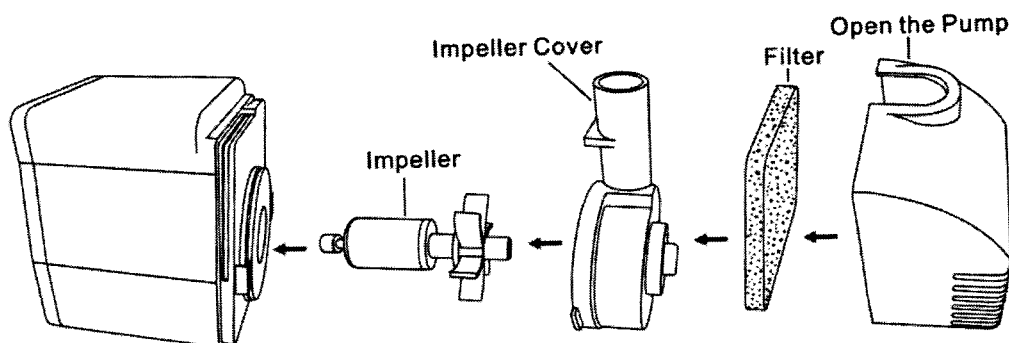


5 CLEANING AND MAINTENANCE

Pump: If, after a period of time, the pump starts to lose power or stops working check for the build up of sediment, scale or dirt in the filter. Remove the pump cover and the impeller cover. Clean them and the filter by fresh water.



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.

6 FUNCTIONALITY PROBLEMS

6.1 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 steam of water to remove any debris.

6.2 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.

7 STORAGE

7.1 Please charge the battery for at least a day in direct sunlight when the first time using the solar pump or when you store the solar pump for a winter.

7.2 In order to keep the battery long life, please charge the solar pump to fully charge status and plug-out the pump from the solar panel before you store the solar pump into warehouse.

8 TECHNICAL DATA

Solar Panel:	9 W
Operation Voltage:	12V DC
Water Flow Max.	800LPH
Water lift Max.:	2.0M
Water Projection Height	Max.1.4CM
LED Light (optional)	4 LED white light
Cable Length	5M
Lithium Battery	Lithium battery 7.4V-4000mAH