



## Solar Floating Oxygenator with Battery

This instruction relates to the PondXpert Solar Floating Oxygenator and contains important information for using the product for the first time. Please keep this instruction for later reference.

### 1. INTRODUCTION

Thank you for purchasing the PondXpert Solar Floating Oxygenator. You have purchased a product that complies with the latest and most up-to-date solar technology available. The Solar Floating Oxygenator has been designed for pond use. A solar module powers the air pump. The pump drives air through the hose and the air stone. In order for the air pump to operate, the solar module needs to be placed in **direct** sunlight. The performance of the pump depends on the season and the position of the solar module.

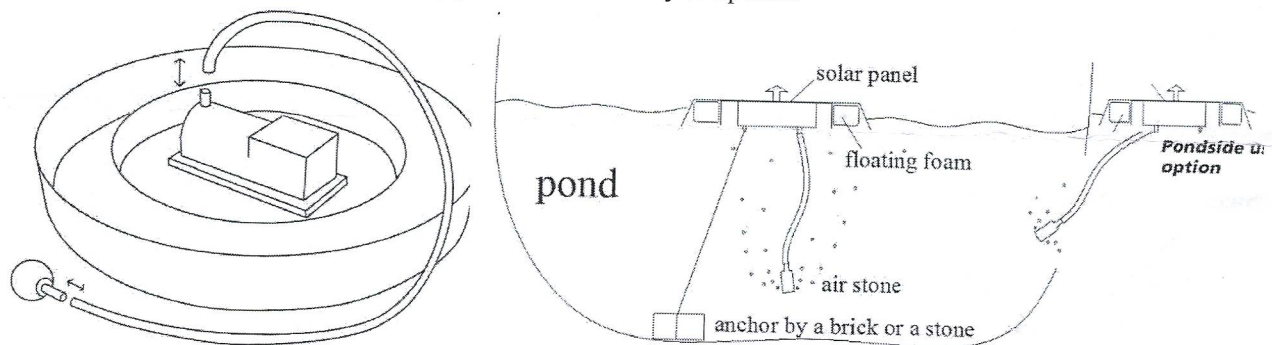
### 2. ASSEMBLING AND USING YOUR PRODUCT

Unpack all components carefully.

Attach the air stone to the hose.

Attach the hose to the air pump.

Place the Solar Floating Oxygenator to the surface of the water and make sure the solar panel is always under direct sunlight. (**Please note:** The air pump soaks air through small holes of the umbrella on the top of front side of the solar module. Therefore, the air pump should not be placed face upturn into the water, where water can get through the hole.) The Solar floating oxygenator is now ready to operate.



Alternative Use: If you decide that you do not want your Oxygenator to float (for instance if your pond is very small and you want to be able to see the surface) simply place the Oxygenator by the side of the pond as shown.

### 3. CLEANING AND MAINTENANCE

If after time the air pump starts to lose power or stops working, you should clean the build up of sediment or scale at the air stone and the hose.

Solar panel: The panel should be cleaned periodically with a soft tissue. Regular cleaning of the panel is advised to maintain optimum conversion of the sun's energy into direct current.

The airstone will degrade over time in will need replacing in 1-2 years time.

### 4. TECHNICAL DATA

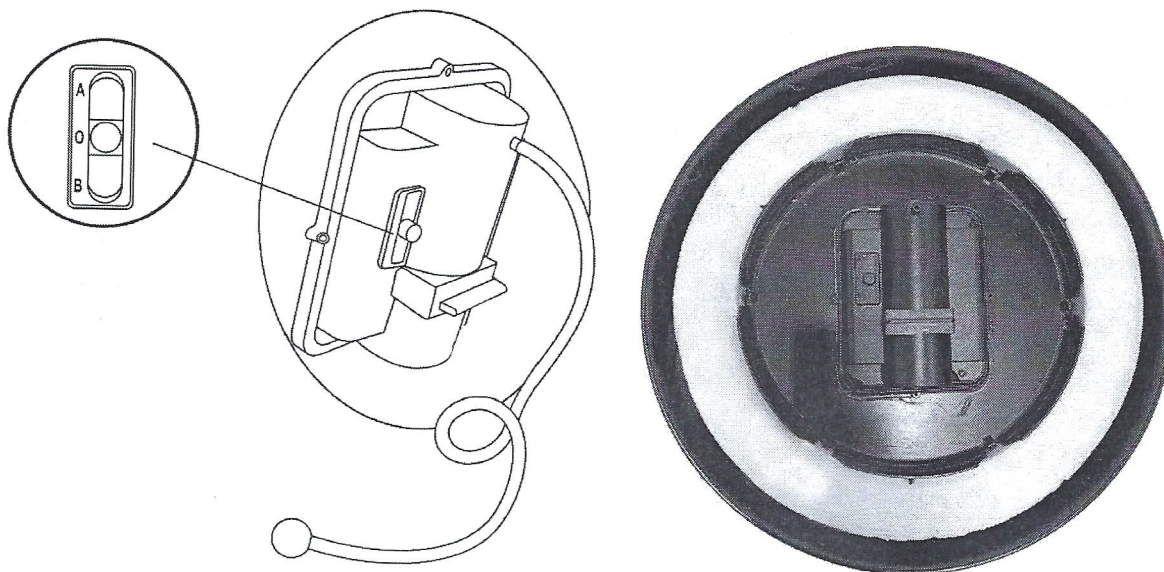
Solar panel	0.8W-5V
Operation voltage:	3-6V DC
Air volume:	150LPH
Hose Length	0.5m

**Important: In winter the solar floating oxygenator must be stored in a dry and frost-proof environment.**



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### 5. BATTERY OPERATING INSTRUCTION



#### Switch on "A" --- Mode of "Day":

Switch the button to "A" position, the air pump will only run in bright or good sunlight conditions. On bright sunny days surplus power will charge the battery for "night" use. The pump will not work on cloudy days or night as there is insufficient power to run the pump.

#### Switch on "B" --- Mode of "Night":

Switch the button to "B" position, the Solar panel charges the battery at day and the air pump will only work at night. (If you turn on the night mode at day, the air pump does not run till sunset).

The air pump keeps running at night until the next day sunrise or the battery is flat. On bright sunny days the battery will fully charged. On cloudy days the pump will run for significantly less time.

#### Switch on "O"--- Mode of "off":

Switch the button to "O" position, the air pump will stop running. The full solar energy will charge into the battery.

### 6. WARRANTY

This product is guaranteed for a period of 12 months from the date of purchase for material or manufacturing defects. The guarantee covers the substitution of defective parts. If your pondXpert pump fails please take it back to the retail outlet from where it was purchased. You will be required to take your receipt/proof of purchase with you. This does not affect your statutory rights.

PondXpert

A3 Bentley Avenue

Billingham

TS23 4BU UK

01642 370898

[www.pondxpert.co.uk](http://www.pondxpert.co.uk)

Your appliance contains valuable materials which can be recovered or recycled. Leave it at a local civic waste collection point.

