VIVOSUN

Submersible Water Pump (400 GPH)

USER MANUAL

Love what you grow™

Welcome to VIVOSUN

Thank you for choosing VIVOSUN. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us.

DESCRIPTION

This beautiful, simple to operate product is made with high-quality materials for use in fish tanks, aquariums, gardens, and with products and in places that require circulating water, such as air conditioning fans, air coolers, planting plates, filters, and fountains.

CHARACTERISTICS

The pump is beautifully made with a high-quality plastic shell and simply pumps, circulates, filters, and oxygenates water supplies!

PRECAUTIONS

1. The power plug is not waterproof. Please keep it away from water and water vapor.
2. The working voltage must be compatible with the pump's specified voltage.
3. Do not touch the power plug with wet hands. Disconnect it from the power supply before attempting to clean or maintain the pump.
4. This submersible pump is for use in fresh or seawater, but cannot be used in corrosive liquids.

PRECAUTIONS

5. If this product is working abnormally, it should be repaired by a certified professional.
6. For amphibious use, create initial water flow by first submerging the pump.
7. Please keep away from children, as this product is not a toy.

PARAMETERS

Power	Flow	Head	Operating Temperature	Product Dimensions
15W	1500L/H	62.9-inch	1-36°C (34-98°F)	5x2.95x3.74-inch

COMPONENTS

1. Filter cover
2. Rotor cover
3. Sealing ring
4. Rotor
5. Sealing ring of water nozzle
6. Outlet nozzle
7. Motor
8. Base plate
9. Rubber feet

ASSEMBLY DRAWING

Schematic Diagram for Base Disassembly:

Press the base's positioning pin inwards with two fingers while pushing upwards with two fingers of the other hand (as shown in the figure).

Schematic Diagram for Suction Installation on the Right:

Reverse by pressing down on the square holes, then press the round holes inwards.

Schematic Diagram for Rubber feet Installation on the Right:

EASY TO USE

This pump is easy to install, disassemble, and clean; also a great size For hiding or disguising in scenery (5 x 2.95 x 3.74-Inch).

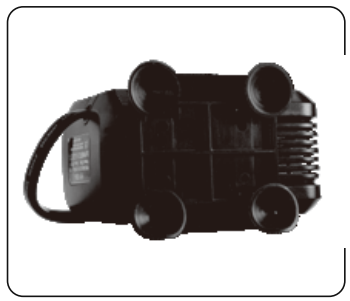
OPERATING INSTRUCTIONS

1. Open the package and take out the pump. Check whether it is damaged or the power line is broken. The maximum submersible depth of the submersible pump is lm.
2. Insert the pump's power cord plug in a power socket with leakage protection higher than the water's surface, and select the appropriate outlet pipe and outlet nozzle for connection, and then fix the pump in place with the suction cups and power on for operation.

CLEANING AND MAINTENANCE

1. After a period of continuous use, some impurities will build up in the pump causing increased noise and a blocked pump and water inlet. Regularly clean to minimize the risk!
2. First remove the submersible pump's grille and water blade cover, then take out the rotor, the ceramic shaft, and the water blade inside of it, then place the pump head and accessories in clean water and clean surfaces with a soft brush before reassembling in reserve sequence!

Power: 15W, Voltage: 110V, Product Weight: 0.52kg



TWO ADAPTERS

Includes 2x outlet adapters (0.5, 0.6-inch diameters) to meet project requirements; pump is ideal for freshwater, salt water, and is suitable for fish tanks, ponds, aquariums, and any hydroponics or water-based project.

0.62" 0.51"

COMMON PROBLEMS

1. The pump has gotten noisier: Most often due to lack of water. Fully submerge for quiet.
2. The water yield and head have gotten smaller: There could be impurities blocking the water inlet or the water outlet may be larger than the pipe.
3. The pump stops: When the pump has difficulty running at startup, it may be evidence that the magnetic rotor may be demagnetized. Therefore, the rotor should be replaced in a timely fashion.
4. Difference between flow and head:The difference of voltage Frequency and the discrepancy between outlet nozzle diameter, connecting pipe, and outlet nozzle diameter may cause differences in flow. The Flow and head shown for the model shall be only used For reference!

Manufactured using high-quality materials and components, your product is made to be recycled and reused. Please separate your product From regular domestic waste at the end of its service life and transport it to the uniform recycling place in accordance with local laws and regulations to help protect our natural resources, and human and environmental health.

Designed by VIVOSUN in California.

Made in China