



SOLAR

Nova Pump

Instruction Manual

IMPORTANT: Please read this instruction manual carefully before using this product. Keep the manual safe for future reference.

Thank you for purchasing a Bermuda Solar Pump. This solar pump has been designed for fountain, pond or outdoor use. The pump drives its power from a solar module directly. In order for the 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.

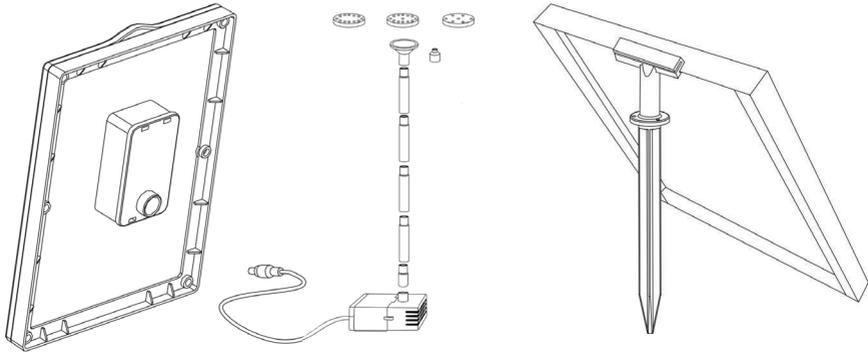
Attention

- Keep out of reach of children
- For safety reasons and in order to maintain good quality you are prohibited from altering or changing any component in the solar pump.
- Do not connect the pump to any AC voltage power; it is for DC voltage power only.
- Do not pump flammable liquids.
- Do not use pump with water above 35°C
- Do not strike the solar panel
- Do not let the pump run dry for long time
- Do not lift the pump by the power cord
- Operate in freshwater only

Specifications

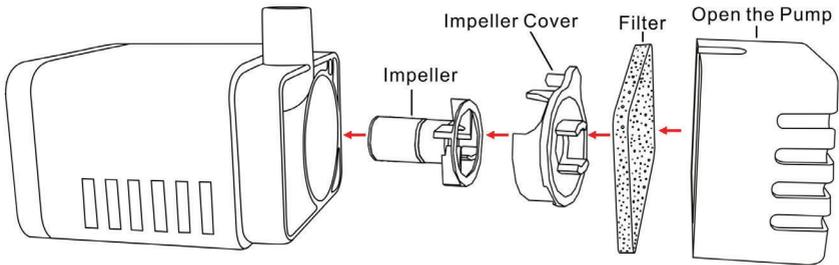
Solar Panel:	1.5 W
Operation Voltage:	8V DC
Water Flow Max.	230LPH
Water lift Max.	1.2M
Water Projection Height	Max. 0.6M
Cable Length	5M

Assembly



- Unpack all components carefully.
- Unroll the pump cable.
- Place the pump underwater and make sure that, it is fully immersed in water. Use the flexible suction cups to stick to the bottom of fountain pool. In case the pump tube is too far from the surface of water, you can raise the pump by using stones or brick underlay.
- The solar pump is now ready to operate.

Cleaning and maintenance



If after some time the pump starts losing power or stops working, you should check for the build up of sediment or scale in the filter or in the pump housing. The filter housing can be removed by pressing down on the bottom of the filter housing.

To clear the impeller, open the pump housing at the front by sliding up the front plastic cover.

***The solar module should only be cleaned with soft tissue and propriety glass cleaning solution.**

Troubleshooting

- Pump does not operate even though the solar module is in full sunlight.
 - No connection to the solar module – check connection to the solar module.
 - Impeller is blocked – to clean the pump, remove the front plate and the impeller. Use a small brush or stream of water to remove any debris.

- Pump does operate but there is no water running through the fountainhead check for the build up of sediment or scale in the tubes or the filter- clean the tubes and the filter.

Guarantee

This product is guaranteed against defects in material and workmanship for 12 months from the date of purchase, under normal usage.

The guarantee DOES NOT APPLY in case of improper use, negligence, lack of maintenance or accidental damage to the pump. If the pump fails due to a manufacturing fault within this period it will be either repaired or replaced free of charge. Moving parts or wearable parts including the impeller and any washers or O rings are not covered by the guarantee.

Should your Bermuda product stop working refer first to trouble shooting and if this does not help, return the product to the place of purchase.

Liability is limited to replacement of the faulty product only. No other costs will be reimbursed. This guarantee is not transferable and does not affect your statutory rights.

Do not attempt to tamper with the pump or solar panel. Do not access components inside the pump body, unless otherwise instructed in the instruction manual. Any damage occurred by doing so may invalidate the warranty.

The manufacturer or supplier shall not be responsible, or held liable for any damages caused by defective components or materials of this product, or for loss incurred by interruption of service, or any consequential/incidental damages and expenses arising from the production, sale use or misuse of this product or any other consequential loss.

Any warranty claim must be accompanied by a valid, dated proof of purchase. Evolution Aqua, Bermuda, its distributors and dealers shall not be held liable for any loss of fish, plants or any other livestock as a result of any failure or defect of this product.

The installation and use of your product outside of our recommendations as printed in this manual may also void the warranty.



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