

Superfish A7031220

Superfish Corner-Flow 400 Internal Aquarium Filter User Manual

INTRODUCTION

Thank you for choosing the Superfish Corner-Flow 400 Internal Aquarium Filter. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new filter. Designed for aquariums up to 200 liters, this filter ensures optimal water quality, contributing to a healthy and clean aquatic environment. Its compact design allows for corner placement and includes an integrated space for an optional aquarium heater.

SAFETY INSTRUCTIONS

- Always disconnect the power supply to all aquarium equipment before performing any maintenance or handling the filter.
- Ensure your hands are dry before plugging in or unplugging any electrical device.
- This appliance is intended for indoor use only and must not be used in wet conditions outside the aquarium.
- Do not operate the filter if the power cord or plug is damaged. Contact a qualified electrician for repairs.
- Ensure the filter is fully submerged in water during operation to prevent damage to the motor.
- Keep out of reach of children.

PACKAGE CONTENTS

Please check that all items are present and in good condition:

- Superfish Corner-Flow 400 Internal Filter Unit
- Filter Media Cartridge (Activated Carbon and Zeolite)
- Spray Bar
- Mounting Suction Cups/Brackets
- User Manual (this document)

SETUP INSTRUCTIONS

1. **Unpack the Filter:** Carefully remove all components from the packaging.
2. **Install Filter Media:** Open the filter casing and insert the provided filter media cartridge. Ensure it is seated correctly. The SuperFish Crystal Clear filter media combines activated carbon and zeolite for effective water purification.
3. **Attach Spray Bar (Optional):** If desired, attach the spray bar to the filter outlet. The spray bar helps distribute filtered water more evenly and enhances oxygenation.
4. **Position the Filter:** Place the filter inside the aquarium, ideally in a corner. Use the provided suction cups or mounting brackets to secure it firmly to the aquarium glass. Ensure the filter is fully submerged and the water level is above the minimum operating line indicated on the unit.



Image 1: Superfish Corner-Flow 400 Internal Filter unit. This image shows the filter's main body, intake grilles,

outlet, and flow adjustment switch.

5. **Heater Integration (Optional):** If you are using an optional aquarium heater, insert it into the designated space within the filter unit. This keeps the heater neatly concealed and integrated with the filter.
6. **Connect to Power:** Once the filter is securely installed and fully submerged, connect the power plug to a suitable electrical outlet.

OPERATING INSTRUCTIONS

1. **Initial Start-up:** After plugging in, the filter will begin to operate immediately. Ensure water is flowing smoothly from the outlet.
2. **Adjusting Flow Rate:** The Superfish Corner-Flow 400 features an adjustable flow switch. Locate the switch on the filter unit and slide it to increase or decrease the water flow rate (200-400 L/h). A lower flow rate is recommended for smaller or more sensitive fish, while a higher flow rate enhances oxygenation and circulation.

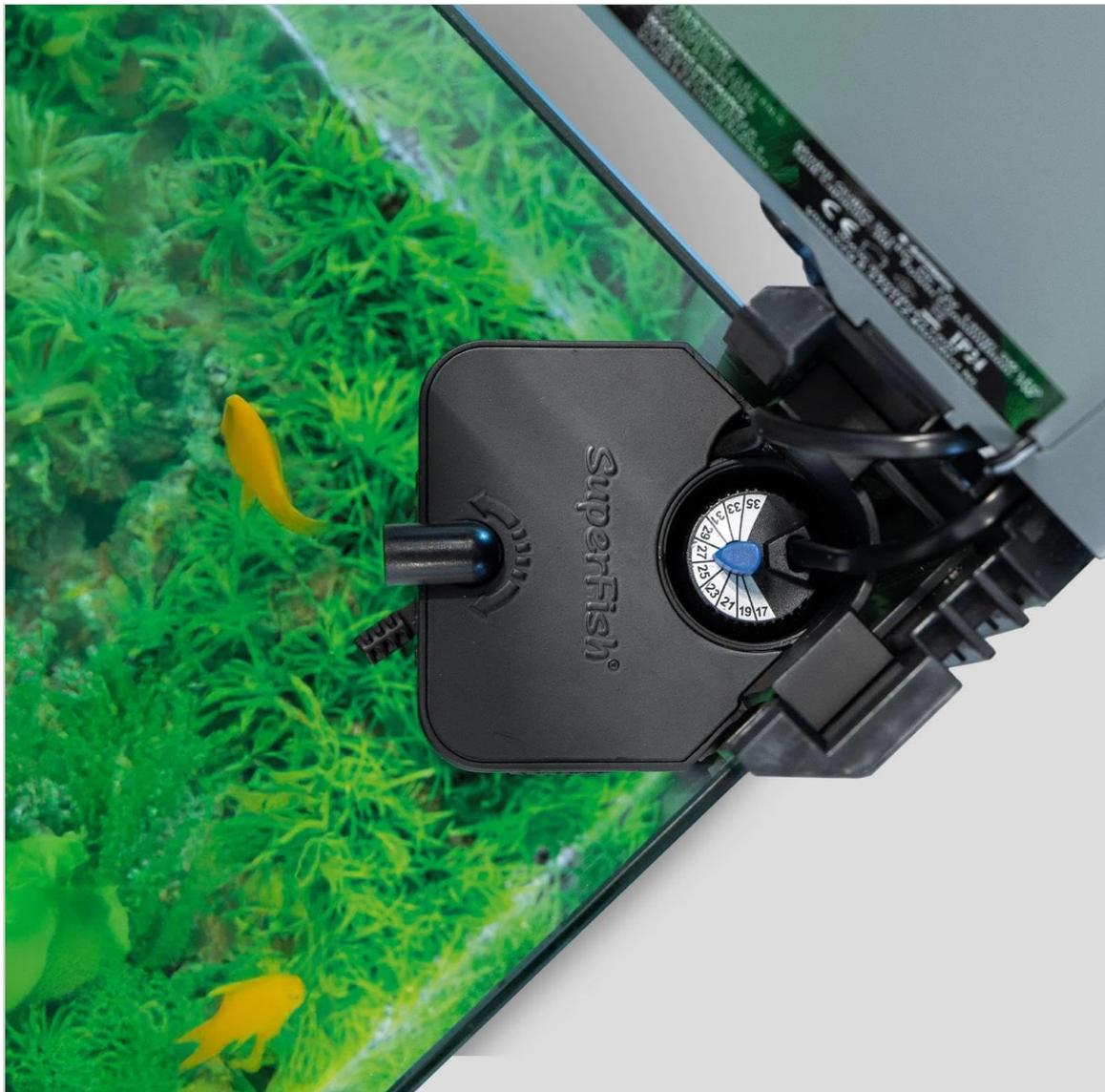


Image 2: Superfish Corner-Flow 400 installed in an aquarium, viewed from above. This image illustrates the filter's placement in a corner, showing the top part with the flow adjustment dial and the spray bar.

3. **Monitoring Performance:** Regularly check the water clarity and the filter's output. Reduced flow or cloudy water may indicate that the filter media needs cleaning or replacement.

MAINTENANCE

Regular maintenance is crucial for the longevity and efficiency of your filter and the health of your aquarium.

- 1. Weekly Check:** Visually inspect the filter for any blockages in the intake grilles. The fine intake grilles and sponges are designed to prevent small fish and shrimp from entering, but they can accumulate debris.
- 2. Monthly Cleaning (or as needed):**
 - Disconnect the filter from the power supply.
 - Carefully remove the filter from the aquarium.
 - Open the filter casing and remove the filter media cartridge.
 - Rinse the filter sponges and other mechanical filter components in old aquarium water (from a water change) to preserve beneficial bacteria. Do not use tap water directly, as chlorine can kill these bacteria.
 - Clean the impeller and impeller housing. Remove any debris or algae that may have accumulated.
 - Reassemble the filter and place it back into the aquarium.
 - Reconnect to power.
- 3. Filter Media Replacement:** The activated carbon and zeolite in the filter cartridge will become saturated over time. Replace the filter media cartridge every 2-4 weeks, or as indicated by reduced filtration performance. Always replace with genuine Superfish replacement media.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Filter not starting or weak flow	Not plugged in Impeller blocked or dirty Intake grilles clogged Filter not fully submerged	Check power connection Clean impeller and housing Clean intake grilles Ensure filter is fully submerged
Noisy operation	Impeller dirty or damaged Air trapped in filter Filter not securely mounted	Clean or replace impeller Gently shake filter to release air Re-secure filter with suction cups
Water remains cloudy	Filter media saturated or dirty Filter too small for aquarium Overfeeding or overstocking	Clean or replace filter media Consider additional filtration or larger filter Adjust feeding habits and fish population

SPECIFICATIONS

- **Model:** Superfish Corner-Flow 400 (A7031220)
- **Dimensions (L x H x D):** 9 x 26.5 x 10 cm
- **Suitable for Aquariums:** Up to 200 Liters

- **Flow Rate:** 200-400 L/h (adjustable)
- **Power Consumption:** 6 W
- **Color:** Black
- **Integrated Heater Space:** Yes (heater not included)

WARRANTY AND SUPPORT

The Superfish Corner-Flow 400 filter comes with a 2-year manufacturer's warranty. For detailed warranty terms and conditions, please refer to the official Superfish website or contact your retailer.

For technical support, troubleshooting assistance, or to purchase replacement parts, please contact Superfish customer service or your local authorized dealer. Keep your proof of purchase for warranty claims.