

# Xtreme Power US

## SOLAR POOL IONIZER

ITEM: 90134

FOR POOLS  
UP TO  
35,000  
GALLONS!



## OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL: KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATING, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL NEAR THE ASSEMBLY DIAGRAM (OR MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO NUMBER).

FOR QUESTIONS PLEASE CALL OUR CUSTOMER SUPPORT: (909) 628 0880 MON-FRI 9AM TO 3PM PST

## **What is the Solar Ionizer?**

Ionizer is the disintegration of matter, atom by atom. This process occurs in the nature in all levels and is how water acquires a small amount of minerals for the preservation of its purity. The water purification by ionization has been practiced for thousands of years. The accumulation of water in containers made of copper and silver allows water to maintain its freshness, clarity and avoids the growth of algae and bacteria. However, if you incorporate pieces of copper and silver in your swimming pool, it could take a long time to reach an effective concentration of these elements. With our water ionizer, a small charge of electricity supplied by the control panel, energizes the electrodes accelerating the electrochemistry reaction.

## **How does the Solar Ionizer work?**

At the instant the atoms of the electrodes of copper/silver or silver/copper/zinc of our equipment are ionized and disseminate in the water. These ions exert a lethal effect on the microscopic life forms. The experiments of the University of Arizona have demonstrated that the mineral ions, together with a small amount of chlorine (0.2-0.4ppm) are 1,000 times more effective at preventing algae and bacteria. Once that these minerals are dissolved in the water, they remain for extended periods of time. As with salt in the oceans, the ions do not evaporate even in extreme conditions and intense heat. Contrarily, the chlorine is a very light element that tends to evaporate easily, especially in warm climates.

## **Is the mineral incorporated in the water of the Ionizer safe?**

Not only are safe, they are recognized as an essential mineral for the human body. The concentrations obtained typically correspond to that is permitted by "the Environmental Protection Agency" for potable water. Our ionizers are also perfect for controlling algae and bacteria in pools with fish because they are non-toxic.

## **How long can the Solar Ionizer work in the normal conditions?**

Our Solar Pool Ionizer is designed to last as long as your swimming pool. The control panel is not affected by long term use. The electrodes, which are designed to be consumed over the course of time. They can be replaced as often as necessary throughout the years.

## **Is it a requirement that the Ionizer remain active at all times?**

It is not necessary, nor advisable because it would be needlessly wearing down the electrodes. The Solar Ionizer is allowed to float every day, the first weeks, with the objective to obtain the concentration of ions and then a couple days for weeks to maintain the appropriate level of ions. If the pool is large, or in the case of extreme weather conditions, it is a necessary addition to the water due to evaporation. It is necessary to keep the ionizer in the water at all times. Swimming with the solar ionizer in the pool is perfectly safe.

# INFORMATION

Advantage of the Solar Ionizers versus chlorine:

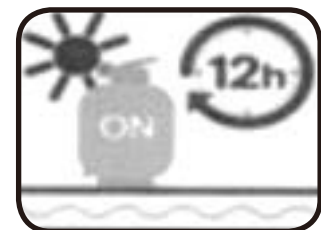
	Chlorine	Ionizer
Is it harmful for the eyes?	Y	N
Does it irritate the skin?	Y	N
Does it discolor or burn swimwear?	Y	N
Is it linked to cancer?	Y	N
Does it form trihalomethanes-carcinogens?	Y	N
Is it toxic for the lungs?	Y	N
Is it absorbed through the skin?	Y	N
Does it produce benzene in pvc pipes?	Y	N
Does it have a strong smell?	Y	N
Is it harmful for the environment?	Y	N
Is storage and handling dangerous?	Y	N
Does it evaporate?	Y	N
Is it corrosive for equipment and accessories?	Y	N
Does it destroy the stucco in a pool?	Y	N
Does it affect the paint in a pool?	Y	N
Does it require cyanuric acid to stabilize?	Y	N
Does it destroy algae?	Y	Y
Does it destroy bacteria?	Y	Y
Does it kill viruses?	N	Y

Using the Solar Ionizer:

**Step 1.** Verify that the pool conditions are good.

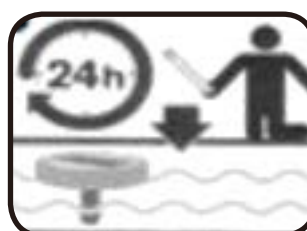


**Step 2.** Introduce the solar pool ionizer into the pool.



**Step 3.** Confirm the Ionizer is flowing in the pool.

**Step 4.** After 12 hours, activate the cleaning system of the pool. After 24 hours, confirm the Ionizer is working according to the specifications.



**Step 5.** Remove every 15 days and do a cleaning of the electrode with the brush included. Check the copper level weekly, if in of excess 0.9 ppm, take it out of the pool, or the water will turn cloudy and green. And put it back to the pool when less than 0.4 ppm.

# DISCLAIMER

## PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

**Record Product's Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.



**SAVE THESE INSTRUCTIONS.**

### Questions, problems, missing parts?



Before returning to your retailer, our exceptional customer service is here to help.

Call Us: 909.628.0880

Email Us: [customer@xtremepowerusa.com](mailto:customer@xtremepowerusa.com)

Hours of Operation: 9am - 4pm (Monday - Friday)

**PRODUCT MADE IN CHINA**