

VIVOSUN



Submersible Water Pump

USER MANUAL

INTRODUCTION

This pump was carefully inspected and tested to ensure that it operates safely and sufficiently. Please read and save this manual for future reference. Failure to follow the instructions and warnings listed in this manual may result in damage to the pump and/or serious injuries.

SAFETY

This pump has a regular attachment plug. Be sure to connect it to a matching outlet.

- Do not connect it to voltages other than that shown on the pump.
- Do not pump flammable liquids.
- The National Electric Code requires that a Ground Fault Circuit Interrupter (GFCI) be used in the branch circuit supplying fountain pumps and other pond equipment.
- To reduce the risk of electrical shock, only use the device on portable, self-contained fountains longer than 5 feet in any dimension. Do not use the device in water above 40°C (104°F).

Always disconnect the attachment plug from the electrical outlet before handling the pump.

The device is not intended to be moved when plugged in or in operation. The supplied power cord cannot be replaced if damaged.

SAFETY

- Do not let the pump run dry (i.e., without liquid).
- Do not lift the pump by the power cord.
- Do not pump liquids with temperatures higher than 35°C (95°F).
- For indoor use only.

This pump has only been evaluated for use with water. For proper cooling, operate the pump when it is completely submerged. Note: leakage of lubricants may result in the pollution of the pumped liquid.

THREE OUTLET ADAPTERS

The product comes with 3 outlet adapters (respectively 0.51", 0.62", and 0.74" in diameter) to provide a different water flow if desired.



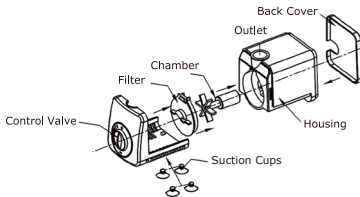
0.51"



0.62"



0.74"



MAINTENANCE

Q: When and how to clean your pump?

A: If your pump is producing any noise, disassemble it, and wash and spray it with water to clean any dirt out of the rotor. If water output decreases, please check if the barrier screen or filter screen is blocked or if the pipe is bent.

Q: How can you safely disassemble the pump?

A: The pump must be powered off before disassembling. Only a slight force is required when wiping stains off the surface. Do not shift or bend it out of its original position.

Q: How can you reassemble the device after cleaning it?

A: First, set the rotor and toggle it to check if that it rotates normally. Then, install the cover with the waterproof ring. Lastly, replace the outermost mesh screen.

Q: To what height can the water be pumped?

A: Proper vertical height between the water source (e.g. the pond) and the water destination (e.g. the fish tank) makes the pump work efficiently. It is recommended that the water destination be located not more than 1-2m higher than the water source.

MAINTENANCE

Q: How can I keep the pump in good working order?

A: Good water quality helps your pump work better. For optimal results, install the pump in clean water. Water quality is impacted by trace elements, dust, soil, dirt deposits, etc. Therefore, it is best to change your fish tank's water regularly, to avoid installing the pump at the bottom of the pool, and to place a filter screen outside of the pump to prevent debris (e.g., leaves, weeds, sand, and stones) from entering.

PERFORMANCE

A clogged or dirty intake screen will greatly reduce the performance of your pump. If it is being used on a dirty surface, raise it slightly to reduce the amount of debris that may come into contact with the intake. If less flow is desired, adjust the flow control lever on the front of the pump or restrict the discharge flow.

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