

Using Instructions

Solar Pond Aerator „Floating Air“



Customer support:

If you have problems or questions regarding this product, simply contact us!
Internet: www.esotec.de
By phone: +49 9605-92206-0
By e-mail for ordering spare parts: ersatzteil@esotec.de
By e-mail for questions about the product: technik@esotec.de
Manufacturer Item No.: 101875

These instructions relate ONLY to this product and contain important information for using the product for the first time. Please keep these instructions for later reference and should always accompany the product in the event of transference to a new user.

1. Introduction

Dear Customer,

Thank you for purchasing the solar light. With this solar light you purchased a product manufactured according to the current state of technology.



This product fulfils all requirements of the valid European and national regulations. The conformity was proved. The relevant declarations and documentation are deposited with the manufacturer.

To maintain this state and guarantee a safe operation, you as the user will have to follow this operating manual!

2. Safety Instructions



- In case of damages caused by not following this operating manual, the warranty rights will expire! We exclude liability for any consequential damages!
- We exclude liability for property or personal damages caused by inappropriate handling or not following the safety instructions.

- In these cases any guarantee rights will expire.

Due to safety and admission reasons (CE) it is not allowed to arbitrarily reconstruct and/or change the product.

Therefore, please keep to the operating manual.

The accident prevention rules of the association of the industrial trade cooperative association for electric plants and working material are to be considered in industrial environments.

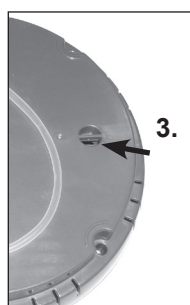
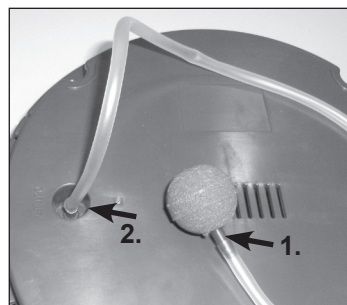
3. Usage in Accordance with Requirements

The pond aerator is intended for the aeration of the pond. It floats freely on the water surface. When the sun is shining, the solar modules supply the integrated air pump with energy. Depending on the solar radiation, the pond aerator works stronger or weaker. The enclosed air hose may be cut off depending on the depth of the water. In doing so, please make sure that the air stone does not rest on the pond bottom. This would lead to a too fast contamination of the air stone. The air is sucked in through 2 holes at the upper side of the floating body and is pressed downward. In case water should be on this surface due to rain or watering of the garden, then this water would simply be pressed into the pond by the pump. The pond aerator will not be damaged by this water.

Note: The pond aerator has to be taken out of the water in case of frost!

4. Start-up

1. Please carefully take out all parts out of the package.
2. Measure the depth of the water and cut off the air hose accordingly.
3. Now attach the air stone onto the air hose (1).
4. Insert the air hose into the „OUTLET“ at the bottom side of the floating body (2). If required, you may limit the range of the floating body. For this purpose, simply take a cord and fasten the floating body to the notch opposite the air outlet (3).
5. Now place the floating body with the solar cells facing upward onto the pond. Your pond will now be aerated when the sun is shining.



5. Care and Maintenance

The performance of the pond aerator will decline significantly in case algae growth should become apparent on the surface of the solar cell. Please take the aerator out of the water and clean the solar cells with lukewarm water and a soft cloth.

Note: Never use abrasive cleansers or abrasive sponges.

Over time, the air stone may be populated by algae. In this case, the air stone should be replaced by a new one. Cleaning is mostly ineffective.

In case of frost, the pond aerator has to be taken out of the water. During the winter it has to be stored at a frost-free place freshly cleaned. An annual exchange of the air stone is imperative.

6. Malfunctions

No aeration of the pond despite solar radiation!

1. Is the module shadow-free irradiated by the sun?
2. Air stone contaminated? Exchange it, if required!
3. Air hose detached?

7. Technical Data

Solar module:	crystalline 1.8 Wp
Delivery rate/capacity:	max. 120 l/h
Max. air performance:	>450 mmHg
Protection class:	III

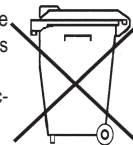
8. Spare parts

2 m air hose	Art.-Nr: 901200
air stone	Art.-Nr: 901202

Disposal:

Dear customer, please cooperate in avoiding waste. When you intend to dispose of the product in future, please consider that it contains valuable raw materials suited for recycling.

Therefore, do not dispose of it with domestic waste but bring it to a collection point for the recycling of waste electrical and electronic equipment. Thank you very much for your cooperation!



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