

Water Sensor | Dry-Run Protect



Fig 4

Dry-Run Protection: If the water level drops below the silver sensor, the pump stops automatically (Fig 4).

Noise Warning: If the pump makes unusual noise.

1. Check if the water level is insufficient, refill water until the pump is fully submerged.

2. Check if the pump is clogged, clean the pump:

① Clean the filter sponge; ② Clear the impeller; ③ Flush the pipes.

Cautions

NOTE: Please notice the solar pump don't work at night.

1. This product is directly solar powered, which can only spray water continuously when sunlight is strong enough.
2. Please make sure to place the solar panel in direct sunlight without any shadow. It works best when facing the sun;

3. The pump needs to be fully immersed in water, and the nozzle top should be above the water to spray out water;
4. The pump needs to be cleaned regularly to avoid clogging with dust.

Cleaning and Maintenance

Light Cleaning (Weekly Recommended)

1. Disconnect the pump from the power.
2. Remove the pump front cover and the filter sponge.
3. Rinse the inside of the pump and the filter sponge to remove any debris.
4. Reassemble the pump and make sure the pump is fully submerged in water connect it again.
5. Expose the solar panel to direct sunlight to check if the fountain works.



Deep Cleaning (If light cleaning doesn't help)

1. Remove the rotor (impeller) and the white shaft from inside the pump.
2. Wash all parts carefully, including the rotor and the white shaft.

IMPORTANT: Make sure to press the white shaft firmly back into place.

If not fully inserted, the pump may still not work.

3. Reassemble all parts in reverse order and connect the pump.
4. Test again under direct sunlight.

SOLAR PUMP KIT

User Manual

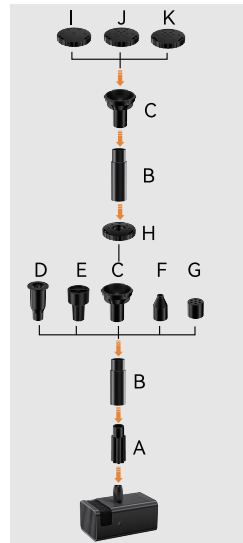
If you are not satisfied with our product , please send the order ID to our after-sales email, we will reply you within 24 hours!!!



Overview

Solar pump fountain uses the more durable glass solar panel and brushless pump, faster start-up, highly efficient and with strong stability. Suitable for bird bath, fish tank, small pond, garden decoration, water circulation for oxygen, etc.

Components



Assembling



1. Making a water feature: Connect the pump outlet to the water inlet of a small garden water decorations with the PVC tubing as shows in Fig 2.
2. Creating a small fountain, please follow the steps (as shows in Fig 2):
 - 1) As shown in Fig 2, install the stakes to the solar panel.
 - 2) Connect the foam cotton and nozzles to the water pump.

- 3) Connect the pump with the solar panel and tighten the protective screw.
 - 4) Fully submerged the pump into water.
 - 5) It is best to keep the pump away from the bottom of the pond, so as not to suck pond waste into the pump and got block.
 - 6) To maximize fountain spout height, ensure that the fountain head is raised above the water surface as shown in Fig 3.
3. Install the solar panel on garden lawn or loose ground by inserting spikes into the ground.
 4. The solar water pump is now ready to run.

Trouble Shooting

(If the pump doesn't work, please check the possible failures listed below.)

1. Make sure the solar panel is exposed in direct sunlight, no shadow;
2. The pump may be blocked by dirt, disassemble the front cover of the pump to clean pump and sponge;
3. Make sure there is enough water so that the pump can fall completely underwater and the nozzle is above water;
4. Try to disconnect the solar panel and re-connect to activate the pump; Check if the cord is broken.

