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Eden 57292

EDEN 521 External Aquarium Filter with Integrated 200W Heater User Manual

Model: 57292

Introduction

The EDEN 521 external filter is designed for freshwater and saltwater aquariums up to 200 liters. This quiet and energy-efficient filter combines a compact design with high filtration performance and includes an integrated EDEN 200W control heater. It ensures comprehensive mechanical and biological filtration through various filter materials, promoting crystal-clear water while preserving essential nutrients in your aquarium.
The integrated self-priming system simplifies installation and restarting. An automatic stop device within the hose adapter prevents water leakage during maintenance and cleaning, enhancing user convenience and safety.

EDEN brand logo, representing quality aquarium products.

Important Safety Information

- Always disconnect the power supply before performing any maintenance or cleaning.
- Ensure all connections are secure to prevent leaks.
- Do not operate the filter or heater if any part is damaged.
- The heater must always be fully submerged when operating.
- Keep out of reach of children.
- This appliance is for indoor use only, specifically for aquariums.

Setup Instructions

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components listed in the packing list are present and undamaged.
2. **Prepare Filter Media:** Rinse all filter media (mechanical sponges, ceramic rings, etc.) thoroughly under tap water to remove any dust or debris. Place them into the designated filter baskets according to the manufacturer's

recommendations.

3. **Connect Hoses:** Attach the inlet and outlet hoses to the filter unit and to the appropriate intake and return pipes inside the aquarium. Ensure all hose clamps are tightened securely to prevent leaks.
4. **Position Filter:** Place the external filter unit next to or below the aquarium. Ensure it is on a stable, level surface. The filter should be positioned lower than the aquarium water level for proper operation.
5. **Prime the Filter:** The EDEN 521 features an integrated self-priming system. Open the filter head with the automatic hose shut-off. Fill the filter canister with water. Once filled, close the filter head securely. The self-priming mechanism will assist in starting the water flow.
6. **Adjust Heater Temperature:** The integrated 200W heater allows for precise temperature control. Locate the temperature adjustment dial on top of the filter unit. Rotate the dial to set your desired aquarium temperature.



The EDEN 521 external filter unit with integrated heater. This image shows the overall design and main components.



Close-up view of the temperature adjustment dial on the EDEN 521 filter, allowing precise control of the integrated 200W heater.

Operating Instructions

Once the filter is set up and primed, connect the power plug to an electrical outlet. The filter pump will start, and water will begin to circulate through the system. The integrated heater will automatically maintain the set temperature.

- **Continuous Filtration:** The filter is designed for continuous operation to ensure optimal water quality.
- **Temperature Control:** The 200W heater maintains a uniform water temperature throughout the aquarium, which is crucial for the health of aquatic life. Monitor the aquarium temperature with a separate thermometer to ensure accuracy.
- **Monitoring:** Regularly observe the water flow rate and clarity. A decrease in flow or cloudy water may indicate that the filter media requires cleaning.

Maintenance

Regular maintenance is essential for the longevity and efficient operation of your EDEN 521 filter and for maintaining a healthy aquarium environment.

1. **Disconnect Power:** Always unplug the filter from the power outlet before performing any maintenance.
2. **Stop Water Flow:** Utilize the automatic stop device in the hose adapter to prevent water from escaping when disconnecting the hoses from the filter unit. This feature simplifies cleaning and reduces mess.
3. **Clean Filter Media:**
    - **Mechanical Media (Sponges):** Rinse mechanical filter sponges in old aquarium water (from a water change) to preserve beneficial bacteria. Replace them when they become too clogged or degraded.
    - **Biological Media (Ceramic Rings):** Gently rinse biological media in old aquarium water. Avoid excessive cleaning, as this can remove beneficial bacteria.
4. **Clean Impeller:** Remove the pump head and clean the impeller and its housing. Hair, debris, or mineral deposits can accumulate here and reduce pump efficiency or cause noise.
5. **Check Hoses and Connections:** Inspect hoses for kinks, blockages, or algae buildup. Ensure all connections and O-rings are clean and properly seated to prevent leaks.
6. **Reassemble and Restart:** After cleaning, reassemble the filter, reconnect the hoses, and follow the priming steps from the "Setup Instructions" before plugging the unit back in.



A hand demonstrating the removal of the integrated heater from the filter unit for cleaning or inspection.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Reduced Water Flow	Clogged filter media, dirty impeller, kinked hoses, air in the system.	Clean filter media and impeller. Check hoses for obstructions. Re-prime the filter to remove air.
Filter is Noisy	Air in the system, dirty or damaged impeller, filter not level.	Re-prime the filter to remove air. Clean or replace impeller. Ensure filter is on a stable, level surface.
Water Leakage	Loose hose connections, damaged O-rings, improper sealing of filter head.	Tighten all hose connections. Inspect and replace damaged O-rings. Ensure filter head is securely latched.
Heater Not Working	Power supply issue, heater element failure, incorrect temperature setting.	Check power connection. Verify temperature setting. If heater element is faulty, contact support for replacement.

Product Specifications

Feature	Detail
Model Number	57292
Aquarium Type	Freshwater and Saltwater
Aquarium Capacity	Up to 200 Liters
Integrated Heater Power	200 W
Product Dimensions (L x W x H)	24.5 x 28 x 36.5 cm
Product Weight	4.3 kg
Manufacturer	PFG
Batteries Required	No



Diagram illustrating the dimensions of the EDEN 521 external filter: 24.5cm (length), 28cm (width), and 36.5cm (height).

Warranty Information

This EDEN product is covered by a manufacturer's warranty against defects in materials and workmanship. The warranty period typically begins from the date of purchase. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation included with your product or visit the official EDEN website. The warranty does not cover damage caused by improper installation, misuse, neglect, unauthorized modifications, or normal wear and tear.

Customer Support

If you encounter any issues or have questions regarding the EDEN 521 external filter, please contact EDEN customer support. You can typically find contact information (phone number, email, or support portal) on the product packaging, the official EDEN website, or through your retailer.
When contacting support, please have your product model number (57292) and proof of purchase readily available to assist with faster service.

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