

TRUPOW 950 GPH

TRUPOW 950 GPH Submersible Water Pump Instruction Manual

Model: 950 GPH

PRODUCT OVERVIEW

The TRUPOW 950 GPH Submersible Water Pump is a versatile 4-in-1 pond filter system designed for various water features including gardens, ponds, aquariums, and waterfalls. It integrates filtration, pumping, fountain, and UV lamp functions into a single unit, providing an efficient solution for maintaining clear and healthy water environments.

- **Integrated 4-in-1 System:** Combines a built-in filter, 35W pump, fountain, and 13W UV lamp.
- **Adjustable Flow Control:** Features a regulating valve to control water flow to the fountain head and auxiliary water output.
- **Efficient Pumping:** Equipped with a strong magnetic ceramic rotor, providing a maximum flow rate of up to 3600 liters per hour (950 GPH).
- **Dual Fountain Patterns:** Includes two types of nozzles for different spray patterns, with adjustable height and angle.
- **Variable Frequency Technology:** Ensures high flow with low power consumption and quiet operation.
- **Robust Filtration:** Thick filter sponge captures debris, and an independent filter material box allows for easy replacement and customization.
- **Waterproof Design:** All components meet IPX8 standards for high-level sealing and water resistance.

PRODUCT SPECIFICATIONS

- ✓ *Frequency*
- ✓ *Sterilization*
- ✓ *Filtration*
- ✓ *Fountain*



PRODUCT SPECIFICATIONS

Voltage:	110V/60Hz
Power:	37W
UV Lamp:	13W
Max Flow:	950GPH
Max Lift:	9.1Ft
Power Cord:	32.8Ft

Image: Product dimensions and key specifications including voltage, power, UV lamp wattage, max flow, max lift, and power cord length.

Technical Data

Brand	TRUPOW
Model	950 GPH
Voltage	110V/60Hz
Power	35W (Pump), 13W (UV Lamp)
Max Flow Rate	950 GPH (3600 L/H)
Max Lift	9.1 Ft
Power Cord Length	32.8 Ft
Material	Ceramic (Shaft)
Style	Submersible

PACKAGE CONTENTS

Before beginning installation, ensure all components are present and undamaged. Refer to the diagram below for identification.



Image: Detailed view of the pump's internal structure and individual components including fountain heads, flow switch, outlet, fountain pole, large filter sponges, water pump, UV lamp, and filter stone.

- TRUPOW 950 GPH Submersible Water Pump Unit
- Fountain Head 1 (e.g., Bell/Mushroom pattern)
- Fountain Head 2 (e.g., Spray/Volcano pattern)
- Flow Switch
- Outlet Connector
- Fountain Pole (Adjustable)

- Large Filter Sponges (pre-installed)
- UV Lamp (pre-installed)
- Filter Stone/Media (pre-installed)

SAFETY INSTRUCTIONS

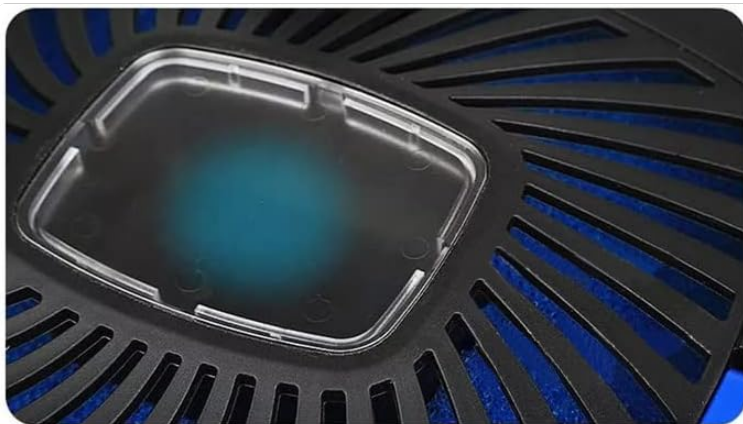
- Always disconnect the power supply before performing any maintenance or installation.
- Ensure the pump is fully submerged in water during operation to prevent overheating.
- Do not operate the pump with a damaged power cord or plug.
- This pump is designed for water use only. Do not use with flammable liquids.
- Keep children and pets away from the pump and electrical connections.
- Ensure the electrical outlet is properly grounded and protected by a Ground Fault Circuit Interrupter (GFCI).

SETUP INSTRUCTIONS

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect for any signs of damage.

2. **Assemble Fountain Pole:**

Attach the fountain pole to the pump unit. The pole's height is adjustable. Secure it firmly.



Visible Lid

Observe the state of the uv lamp, it will lights on when working



Flow Switch

The flow rate of the pump and the fountain can be adjusted separately



Flexible Pole

You can adjust any angle you need

Image: Details of the flexible pole for height adjustment and the flow switch for water control.

3. Select Fountain Nozzle:

Choose one of the two provided fountain nozzles (Style 1 or Style 2) and attach it to the top of the fountain pole. Ensure it is securely fastened.

2 FOUNTAIN NOZZLES

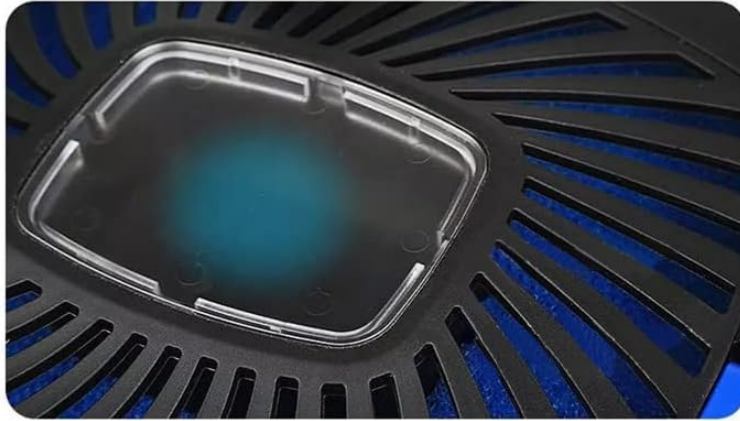


Image: Illustration of two distinct fountain nozzles and the water patterns they produce, labeled Style 1 and Style 2.

4. **Position the Pump:** Place the pump in the desired location within your pond, aquarium, or water feature. Ensure it rests on a stable, level surface and is fully submerged. Avoid placing it directly on the bottom if it's muddy or sandy to prevent clogging.
5. **Connect Auxiliary Hosing (Optional):** If using the auxiliary water outlet for a waterfall or other feature, connect appropriate hosing to the outlet connector. Use the flow switch to adjust the water distribution between the fountain and the auxiliary outlet.
6. **Electrical Connection:** Route the power cord safely to a grounded 110V/60Hz electrical outlet protected by a GFCI. Do not plug in the pump yet.

OPERATING INSTRUCTIONS

1. **Power On:** Once the pump is fully submerged and all connections are secure, plug the power cord into the GFCI-protected outlet. The pump will start operating immediately.
2. **Adjust Fountain Flow:** Use the adjustable flow switch located on the pump unit to control the water flow to the fountain head. Turn the switch to increase or decrease the fountain's intensity.
3. **Adjust Auxiliary Flow:** If an auxiliary hose is connected, the flow switch also allows you to divert water between the fountain and the auxiliary outlet.
4. **UV Lamp Operation:** The integrated 13W UV lamp will activate when the pump is powered on. The visible lid on top of the unit allows you to observe if the UV lamp is working.



Visible Lid

Observe the state of the uv lamp, it will lights on when working



Flow Switch

The flow rate of the pump and the fountain can be adjusted separately



Flexible Pole

You can adjust any angle you need

Image: Close-up of the pump's visible lid, which allows observation of the UV lamp's operational status.

5. **Enjoy Your Water Feature:** Observe the fountain and water clarity. Make any final adjustments to the fountain pole height or nozzle angle as desired.



Image: The TRUPOW submersible pump actively creating a decorative water fountain in a pond setting.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your TRUPOW pump.

1. **Disconnect Power:** Always unplug the pump from the electrical outlet before any maintenance.

2. **Clean Filter Sponges:**

The thick filter sponges should be cleaned regularly, especially if you notice reduced flow or water clarity. Open the pump housing (refer to the product components diagram) and remove the sponges. Rinse them thoroughly with clean water. Do not use soap or detergents.

3. **Inspect and Clean Impeller/Ceramic Shaft:**

Periodically inspect the impeller and ceramic shaft for debris buildup (e.g., algae, small stones). Remove any obstructions. The ceramic shaft is anti-corrosion and easy to clean.



UV-C Lamp

It is composed of tungsten filament lamp and inert electronic powder, which has better sterilization effect and energy saving



Carry Handle

Flexible handle make it easy to set-up and operation or take it to anywhere



Ceramic Shaft

Anti-corrosion, easy to clean, long service life

Image: Detailed view of the UV-C lamp, the integrated carry handle, and the durable ceramic shaft of the pump.

- UV Lamp Replacement:** The 13W UV lamp has a limited lifespan and will need replacement over time. When the UV lamp indicator (visible through the lid) no longer illuminates, it's time to replace it. Follow manufacturer guidelines for safe replacement.
- Winterization (for outdoor use):** In freezing temperatures, remove the pump from the water, clean it thoroughly, and store it in a frost-free location.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start.	No power supply; clogged impeller; damaged motor.	Check power connection and GFCI. Disconnect power, clean impeller. If still not working, contact support.
Reduced water flow or weak fountain.	Clogged filter sponges; blocked impeller; low water level; flow switch setting.	Clean filter sponges. Disconnect power, clean impeller. Ensure pump is fully submerged. Adjust flow switch.

Problem	Possible Cause	Solution
UV lamp not illuminating.	UV lamp has reached end of life; faulty connection.	Replace UV lamp. Check internal connections (with power disconnected).
Water remains cloudy.	Filter media saturated; insufficient filtration time; excessive organic load; UV lamp ineffective.	Clean or replace filter media. Ensure pump runs continuously. Reduce feeding or remove excess debris. Replace UV lamp if needed.

WARRANTY AND SUPPORT

TRUPOW is committed to providing high-quality products. All devices are factory tested to ensure performance.

- **Customer Satisfaction:** If you encounter any questions or issues during daily use, please contact TRUPOW customer support for assistance.
- **Contact Information:** For support inquiries, please refer to the contact details provided with your purchase or visit the official TRUPOW website.
- **Payment Issues:** For any payment-related concerns, please contact Amazon directly for an effective solution.

Note: Specific warranty terms and conditions may vary. Please retain your proof of purchase for warranty claims.

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Question

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Model number, symptoms, what you tried, or the section of the manual you are using.

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