

Operation Instructions

The Solar Pump Fountain

(7V 1.5W)

Preface

Thank you for purchasing our solar pump fountain, the product is tested and certified, safety, high performance products. In order to avoid unnecessary damage or damage to the product due to improper use and maintenance, please be sure to read and understand the instructions in detail, and save this manual for future reference.

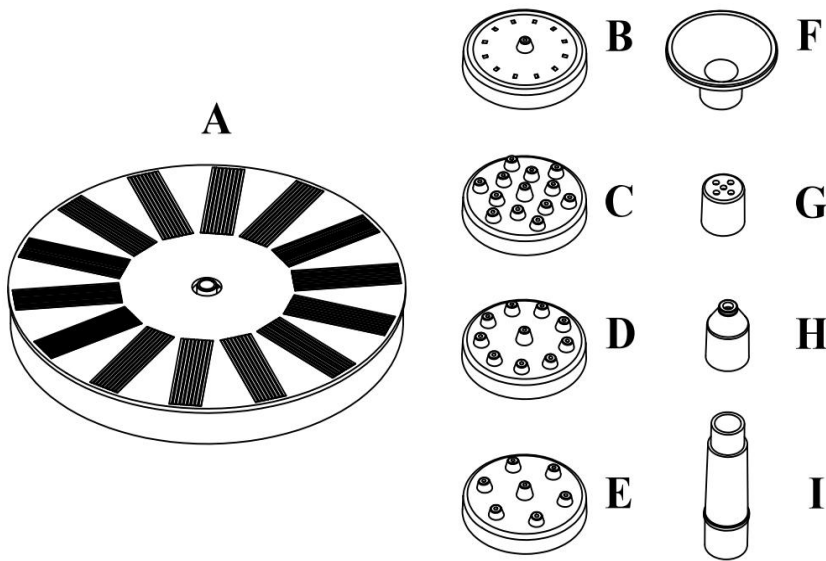
Specification

- The power of solar panel: 7V 1.5W
- The power of pump: 7V 1.0W
- The Maximum flow of pump: 190L/H
- The Maximum head of pump: 110CM
- Maximum water spray height: 60CM

Features

- The fountain life time: ≥ 10000 Hours.
- Delay: $\leq 3S$ (The pump will automatically restart within 3 seconds when sunlight recovery) .
- Working hours: During sunny days.
- Nozzles: 6 different spray water shape nozzles for you choose.

Components

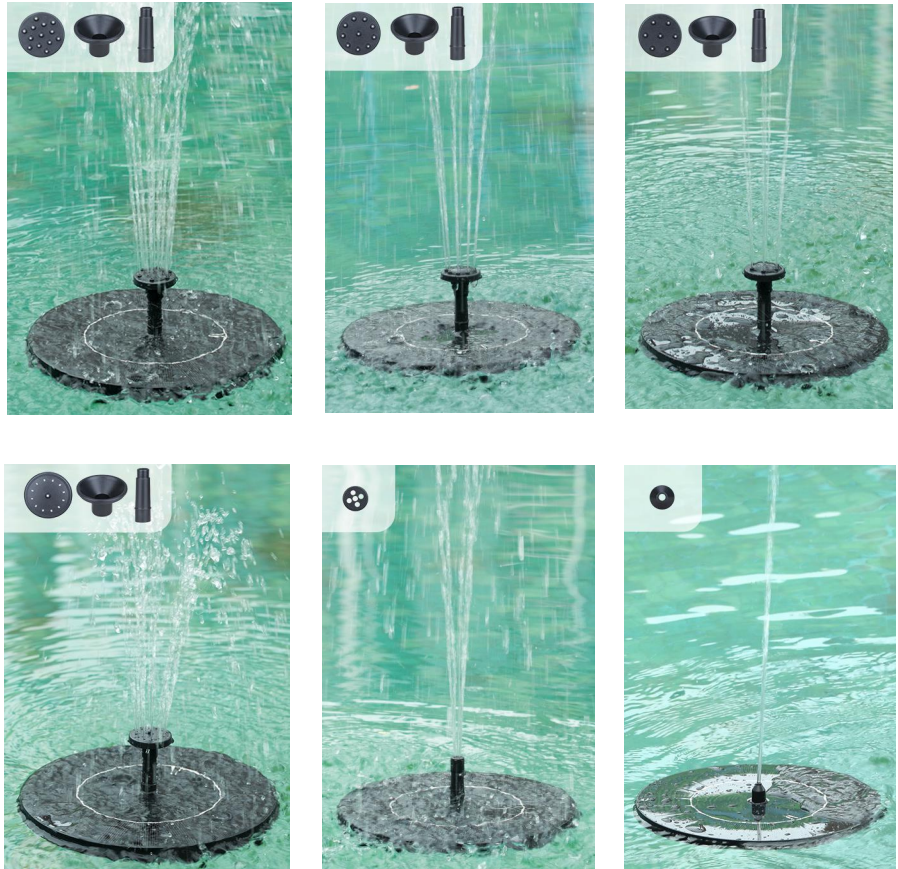
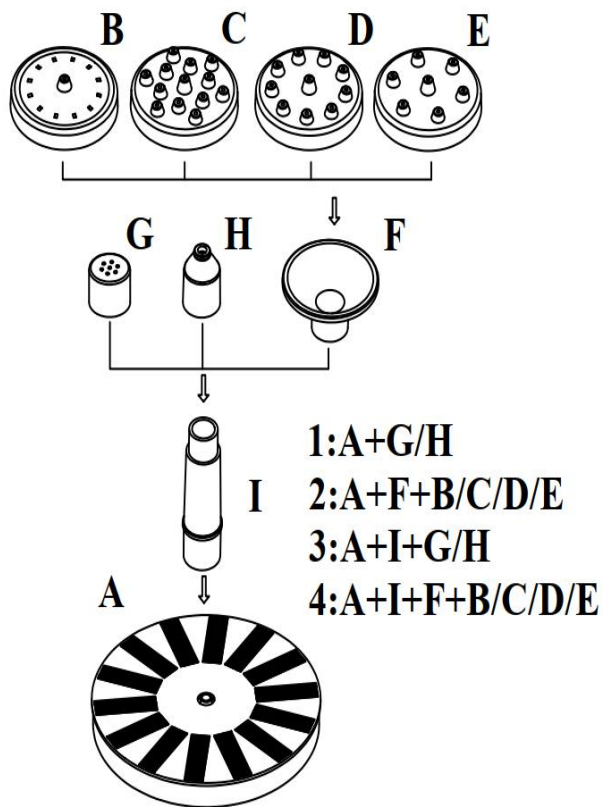


Part	Description	Qty
A	Solar panel with pump	1
B	Nozzle (13 hole)	1
C	Nozzle (13 hole)	1
D	Nozzle (10 hole)	1
E	Nozzle (7 hole)	1
F	Nozzle Base	1
G	Nozzle (5 hole)	1
H	Nozzle (1 hole)	1
I	Connection Head	1

Important Reminders

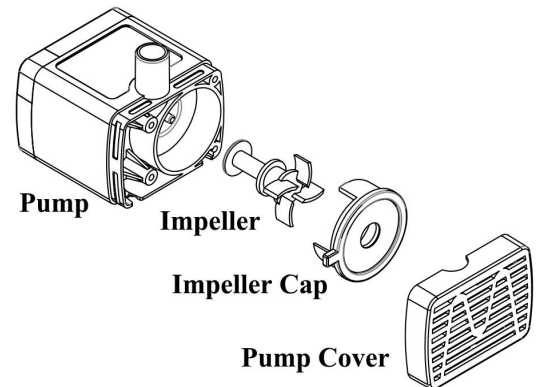
- Do not use the solar fountain without water, otherwise the motor will be damaged.
- Put the pump totally in the water and nozzle over the water, Make sure the pump is fixed firmly on the bottom of the fountain to avoid vibration.
- Keep the surface of solar panel cleaning constantly.
- Change water frequently to keep the water cleaning to avoid any dirt to impede the pump.
- Water should at least 1 inch(2.5cm) deep and clean.
- Please do not use the solar pump fountain at water temperature above 113°F (45°C).
- Please do not use the solar pump fountain in dirty or corrosive water.
- For safety, any repair work should be done only by the manufacturer of the products or the facility authorized service center.

Installation & Renderings



Maintenance

- Regular clean pump will increase the life of the fountain.
 - Clean the pump as follow:
 - Step 1: Remove the pump cover.
 - Step 2: Remove the impeller cap by placing your fingernail underneath the small lip located.
 - Step 3: Remove the impeller and clean the parts with water.
- ※ To avoid damage please don't open the controller of solar panel.



Q&A Troubleshooting

Why does the solar pump fountain not spray water?

The fountain must work in water and the fountain do not work at night.

Put the solar panel under sunlight and best to face the sun directly to make sure the solar panel got enough sunlight. At very low sunlight the solar fountain will stop working until the sunlight recovery.

Clean the pump if there are impurities in the water, too much impurities may block or damaged the pump.

Why dose the solar pump fountain spray water intermittently ?

The fountain work depends on the strength of the sunlight , the fountain will spray water intermittently when the sunlight is very weak.

The fountain will spray water continuously until the sunlight reaching a certain intensity.

The solar panel can not overshadowed by trees or cloud for long periods of time.

Why dose the solar pump fountain spray water height very low ?

The water spray height depends on water depth、 strength of the sunlight and installation method .when the sunlight is very weak the solar fountain spray water very low or not spray water, The fountain must work at minimum water depth 1 inch(2.5cm) if water is not deep enough the pump is not able to spray water. The water height will higher when remove part "I" and be highest when choose installation method "1: A+G/H".

How frequently do I need to clean the pump ?

The pump should be clean every 2 to 3 week, Depending on the cleanliness of the water. Having more sediment or impurities in the water , the pump will be more easier to block so the pump need to be clean more frequently.