## **Solfiqua** Eco water purifier for pools & ponds—100% solar powered

Copper demonstrated a great antimicrobial activity, the coppers ions prevent cell respiration, punch holes in the bacterial cell membrane or disrupt the viral coat destroying the DNA and RNA inside. This property is important as it means that no mutation can occur preventing the microorganism from developing resistance to copper. In fact, copper ions are already a main ingredient in many commercial eco algae killers, using same technology, SolAqua can mitigate bacteria and algae growth in pools and ponds in a constantly, reliably, safely and efficiently way



## ATLANTS professional solutions in solar energy



SolAqua eco water purifier works by running your pool water over a series of copper electrodes powered by a harmless low-voltage DC current from solar panel making impossible for microorganisms such as algae

and bacteria to survive in the swimming pool. Produced copper ions remain effective because they are not affected by temperature, evaporation or radiation. Best of all, these ions are harmless to humans, so your family can swim safely while the unit is active.

Each unit purifies up to 100 cubic meters of water and is ideal for eliminating viruses, bacteria and algae and reduce the use of chlorine in traditional disinfection products in the pool by most 90% and it also allows the facility to be reduced in maintenance.

It can save you up to 80% of swimming pool maintenance costs

It can reduce the use of up to most 90% chlorine and other chemicals (such as algaecides, clarifiers, etc.) and it is 100% safe for human and environment

Clean and healthy: It provides a safe and healthy bath. eliminates discomfort caused by chlorine. After bathing, the eyes are no longer red, no harmful effects of chlorine such as no dry skin, no bad smell, no bleaching discoloration in swimsuits. It also controls the growth of algae in ornamental ponds and can be used in the presence of plants and fish without causing any harm to them.

Soften water: In addition to producing beneficial mineral ions, solar water purifiers also eliminate some unwanted minerals, such as calcium and iron, which also soften the water. This product is widely used in the purification of swimming pools, viewing ponds, fountains and other water bodies.

HEALTHY FOR USERS: Pool will only requires 10% of the chlorine you routinely use and does not require other chemicals such as algaecide!

Why avoid excessive use of chlorine? In addition to some well known adverse effects, such as: bad smells, allergic reactions to the body, irritation to the eyes and skin, discoloration of the clothes, etc., there are many other adverse effects, such as: it can cause damage to the respiratory system. It is carcinogenic, so it is banned in many countries. Chlorine not only corrodes metals, but also corrodes other facilities in the



**INCLUDES ALL YOU NEED! PLUG & PLAY SYSTEM, NO TECHNICAL INSTALLATION REQUIRED, EASY TO USE** 





Characteristics: Heavy-duty construction for great durability. Diameter: 210 mm. Solar panel: mono. Power 3W/6V. Consumption electrode TU copper. Permanent electrode: Stainless steel. Anti-uv ABS housing, no colour fading, super strong and durable. Ultrasonic weld housing, no leakage after years, strong and safe. Stainless coil used, no rust and long life span. Gross weight 1.5KG. One unit can clean swimming pool water capacity up to 100,000 Liters (26417 US gal) . For bigger pools/ponds please install several units Each kit includes: SolAqua water cleaner unit with high efficiency solar panel, high quality copper electrode, cleaning brush, copper test strips for checking quality of pool water. Packing: 10 units /master carton Master carton size: 85\*54\*28 Cm, Gross weight: 15 KGS, 0.13 M3.

