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SOBO WP-5200

SOBO Submersible Power Head

MODEL: WP-5200 INSTRUCTION MANUAL

Product Overview

The SOBO WP-5200 is a versatile submersible power head designed for various water circulation applications, including aquariums, ponds, fountains, and sump filter systems. It features a completely submersible motor for quiet and efficient operation.

Key Features:

- Completely submersible motor.
- Extremely quiet operation.
- Long-lasting wear-proof ceramic shaft.
- Suitable for both fresh and saltwater environments.
- Equipped with suction cups for secure placement.



Image: SOBO WP-5200 Submersible Power Head and its retail packaging.

Safety Instructions

- **Do not run the pump dry.** Operating the pump without water will cause damage.
- Do not lift or move the pump unit by pulling the power cord. Always handle the pump directly.
- The power supply cord for this appliance cannot be replaced. If the cord is damaged, the appliance must be discarded.
- Ensure the power plug is inserted into a socket outlet located at a higher point than the pump. This prevents water from flowing back via the wire to the socket outlet in case of leakage.
- Always disconnect the power supply before performing any maintenance or handling the pump.

Setup

1. **Unpack:** Carefully remove the pump and all accessories from the packaging. Inspect for any damage.
2. **Attach Outlet:** Connect the appropriate hose or tubing to the pump's outlet nozzle. Ensure a secure fit to prevent leaks.
3. **Placement:** Place the pump completely submerged in water. The integrated suction cups on the base allow for secure attachment to the bottom or side of an aquarium or pond.
4. **Flow Adjustment:** If a reduced flow rate is desired, locate the flow control lever (if present on your model) and adjust it accordingly.
5. **Power Connection:** Ensure your hands are dry. Plug the pump into a suitable electrical outlet, keeping in mind the safety instruction regarding socket placement.



Image: Side view of the SOBO WP-5200 pump, showing the suction cups for stable placement.

Operating Instructions

Once properly installed and submerged, the SOBO WP-5200 pump will begin operating upon connection to a power source. It is designed for continuous operation in both fresh and saltwater environments.

- The pump's motor is completely submersible and engineered for quiet performance.
- Regularly check the water level to ensure the pump remains fully submerged during operation.
- Monitor the water flow to ensure optimal performance.

Maintenance

Proper maintenance ensures the longevity and efficient operation of your SOBO WP-5200 pump.

1. **Clean Intake Screen:** A clogged or dirty intake screen will reduce pump performance. Frequently wash away any debris accumulated around the intake.
2. **Impeller Cleaning:** Periodically clean the impeller cylinder. Disassemble the pump head (refer to diagram if available) and use a small brush to remove any debris. Alternatively, flush the internal components under running water.
3. **Power Supply Check:** Regularly check and ensure a consistent power supply to the pump unit.
4. **Ceramic Shaft:** The pump features a long-lasting wear-proof ceramic shaft, which requires minimal maintenance but should be inspected during impeller cleaning.



Image: Front view of the SOBO WP-5200 pump, highlighting the water intake area that requires regular cleaning.

Troubleshooting

- **Pump Not Starting:**

- Check if the pump is properly plugged into a working power outlet.
- Ensure there is consistent power supply to the outlet.
- Verify the pump is fully submerged in water.

- **Reduced Water Flow:**

- A clogged or dirty intake screen is a common cause. Clean the intake screen and surrounding debris.
- The impeller cylinder might be dirty. Clean the impeller as described in the Maintenance section.
- Check if the flow control lever (if applicable) is set to a lower flow rate. Adjust as needed.

- **Excessive Noise:**

- Ensure the pump is fully submerged and securely placed. Vibrations can occur if not stable.
- Check for any foreign objects obstructing the impeller. Clean the impeller area.

Specifications

| Specification | Value |
|--------------------------------|----------------------------|
| Model | WP-5200 |
| Voltage | AC 220-240V |
| Frequency | 50/60Hz |
| Power | 75W |
| Maximum Flow Rate (F.MAX) | 3500 Liters Per Hour (L/H) |
| Maximum Lifting Height (H.MAX) | 3 Metres |

| | |
|--------------------------------|-----------------------------|
| Material | Copper |
| Product Dimensions (L x W x H) | 18L x 15W x 10H Centimeters |
| Item Weight | 2.3 Kilograms |



Image: Diagram showing the dimensions of the SOBO WP-5200 Submersible Power Head.

Warranty and Support

This product may be eligible for an optional 1-year extended warranty by Onsitego, depending on your purchase terms. Please refer to your purchase documentation for details on warranty coverage.

For product support, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.