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TERA PUMP A-TRAQUA-XL-SEP9-V1-001

TERA PUMP Electric 12V Submersible Aquarium Water Pump

Model: A-TRAQUA-XL-SEP9-V1-001

Instruction Manual

Introduction

The TERA PUMP Electric 12V Submersible Aquarium Water Pump is designed for efficient and safe water transfer in various freshwater environments. This pump is ideal for aquariums, fish tanks, small ponds, and fountains, facilitating quick draining and refilling tasks. With a flow rate of up to 2.1 gallons per minute and a 30-foot discharge hose, it simplifies water changes and maintenance. The pump features a filtered mesh intake to prevent debris from entering and is constructed with BPA-free plastics for safety.



Image: Overview of the TERA PUMP Electric 12V Submersible Aquarium Water Pump and its components, including the pump body, discharge hose, power adapter, and nozzle.

Safety Information

- **Electrical Safety:** This pump operates on 12V DC power. Always ensure the power adapter is positioned away from water to prevent electrical hazards. Do not operate the pump if the power cord or pump unit appears damaged.
- **Water Type:** Use this pump exclusively with fresh water. Do not use with flammable liquids, corrosive chemicals, or saltwater.
- **Supervision:** Keep the pump and its components out of reach of children and pets during operation and storage.
- **Overheating:** To prevent overheating, it is recommended to operate the pump for a maximum of 10 minutes, followed by a 5-minute rest period.
- **Submersion:** Ensure the pump body is fully submerged in water during operation to prevent dry running and damage.
- **Maintenance:** Disconnect the power adapter from the wall outlet before performing any maintenance or cleaning.

Package Contents

Verify that all items are present in the package:

- 1 x TERA PUMP Electric 12V Submersible Water Pump Unit
- 1 x 30-foot Discharge Hose
- 1 x Power Adapter with ON/OFF Switch
- 1 x Filtered Mesh Intake (pre-installed or separate)
- 1 x Flow Control Nozzle



Image: The TERA PUMP Electric 12V Submersible Aquarium Water Pump, showing the pump unit, discharge hose, and power adapter.

Specifications

Brand	TERA PUMP
Model Number	A-TRAQUA-XL-SEP9-V1-001
Power Source	Corded Electric
Voltage	12 Volts (DC)
Maximum Flow Rate	2.1 Gallons Per Minute
Material	Plastic (BPA-free)
Discharge Hose Length	30 feet
Pump Body Dimensions	2.3" x 4.6"

Power Supply Dimensions	2.6" x 3.9"



Image: Visual representation of the pump's specifications, including dimensions and components.

Setup Instructions

1. **Connect Hose:** Securely attach the discharge hose to the outlet port of the pump unit. Ensure a tight connection to prevent leaks.
2. **Position Pump:** Place the submersible pump unit into the water source (e.g., aquarium, pond) ensuring it is fully submerged. The filtered mesh intake should be clear of obstructions.
3. **Direct Discharge:** Guide the other end of the discharge hose to the desired drainage area or new container. Ensure the hose is not kinked and the nozzle is positioned correctly.
4. **Connect Power:** Plug the power adapter into a standard wall outlet. Position the adapter at least 6 feet away from the water source.



Image: Step-by-step visual guide for setting up and operating the pump, showing pump insertion, hose placement, and power activation.



Image: The submersible pump unit placed inside an aquarium, ready for water transfer.

Operating Instructions

1. **Activate Pump:** Locate the ON/OFF switch on the power adapter. Press the "ON" button to start the water transfer.
2. **Monitor Flow:** The pump will begin to transfer water at a rate of up to 2.1 GPM. Observe the water flow and ensure the discharge hose remains in the desired location.
3. **Adjust Flow (Optional):** The included nozzle features a lever to adjust the water flow rate. Squeeze the lever for variable flow or twist the hook for a hands-free continuous flow.
4. **Operation Cycle:** For optimal performance and pump longevity, operate the pump for a maximum of 10 minutes, then allow it to rest for 5 minutes before resuming operation.
5. **Deactivate Pump:** Once the desired water level is reached or the transfer is complete, press the "OFF" button on the power adapter.
6. **Disconnect Power:** Unplug the power adapter from the wall outlet.



Image: Close-up of the power adapter with clearly marked ON and OFF buttons for pump control.



Image: The flow control nozzle, demonstrating how to adjust the water flow rate using the lever or by twisting the hook for continuous operation.

Maintenance

Regular maintenance ensures the longevity and efficient operation of your TERA PUMP. Always disconnect the pump from the power source before cleaning.

- **Clean Filtered Mesh Intake:** The pump features a filtered mesh intake to prevent debris from entering. Periodically remove the front cover and clean any accumulated dirt or debris from the mesh filter. This disassembly allows for easy cleaning.
- **Rinse Pump and Hose:** After each use, rinse the pump unit and discharge hose with clean fresh water to remove any residue.
- **Storage:** Store the pump and hose in a clean, dry place away from direct sunlight and extreme temperatures.



Image: Demonstrates the removal of the front cover and filtered mesh intake for cleaning, highlighting the ease of maintenance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	No power, power adapter not plugged in, ON/OFF switch in OFF position, damaged power cord.	Ensure power adapter is securely plugged into a working outlet. Press the ON button on the adapter. Check power cord for visible damage.
Low water flow or no water transfer.	Pump not fully submerged, clogged filter, kinked hose, air in the system.	Ensure the pump unit is completely submerged in water. Clean the filtered mesh intake. Straighten the discharge hose to remove kinks. Briefly lift and re-submerge the pump to release trapped air.

Pump stops during operation.	Overheating, power interruption, water source depleted.	Allow the pump to cool down for 5 minutes if it has been running continuously for more than 10 minutes. Check power connection. Ensure there is sufficient water in the source.

Warranty Information

This TERA PUMP product comes with a**1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, unauthorized modification, or improper maintenance. Please retain your proof of purchase for warranty claims.

Customer Support

For further assistance, technical support, or warranty inquiries, please contact TERA PUMP customer service. Refer to the contact information provided on the product packaging or visit the official TERA PUMP website for the most up-to-date support details.
Website: TERA PUMP Store on Amazon

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