

# EAAZPOOL SOLAR IONIZER SI-40 QUICK GUIDE

**?** Need Help? Have Questions?  
SIMPLY TEXT "SUPPORT" TO +1(980)-447-2700



Replacement parts are available at [eazpoolworld.com](http://eazpoolworld.com)

WE STRONGLY RECOMMEND THAT YOU READ THE FOLLOWING QUICK GUIDE BEFORE USING THIS PRODUCT.

**01 /** Once assembled, it is as easy as leaving your Ionizer inside the pool. (No need to over think it)

**02 /** EaazPool's Solar Ionizer needs a minimum of 4-5 hours of sunlight. (There is no battery, and power is derived solely from the solar panel and cannot be stored. Therefore, if the unit is in the shade it cannot function)

**03 /** Your pool water should stay clear. Occasionally you may have to spot treat for algae. But overall, your pool water should stay clear.

**04 /** The copper stick (anode) is designed to corrode. That is how the copper and silver are getting into your pool. That is what it is supposed to do.

**05 /** Cleaning tips. Clean when the anode is wet. Clean it outside. Just give it a little scrub with the wire brush or steel wool once every week.

**06 /** The EaazPool Solar Ionizer is designed to work without the presence of other chemicals in your pool. Allow the ionizer a chance to perform without the addition of other chemicals that can affect this performance. Give them time to filter out, the ionizer really is all you need!

## How does the ionizer work?

This Solar Ionizer purifiers and protects against microorganisms by transforming your water! This transformation into biologically healthy and algae-resistant mineral water is done using safe and effective low power output. EaazPool's Solar Ionizer acts as a percolating charger to generate ions from the power of the sun. This Ionizer can be used effectively in both saltwater and non-saltwater pool systems. The EaazPool Solar Ionizer's ability to generate beneficial mineral ions while collecting undesirable minerals as calcium and iron truly sets it apart from competitors. This ability has an effect that softens your water. The Ionizer's anode is designed to be sacrificial and to slowly erode forming a scale buildup requiring occasional cleanings. This buildup on the anode is completely normal and means it is functioning as intended!

Replacement Parts are available [EaazPoolWorld.com](http://EaazPoolWorld.com)

## How many units will I need for my swimming pool?

One EaazPool Solar Ionizer can maintain up to 40,000 gallons, anything more than this would need an additional unit added for proper usage and effect on algae resistance.

## How much Chlorine will I need to use?

We recommend using a small (2 to 3 parts per million) of sanitizer to keep your pool microbe-free. You may still use small quantities of chlorine, bromine, or a non-chlorine sanitizer. It's the large expensive quantities of chlorine that you no longer need to keep your pool crystal clear.

## How often do I clean copper anode?

You will need to clean the copper anode every week, otherwise build up may occur in the basket preventing the minerals being released in the water properly. Also, this may cause a tear in the basket.

## How do I clean the anode and basket?

Remove the unit from the pool, inspect for any damages on the panel and around the unit. Flip the unit over onto a soft surface such as grass (you may want to have a trash bag underneath the unit) and gently remove the nylon screw and basket from the anode. Remove the anode from the unit and give it a little scrub with the wire brush provided.

**HINT: Easier to clean when wet. When dry, dusty mineralized residue can be irritating.**

## Can I use a metal screw if I misplace or break the nylon screw that came with the unit?

No. A metal screw will interfere with the ionization process and will "fuse" into the copper. It must be non-metallic.

Please go to [EaazPoolWorld.com](http://EaazPoolWorld.com) to purchase a replacement or contact customer support.

## What do I do if I have algae, but the water is crystal clear?

The occurrence of algae in any shady spot (for example black algae on the pools plaster surface), usually near steps or the deep end of the pool, is caused by how the water is filtered and will need to be spot treated with a powdered chlorine. Allow the spots to dissipate while continuing the use of the Solar Ionizer.

## What do I do if my pool is cloudy?

Run your filter a little longer than normal for your pool and add a little extra chlorine if necessary.

## PLEASE NOTE:

Algaecides, conditioners, clarifies, etc., are unnecessary. Higher chlorine levels may be required with an increase in water temperature, increased swimmer load, rainfall, or new water added. If using liquid chlorine, add at or after sundown because the sun's rays quickly neutralize chlorine. The recommended levels are not absolute and may vary with changing water conditions. What works best for your pool is determined by experience. Allow your water to seek its own balance. Do not arbitrarily alter the pH, apply large doses of chlorine (AKA 'Shock'), add algaecide, add conditioner, or try to change perfectly clear water



## How long does the unit need to be in the sun?

The Solar Ionizer requires a minimum of 4-5 hours of sunlight. (Please note that the Ionizer must be in the water receiving any sunlight or this may cause damage to the unit). The EaaZPool Solar Ionizer will NOT work out of the sunlight. Therefore, it may be necessary to tether it with rope or string (wrapping around the coil) in a sunny area.

## Will the unit work if my pool is covered?

If the panel on the unit does not get direct sunlight it will not work properly. You can gently tether the unit to an area in the pool where the cover is lifted or cut a small hole in the cover for the unit to be placed in the pool.

## What do I do if my pool has turned green?

If you have had a large amount of heavy rain or several overcast days, this may have caused the water to become imbalanced because the unit had no sunlight to be able to ionize the minerals properly. Simply shock your pool, run your filter a little longer than you normally would and let the water balance itself. If you add too many chemicals this may make the situation worse.

If you have had plenty of sun and the anode is not scaling, please contact customer support.

**PLEASE MAKE SURE YOU HAVE THE CORRECT NUMBER OF UNITS FOR YOUR SIZE POOL. ONE UNIT IS GOOD FOR UP TO 40,000 GALLONS OF WATER, YOU WILL NEED TWO OR MORE DEPENDING ON YOUR SIZE POOL.**

## What do I do if my pH level is high?

The EaaZPool Solar Ionizer is chlorine-free working well at higher pH levels allowing this range to be expanded up to 7.2-7.8 and therefore should not be immediately adjusted if it is within this given range. The overall goal is to determine how much use of the ionizer is just enough to maintain an adequate ion level, while determining the least amount of chlorine necessary to keep the water clear. Allowing the water, a chance to settle to its own balanced condition is advised

## TROUBLESHOOTING

### I DON'T THINK IT'S WORKING

It is highly unlikely that your solar ionizer will not generate ions, but should there be any doubt, the following quick check will visually prove electrical generation.

Firstly, fill a clear glass or plastic quart sized jar (or equivalent) with pool or tap water.

Second, Clean the electrodes and leave the basket off.

Third, place the solar ionizer on the top of the jar, resting on the lip, with the electrodes immersed in water (making sure to press the coil into contact with the 3 dots on the bottom side of the panel with your hand continuously).

With a full sun shining on the solar panel, fine bubbles will be observed after a few seconds originating from the spring coils. This demonstrates that electrical current is being generated. Any absence of these bubbles indicates a problem.

## IF YOUR POOL TURNS GREEN WHILE USING SOLAR IONIZER

Following the steps above, after confirming it is functioning normally, but your pool turns green, proceed trying to position your ionizer to a more consistently sunny area of the pool. It will be necessary to treat your pool with a chlorine shock to bring it back to a clear state, but you can continue using the Solar Ionizer during this process. This should correct any issues with the water turning green during usage.

If this does not effectively correct your issue than it will be necessary to add an additional Solar Ionizer to maintain your pool under the conditions present. (It happens quite frequently that customers buy only one when they really need two.)

## I SEE PURPLE STAINS!

Experiencing any issues with a bright purple stain in and around your pool or the Solar Ionizer itself, is a result of a reaction with cyanuric acid. EazPool's Solar Ionizer is designed to be used without other chemicals. Cyanuric Acid is typically used in pools as a stabilizer in chlorine tabs or other chlorine products. Noticing any significant staining other than simply around the ionizer itself, we advise removing the Solar Ionizer until the levels of Cyanuric Acid are reduced. This can be accomplished by draining water from your pool and replacing it with fresh water. The Solar Ionizer is designed to be used without any other chemicals and the copper within the ionizer is reacting to the cyanuric acid causing a purple stain. The stain itself should dissipate but could take several weeks after staining the plaster of the pool.

## BEST WAY TO CLEAN

It is advised to clean your Solar Ionizer outside, while the copper anode is wet. Carefully unscrew the thumbscrew and proceed to remove the basket. Then brush the coils and anode with the wire brush provided. (It is not necessary to be perfectly clean) Afterwards, replace the basket and screw in the thumbscrew.

## WARRANTY

EazPool warrants this product to be free from defects in workmanship and materials, under normal residential use and conditions, for a period of one (1) year from the original invoice date. Shipping and handling fees are to be paid by the customer. EazPool agrees, at its option during the warranty period, to repair any defect in material or workmanship or to furnish a repaired or refurbished product of equal value in exchange without charge (except for a fee for shipping, handling, packing, return postage, and insurance which will be incurred by the customer).

The warranty contains the following exclusions. The sacrificial electrode (copper anode) is a normal replacement item subject to wear and are excluded from the warranty. Product discoloration, or any other cosmetic or superficial damage or deterioration, regardless of its cause, is not covered by this warranty. The warranty does not apply to problems arising from circumstances outside the control of Products, including, but not limited to the following:

- A.** Damage or premature wear due to improper pool chemistry, and failure to maintain pool water chemistry in accordance with the recommendations contained in the owner's manual.
- B.** Damage due to improper installation or usage, including materials and workmanship supplied by others.
- C.** Damage due to negligence or failure to properly maintain equipment, including the maintenance of clean the electrode and disassembly.
- D.** Damage due to improper service, as well as unauthorized equipment modifications and use of non-genuine replacement parts.
- E.** Damage due to misapplication, misuse, abuse, or failure to operate the equipment as specified in the owner's manual.
- F.** Problems resulting from tampering, accident, fire, flood, freezing, lightning, insects, or other natural elements, or other circumstances beyond the control of Products.
- G.** Damage due to over-tightening or excessive pressure or stress.

This warranty is valid only in the United States of America. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. This warranty supersedes all previous publications. Any dispute between the original purchaser and Products will be settled by binding arbitration, conducted in Mecklenburg County, NC, under the rules of the American Arbitration Association.