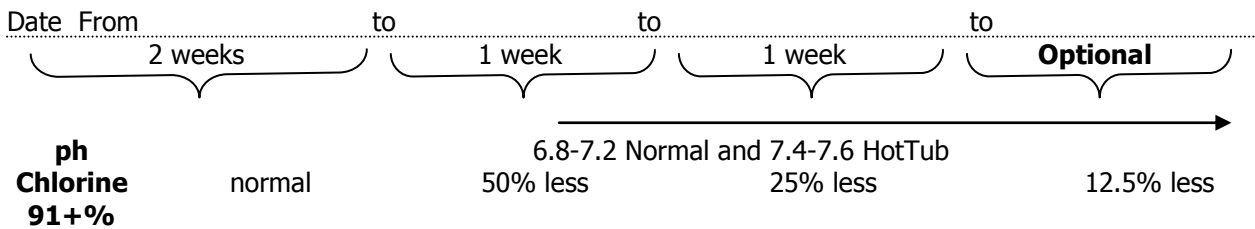
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The Ionic Submersible Purification Filter / A “Natural” Alternative to Chlorine.

HOW TO USE

FOR POOLS, FOUNTAINS and JACUZZI’s:

1. For Pools, Close bottom drainage off by 50% and leave the skimmers on to provide the maximum amount of skimmer suction.
2. Adjust the pool jets down to the right at a 45° angle in the Northern Hemisphere and to the left and down in the Southern Hemisphere for better circulation.
3. Insert the AquaSmarter Time Release "ION" Generating Ionic Battery into the leaf skimmer basket.



4. Keep levels of chlorine 1.5 over the next two weeks and **Always maintain (pH) between 6.8 and 7.2. Do not use Soda Ash or Base as Soda Ash will inhibit the ionization process.** Within the first two weeks notice the color of the water changing to a deeper blue tint. This will indicate that the **AquaSmarter System** is working.
For Heated Pools, Hot Tubs and Jacuzzis: Maintain a Constant pH between 7.4-7.6.
5. At the end of the two-week period, (1-week for Jacuzzi’s) reduce chlorine consumption by 50% (0.7). If the color of the water turns towards a greenish tint, this is an indication that the pH is too high, new water entered the pool or fountain, or that the filter is clogged. It is very important to check the pH weekly, especially after a heavy rainfall and keep your filters clean.
6. At the end of the next week, reduce chlorine consumption by 50% (0.3) of what you are using.

Important Information to remember:

If the pool is drained or re-filled follow step No. 2 to ionize the new water. After a heavy rainfall, 1/2 inches of rain or more, maintain normal levels (1.0-1.5) of chlorine for a period of 2 to 3 days. This will allow the new water entering the pool to be completely disinfected.

Use Trichloride Chlorine 91+% only. Calcium Chloride raises your pH

TROUBLESHOOTING and Helpful Hints Guide Easy as...

ABREVIATIONS	
PH	Water Alkalinity or Acidity
TDS	Total of Dissolved Solids
TA	Total Alkalinity

General Information
<p><u>Cloudy water:</u></p> <p>Filtration: Dirty filter. Do a rinse and backwash at least twice weekly. Remember to always move the filter handle clockwise to avoid problems with the seals.</p> <p>pH: Too low (normal temperature: 6.8-7.2 / Heated water 7.4-7.6)</p> <p>Oil in the water: Dissolve liquid soap 1 part in 10 parts water in a spray bottle and spray over water that has the oil. Stir. It will allow better circulation and oxygen in the water. Also the dust and particles will precipitate.</p> <p>Sand: Change the filter sand 1-2 yrs depending on use and commercial pools need to be changed every year.</p> <p>Backwash: Recommended at least 2-3 times a week or more if needed.</p> <p>Chlorine 91+%: After the Ionizing Priming Period, the amount of chlorine should be kept at a minimal (0.3-0.5) If the system is new the first 2 weeks the amount of chlorine between 1.5-3.0 then at the beginning of the 3rd week, decrease the amount of chlorine to between 1.0-1.5. At the beginning of the 4th week, decrease the amount of chlorine to between 0.3-0.5 and maintain there for another week. We recommend that you maintain your chlorine level at the optional level at between 0.2 to 0.5.</p> <p><u>Greenish water:</u></p> <p>pH: If the pH has increased over the maximum recommended level of between 6.8 to 7.1, the ionization will decrease therefore, we recommend that you restart the Ionization Priming Period using chlorine again as described above.</p> <p>Causes for increased pH: Too much rain with an Alkaline pH; Adding alkaline water.; Sweat adds alkalinity; Chlorine containing Calcium will also raise the pH level.</p> <p>Too little chlorine and/or excess use of the pool.</p> <p>Bad circulation of the water. The pool jets are to be directed down and right (in the Northern Hemisphere) or down and left (in the Southern Hemisphere). That way the water moves more efficient along with nature.</p> <p>Oil in the water: Dissolve 1 part liquid soap to 10 parts water and apply to the surface of the pool using a spray bottle until the oil dissipates. Stir or Mix the surface to help dissolve the Surface Oils. This procedure allows for better circulation of the water. You will also notice the surface oils that collected dust and small particles will break apart and sink.</p> <p>Stains on the walls: Cement that has dissolved from years of chlorination; Needs cleaning.; Accumulation of dirt.; Algae due to bad circulation.; Excess iron particles in the water.</p>

Problem	Possible Cause	Solution
Cloudy water		
Poor Circulation	Short filter run time or clean Filter	Run filter 24 hours or increase filter time
	Dirty Filter	Clean filter compartments
	Damaged filter grids	Check manufacturer specs.
Low Oxidiser Levels	Too little oxidiser residual	Maintain residual at no less than 0.5ppm. Shock pool if levels drop too low.
Calcium Deposit	Chlorine containing Calcium	Change chlorine to a non calcium based chlorine.
Early Signs of Algae	Depleted AquaSmarter Ionic Battery	Replace Every 12 Months.
Unbalanced Water	High TDS, pH or TA	Balance Water and Maintain Proper Levels.
Ammonia and Nitrogen components in the Water	Body or Suntan Oils	Dissolve oils using 1 part liquid soap to 10 parts water.
	Particles too small to clean	Check pH level 6.8 - 7.2 and for heating pools, between 7.4 to 7.6
Locked up chlorine	Too much cyanuric acid	Partially drain the pool and replace with fresh water
Algae growth		
Low Ch Residue	Too little chlorine residual	Maintain a Chlorine no less than 0.3-0.5 ppm
Low pH Level	pH level too high	Maintain a pH level of no higher than 7.2 ppm
Poor Circulation	Filter or leaf basket	Clean filter and basket clogged with debris regularly
Excessive Foliage	Leaves bring algae and another's elements	Trim trees and plants away bacteria into the water from pool
Swimming Pets and Birds entering the pool	Animals bring algae and another's elements	Limit pets use that adds bacteria to the water
Stains		
Blue or Green Stains	Copper or Iron corrosion	Brush stained areas or use heating elements with a stain control product.
	Low pH level	Maintain ideal pH and TA. Maintain pH level 6.8 - 7.2

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		and for heating pools, between 7.4 to 7.6
	Low total alkalinity	Maintain proper levels.
	High TDS levels	Maintain proper levels.
Grey or Brown Stains	Cracked or Scarred	Disolved cement.
Eye or skin irritation		
Low pH	Water too acidic	Mantain pH level 6.8 - 7.2 and for heating pools, between 7.4 to 7.6
Chloramines	Low or high pH level	Use chlorine oxidizer
	Low or high alkalinity	Mantain pH level 6.8 - 7.2 and for heating pools, between 7.4 to 7.6
Scale formation		
Scale	High PH levels	Mantain pH level 6.8 - 7.2 and for heating pools, between 7.4 to 7.6
	High total alkalinity level	Maintain proper level
	High TDS	Maintain proper level
	High Calcium hardness	Use Enzyme to dissolve scale buildup



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AquaSmarter One Year Replacement Warranty

Terms and Conditions

AquaSmarter, Manufacturer of the Submersible Ionizing Capsules, offers a One Full Year prorated replacement Warranty from the Date of Purchase.

AquaSmarter also Guarantees that in the event that our Ionizing System fails to perform for a 12 month period from the date of shipment, we will replace it on a prorated basis. The prorated value will be based on the current price and to replace the defective System. Return shipping is the responsibility of the Customer.

AquaSmarter Warranty becomes Null & Void if any of the following conditions occur: Abuse or Physical Damage to the System/Capsules; Improper Storage or Improper Use, or Improper Maintenance.

AquaSmarter customers shall follow the 'How to Use' instructions and agrees to carefully read and follow the Instructions provided before using any of our products.

Thank you for Choosing AquaSmarter,

Stephen Verdon, PhD
President/CEO

**Tratamiento para Aguas HydroKleen y Sistemas de Purificación
AquaSmarter**



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