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solar pool ionizer

MANUAL



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The Secret to a Crystal Clear Pool Solar-powered Ionizer

Use 80%
less
Chlorine



Instruction of solar ionizer

Read with attention the use's guide. It guarantees a good results and satisfaction of your purchase.

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 thus how the water acquire a small amount of minerals for the preservation of its purify. The water purification by ionisation has been practiced for thousands of years. The accumulation of water in containers made in copper and silver during the ancient roman period allows that to maintain the freshness and clearness and avoid the growth of algae and bacteria. However, if you incorporate some pieces of copper and silver in your swimming pool, it could take a long time to reach an effective concentration if these elements. With our water ionizer, a small charge of electricity supplies by the control panel, energises the electrodes accelerating the electrochemistry reaction.

How does solar ionizer work?

At the instant that the atoms of the electrodes of copper-silver or silver-copper-zinc of our equipment are ionised, and they are 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 method preventing algae and bacteria. Once that these minerals are dissolved in the water, they remain for extended periods of time. As the salt in the oceans, the ions do not evaporate even in the extreme conditions and intense heat. Contrary, the chlorine is a very light element that tends to evaporate easily, especially in warm climates.

Does the mineral incorporated in the water of ionizer is safe?

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

How long does our ionizer can work in the normal conditions?

Our equipment are designed to last as long as your swimming pool. The control panel are not

affected by the use. The electrodes, which are designed to be consumed with the course of time. They can be replaced as often as necessary throughout the years.

Is a requirement that our ionizers remain active at all time?

Of course not, it is not necessary, nor desirable because it would be needlessly wearing 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 if due to the weather conditions, it was required to addition of water because of the evaporation, it is necessary to keep the ionizer in the water permanently. Swimming with the solar ionizer is perfectly safe and normal.

Advantage of our solar ionizers versus the chlorine:

Is it harmful for the eyes?(Chlorine YES, Ionizer NO)

Does it irritate the skin?(Chlorine YES, Ionizer NO)

Does it decoloured and burn the swim clothes?(Chlorine YES, Ionizer NO)

Is it linked with cancer?(Chlorine YES, Ionizer NO)

Does it form trihalomethanes-carcinogens?(Chlorine YES, Ionizer NO)

Does it toxic for the lungs?(Chlorine YES, Ionizer NO)

Is it absorbed through the skin?(Chlorine YES, Ionizer NO)

Has it a nasty smell?(Chlorine YES, Ionizer NO)

Does it evaporate?(Chlorine YES, Ionizer NO)

Is it corrosive for equipment and accessories?(Chlorine YES, Ionizer NO)

Does it affect the paint in a pool?(Chlorine YES, Ionizer NO)

Does it cost a fortune a year to operate?(Chlorine YES, Ionizer NO)

Does it destroy algae?(Chlorine and Ionizer both YES)

Does it destroy bacteria?(Chlorine and Ionizer both YES)

Does it kill virus?(Chlorine NO, Ionizer YES)

Step of using solar swimming pool ionizer:

Step1. Verify that the pool conditions are good

Step2. Introduce the solar pool ionizer into the pool

Step3. Observe that solar pool ionizer is floating in the pool

Step4. After 12 hours,activate the cleaning system of the pool. After 24 hours, revise if all are working according to the specifications

Step 5-6. Remove every 15 days and do a cleaning of the electrode with the brush included. check the copper level weekly, If excess 0.9 ppm, take it out from the pool, or water will turn cloudy and green. And put it back to the pool when less than 0.4 ppm.

Tips:If the pool is large,or if due to the weather conditions,it was required to addition of water because of the evaporation,it is necessary to keep the ionizer in the water permanently.



Features:

- Non-toxic,safe to use
- Simply float in your pool for proven algae control
- Includes brush to clear anode and 30 copper tes strips
- Recommended for pools up to 25,000 gallons
- For use when copper levels are between 0.4 and 0.9 ppm
- No need to use an algaecide in your pool again
- No installation required

