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Fluval Evo XII

Fluval Evo XII Saltwater Aquarium Kit - 13.5 Gallon Instruction Manual

Brand: Fluval | Model: Evo XII (10531A1)

PRODUCT OVERVIEW

The Fluval Sea EVO Fish Aquarium is a compact saltwater aquarium kit designed to provide optimal conditions for healthy coral growth and fish. It features a super bright 14000 K LED light and a powerful 3-stage water filtration system.



Image: The Fluval Evo XII 13.5 Gallon Saltwater Aquarium Kit, showcasing live coral and clownfish in a vibrant reef environment.

Key Features

- **13.5 Gallon Glass Aquarium:** Designed for saltwater fish and reef environments.
- **Stylish Honeycomb Design:** Conceals the rear aquarium filter compartment and water line for a

modern aesthetic.

- **Powerful 3-Stage Filtration:** Includes oversized mechanical, chemical, and biological Fluval filter media for superior water quality.
- **Multifunctional Canopy:** Features an easy feed door for convenient feeding.
- **Sleek, All-Aluminum Waterproof Casing:** Durable and aesthetically pleasing.
- **Convenient LED Aquarium Light:** Touch-start day & night illumination with 14000 K reef-capable LED for optimal coral growth and color.

SETUP INSTRUCTIONS

Follow these steps to set up your Fluval Evo XII aquarium kit. For a visual guide, refer to the video below.

Video: Guided saltwater aquarium introduction for beginners. This video provides a step-by-step visual guide to setting up a saltwater aquarium.

1. **Placement:** Choose a stable, level surface away from direct sunlight and drafts. Ensure the location can support the weight of the filled aquarium (approximately 130 lbs).
2. **Rinse Components:** Thoroughly rinse the aquarium, filter media, and any decorations with fresh water. Do not use soap or detergents.
3. **Install Filter Media:**
 - **Mechanical Filtration (Foam):** Place the foam filter block into the designated compartment in the rear filtration area.
 - **Chemical Filtration (Activated Carbon):** Remove the protective plastic bag and rinse the carbon insert thoroughly. Place it into the top section of the foam block. Replace every 2-4 weeks.
 - **Biological Filtration (BioMax):** Remove the protective plastic bag and rinse the BioMax insert thoroughly. Place it into the bottom section of the foam filter block. Replace every 2-3 months.

MULTI-STAGE FILTRATION

Powerful 3-stage filtration with oversized **1** Mechanical, **2** Chemical, and **3** Biological media for optimal water quality.

CRYSTAL CLEAR WATER CONDITIONS



FOAM
Mechanical



CARBON
Chemical



BIOMAX
Biological

FREE MEDIA INCLUDED



Image: Diagram illustrating the three stages of filtration: mechanical foam, chemical carbon, and biological BioMax media.

- Add Substrate and Decorations:** Add your chosen substrate (sand or gravel) and any decorations. Ensure decorations are aquarium-safe and do not have sharp edges.
- Fill with Saltwater:** Carefully fill the aquarium with pre-mixed saltwater or mix your own using aquarium-grade salt. Ensure the water temperature and salinity are appropriate for your desired inhabitants.
- Install Pump and Heater:** Place the circulation pump in its designated compartment. If using a submersible heater (sold separately), install it in the rear filtration area as recommended by the manufacturer.
- Connect LED Lighting:** Attach the LED light to the aquarium. Plug in the pump and LED light.
- Cycling the Aquarium:** Allow the aquarium to cycle for several weeks before introducing any livestock. This establishes beneficial bacteria necessary for a healthy ecosystem.

OPERATING INSTRUCTIONS

LED Lighting

The integrated LED lighting system features touch-start day and night illumination. The 14000 K LED is designed to support reef-capable environments, promoting strong coral growth and enhancing fish colors.

LED LIGHTING

Powerful energy efficient LED lighting is specifically designed to bring out strong coral growth and fish colors.

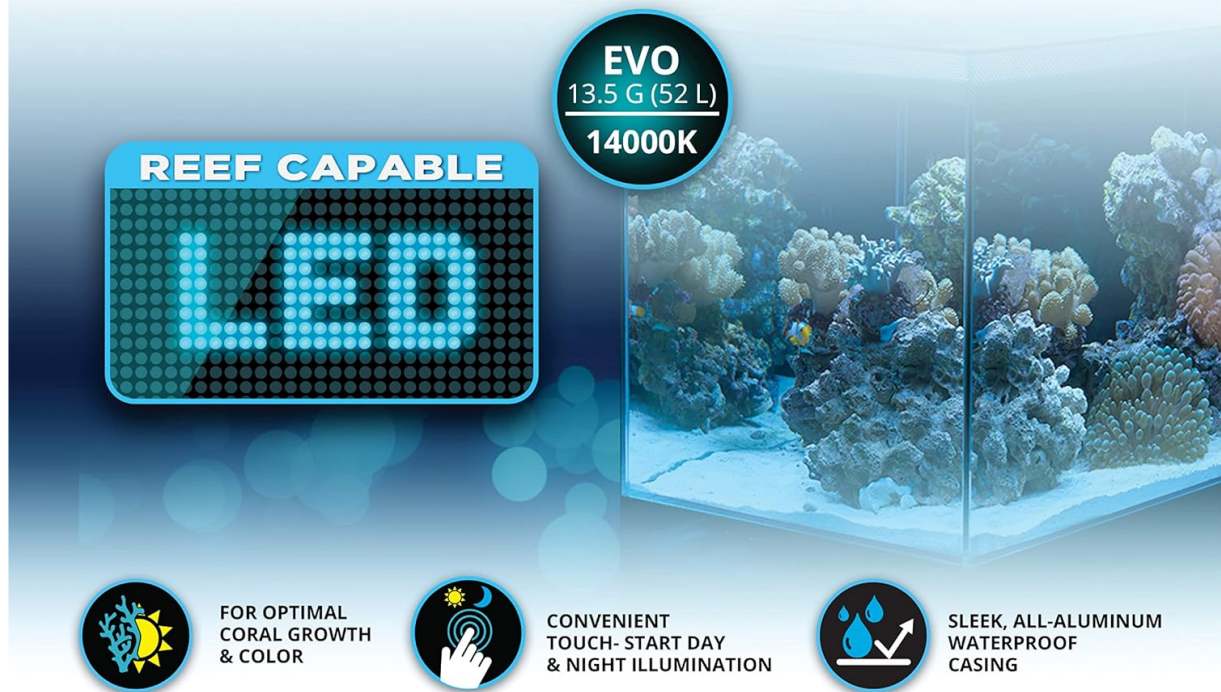


Image: Features of the Fluval Evo XII LED lighting, highlighting its reef-capable 14000K output for optimal coral growth and color, convenient touch-start day/night illumination, and sleek aluminum casing.

Filtration System

The powerful 3-stage filtration system continuously processes water through mechanical, chemical, and biological media to maintain crystal clear and healthy water conditions. The circulation pump ensures adequate water flow throughout the aquarium.

Feeding

Utilize the multifunctional canopy's easy feed door for convenient and mess-free feeding of your aquarium inhabitants.

EXPERIENCE THE CONVENIENCE



Image: Features illustrating the convenience of the Fluval Evo XII, including an easy feed opening, multi-directional dual outputs for customized water flow, and full access to the rear chamber for maintenance.

MAINTENANCE

Regular maintenance is crucial for the health and longevity of your saltwater aquarium. Adhere to the following guidelines:

- **Filter Media Replacement:**
 - Replace Activated Carbon insert every 2-4 weeks.
 - Replace BioMax media every 2-3 months.
 - Rinse foam filter block regularly to remove debris.
- **Water Changes:** Perform regular partial water changes (e.g., 10-20% weekly) to maintain water quality and replenish essential elements.
- **Cleaning:** Clean the aquarium glass regularly to prevent algae buildup. Ensure all equipment is free from debris and blockages.
- **Temperature Monitoring:** Regularly check water temperature to ensure it remains stable and within the appropriate range for your livestock.

TROUBLESHOOTING

If you encounter issues with your aquarium, consider the following common solutions:

- **Cloudy Water:** Check filter media for clogging or exhaustion. Perform a partial water change. Ensure proper cycling.
- **Poor Water Flow:** Inspect the circulation pump for blockages or debris. Clean the pump impeller if necessary.
- **Unstable Temperature:** Verify the heater is functioning correctly. Ensure it is adequately sized for the tank volume. Avoid placing the aquarium in areas with extreme temperature fluctuations.
- **Algae Growth:** Reduce lighting duration, perform water changes, and ensure proper nutrient export through filtration.

PRODUCT SPECIFICATIONS

Feature	Specification
Tank Volume	13.5 US Gallons (52 L)
Product Dimensions (L x W x H)	22 x 11.5 x 15 inches (56 x 29 x 38 cm)
Item Weight	28 Pounds
LED Wattage	16 W
LED Lumens	1383 lm
LED Color Temperature	14000 K
Pump Output	132 US GPH (500 LPH)
Material	Glass
Color	Black
Model Number	10531A1



EVO 13.5 US Gal / 52 L

COLOR	Black
UPC	015561105316
AQUARIUM CAPACITY	13.5 US Gal (52 L)
WATTAGE	16W
LUX	1383 lm
COLOR TEMP.	14000K
LEDs	31
PUMP OUTPUT	132 US GPH (500 LPH)
DIMENSIONS (L x W x H)	22" L x 15" W x 11" H (56 x 38 x 29 cm)

Image: Detailed specifications table for the Fluval Evo XII 13.5 US Gallon / 52 L aquarium kit.

WARRANTY AND SUPPORT

The Fluval Evo XII Saltwater Aquarium Kit is covered by a 2-year limited warranty from the manufacturer, Rolf C. Hagen (USA) Corp. For warranty claims or technical support, please refer to the contact information provided in your product packaging or visit the official Fluval website.

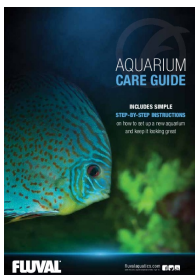
Additional Fluval products and accessories, such as submersible heaters and protein skimmers, are available separately to enhance your aquarium experience.

SEAMLESS INTEGRATION



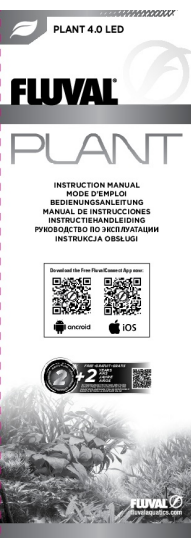
Image: Illustration of the Fluval Evo XII's seamless integration with separately sold accessories like the M Series Submersible Heater and PS2 Mini Protein Skimmer, showing how they fit into the rear filtration chamber.

Related Documents - Evo XII

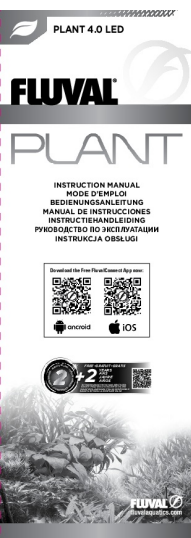


[Fluval Aquarium Care Guide: Setup, Maintenance, and Fish Keeping](#)

A comprehensive guide from Fluval on setting up, maintaining, and enjoying a healthy aquarium. Covers essential equipment, plant care, water quality, fish introduction, feeding, disease prevention, and algae control.



Comprehensive instructions for the Fluval E Series electronic aquarium heater, covering setup, operation, safety guidelines, maintenance, error codes, and warranty registration. Features VueTECH technology for precise aquarium temperature control.



Comprehensive instruction manual for the Fluval Plant 4.0 LED aquarium light, covering installation, operation, maintenance, troubleshooting, specifications, warranty, and safety instructions.



Comprehensive instruction manual for Fluval Vicenza and Venezia aquarium kits, covering setup, installation of filters and heaters, decoration, lighting, and maintenance. Includes safety guidelines and technical specifications.



Comprehensive instruction manual for the Fluval Aquasky 3.0 LED aquarium lighting system. Learn about installation, maintenance, troubleshooting, and warranty information.

This manual provides detailed instructions for setting up, installing, operating, and maintaining the Fluval Beta Premium Aquarium Kit. It includes safety precautions, component lists, step-by-step installation guides, water change procedures, maintenance schedules, technical specifications, and warranty information.