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AQQA GCA-AQ145

AQQA 3.7 Gallon Aquarium Starter Kit Instruction Manual

Model: GCA-AQ145

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your AQQA 3.7 Gallon Aquarium Starter Kit, model GCA-AQ145. This kit is designed to be user-friendly, combining filtration, water circulation, oxygenation, LED lighting, and a water temperature display. Please read this manual thoroughly before use to ensure proper functioning and longevity of your aquarium.



Image: The AQQA 3.7 Gallon Aquarium Starter Kit, fully assembled with fish and plants.

PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- 3.7 Gallon Glass Aquarium Tank
- Integrated Lid with LED Lighting System
- Built-in 3-in-1 Filter System (pump, sponge filter box)
- Water Temperature Display (LCD)
- Temperature Probe
- Water Change Hose
- Power Adapter
- Aroma Disk Holder (aroma disk not included)

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Placement:** Choose a stable, level surface away from direct sunlight, heat sources, and drafts. Ensure the surface can support the weight of the filled aquarium (approximately 12.03 lbs empty, plus water and decorations).
3. **Rinsing:** Rinse the tank, filter components, and any decorations thoroughly with clean water. *Do not use soap or detergents.*
4. **Substrate and Decorations:** Add your chosen substrate (gravel, sand) and decorations to the tank.
5. **Filter Assembly:** The 3-in-1 filter system is largely pre-assembled. Ensure the sponge filter box is correctly seated and the hidden water pump is securely in place. The black cable connects to the light, and the white cable connects to the pump.
6. **Water Filling:** Slowly fill the tank with dechlorinated water, leaving about 1 inch of space from the top.
7. **Temperature Probe:** Ensure the temperature probe is submerged in the water. The LCD display on the lid will show the current water temperature.
8. **Power Connection:** Connect the power adapter to the aquarium and then plug it into a suitable electrical outlet.
9. **Initial Filter Operation:** Press the water pump switch to start the filtration and oxygenation.
10. **Lighting:** Press the light switch to turn on the LED lights. Adjust colors and modes as desired (see Operating Instructions).



Image: Detailed diagram illustrating the 3-in-1 filter system components, including the sponge filter box, hidden water pump, adjustable air valve, and air outlet for aeration.



Image: Close-up of the aquarium lid showing the digital temperature display, temperature probe, and control buttons for the water pump, light, and aroma functions.

OPERATING INSTRUCTIONS

LED Lighting System

- **Power On/Off:** Short press the light switch button to cycle through colors. Long press to turn off the light.
- **Color Adjustment:** The system offers 7 single-color options (White, Green, Red, Purple, Agate Green, Blue, Yellow) and 3 cycling modes (Slow Fade, Quick Switch, Static Mode). Short press the light switch to change colors and modes.

3-in-1 Filter System

- **Activation:** Press the water pump switch button to activate the filtration, oxygenation, and water circulation.
- **Temperature Unit Toggle:** To toggle between Fahrenheit (°F) and Celsius (°C) on the temperature display, press the water pump button 4 times within 10 seconds of powering on the unit.

Temperature Display

The integrated LCD display shows the current water temperature. This feature is for monitoring only and does not heat the water. An external heater may be required depending on your fish species and ambient room temperature.

Feeding Hole

Use the convenient feeding hole on the lid to feed your fish without removing the entire cover.

Aromatherapy Feature

The lid includes a space for an aroma disk holder. You can add your preferred fragrance blocks (not included) to enhance the ambiance of your space. Press the aroma switch to activate this feature.

USB Output Port

A USB port is integrated into the lid for output, allowing you to charge small devices or power other USB accessories.



Image: Visual representation of the 7 adjustable light colors and 3 lighting cycle modes available on the AQQA aquarium, with instructions for short and long presses of the light button.



Image: Four detailed views highlighting key features: the aroma disk holder, the feeding hole, the USB output port, and the black and white cable connections for the light and pump.

MAINTENANCE

Regular Cleaning

- **Filter Media:** Periodically rinse the sponge filter media with old aquarium water (from a water change) to remove accumulated debris. Replace filter media as needed, typically every 2-4 weeks, to maintain optimal filtration.
- **Tank Walls:** Use an aquarium-safe scraper or magnet cleaner to remove algae from the glass walls.
- **Lid and Components:** Wipe down the lid and external components with a damp cloth. Ensure no water enters electrical connections.

Water Changes

Regular water changes are crucial for maintaining water quality. The AQQA aquarium features an easy water change system:

1. Connect the provided water change hose to the designated port on the pump.
2. Place the other end of the hose into a bucket or drain.
3. Activate the pump by pressing the water pump switch. The pump will draw water out of the tank.
4. Once the desired amount of water is removed (typically 25-50% weekly), turn off the pump.
5. Refill the tank with dechlorinated water of a similar temperature.



Image: Three-step visual guide demonstrating how to perform an automatic water change using the integrated pump and hose, showing the hose connection and water being drained into a bucket.

TROUBLESHOOTING AND IMPORTANT CONSIDERATIONS

- **Fish Getting Stuck in Filter:** Some users have reported small fish, particularly Betta fish or shrimp, getting stuck in the filter box. It is recommended to add a fine mesh or sponge over the filter intake slots to prevent this, especially for smaller or slow-moving species.
- **Filter Flow Too Strong:** If the water flow from the filter is too strong for your fish, consider adding decorations or plants to break up the current, or explore methods to baffle the outflow.
- **Betta Fish Suitability:** The highly reflective glass of this tank may cause stress to Betta fish, as they may perceive their reflection as another male Betta. Additionally, the filter flow might be too strong for their long fins. Consider these factors when choosing fish species.
- **Excessive Bubbles from Filter:** If the filter produces too many bubbles, ensure all components are correctly assembled and the water level is adequate. Disassemble and clean the pump and air outlet if necessary.
- **Filter Motor Malfunction:** If the filter motor stops working, first check the power connection. If the issue persists, the motor may require replacement.
- **Temperature Display Inaccurate:** Ensure the temperature probe is fully submerged in the water. The display monitors temperature but does not heat the water; an external heater is necessary for temperature control.



Image: Guide to suggested fish species based on size and recommended quantity for the 3.7-gallon tank, along with the physical dimensions of the aquarium.

SPECIFICATIONS

Brand	AQQA
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Model Number	GCA-AQ145
Tank Volume	3.7 Gallons (14 Liters)
Material	Glass
Shape	Rectangular
Color	Black
Item Weight (Empty)	12.03 pounds
Item Package Dimensions (L x W x H)	15.2 x 14.1 x 12 inches
Special Feature	Self-Cleaning (via integrated pump for water changes)
Lighting	7-Color LED with 3 Cycling Modes
Filter Type	Built-in 3-in-1 (Filtration, Oxygenation, Circulation)
Temperature Display	Integrated LCD (monitoring only, no heating)





WARRANTY AND SUPPORT


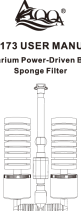


For specific warranty information and customer support, please refer to the documentation included with your purchase or contact AQQA customer service directly. Keep your proof of purchase for warranty claims. You can often find contact information on the manufacturer's website or through the retailer where the product was purchased.



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Related Documents - GCA-AQ145

 MINI DESKTOP FISH TANK USER MANUAL AQ030  <small>Thank you for choosing AQQA products. The AQ030 mini desktop fish tank is an all-in-one fish keeping tank for desktop use in home, office, or school. ATTENTION: Gravel, fish, plants and decor are not included.</small>	AQQA AQ030 Mini Desktop Fish Tank User Manual User manual for the AQQA AQ030 mini desktop fish tank, detailing product features, setup instructions, troubleshooting, maintenance, specifications, cautions, and warranty information.
 AQ153 USER MANUAL AQQA Aquarium Air-driven Biochemical Sponge Filter  <small>This filter is driven by an air pump (not included in the package) and features high flow rate and large capacity. It is designed to be used with AQQA aquariums. The filter is made of high-quality materials and is easy to clean. It is recommended to clean the filter regularly to maintain its performance. The filter is not suitable for use with fish, plants, and other aquarium decorations.</small>	AQQA AQ153 Aquarium Air-Driven Biochemical Sponge Filter User Manual User manual for the AQQA AQ153 Aquarium Air-Driven Biochemical Sponge Filter, detailing product features, specifications, assembly instructions, warranty information, and disposal guidelines.

<div><p>AQ155 USER MANUAL AQQA Internal Filter</p><p><small>This AQQA Internal Filter is designed with an elegant circular structure and a hood with a patented system that creates a strong magnetic field, creating an electromagnetic field. A special design is provided to filter out all the impurities and maintain clean water. It is designed to provide the best filtering efficiency. The hood has a rotating cover on the water container with the hood and, providing a safe, effective, and easy-to-use design with a simple and elegant structure.</small></p></div>	<p>AQQA AQ155 Internal Filter User Manual</p> <p>User manual for the AQQA AQ155 Internal Filter, detailing product features, installation, usage, specifications, safety precautions, and warranty information.</p>
<div><p>AQ173 USER MANUAL AQQA Aquarium Power-Driven Biochemical Sponge Filter</p><p><small>The AQQA Aquarium power-driven biochemical sponge filter is a type of hanging filter that is ideal for all types of aquarium tanks and fish species.</small></p></div>	<p>AQQA AQ173 Aquarium Power-Driven Biochemical Sponge Filter User Manual</p> <p>User manual for the AQQA AQ173 Aquarium Power-Driven Biochemical Sponge Filter, detailing product features, specifications, diagrams, safety precautions, and warranty information.</p>
<div><p>AQ157 USER MANUAL AQQA DC Multifunctional Electric Gravel Cleaner</p><p><small>AQQA DC Electric Aquarium Gravel Cleaner is a multifunctional cleaning tool that is ideal for all types of aquarium tanks. It is designed to provide the best cleaning efficiency. The tool has a rotating cover on the water container with the hood and, providing a safe, effective, and easy-to-use design with a simple and elegant structure.</small></p></div>	<p>AQQA AQ157 User Manual: Multifunctional Electric Gravel Cleaner</p> <p>User manual for the AQQA AQ157 DC Multifunctional Electric Gravel Cleaner, detailing its 6-in-1 features for aquarium maintenance, including gravel cleaning, water changes, and filtration. Covers specifications, assembly, operation, troubleshooting, safety, and warranty.</p>
<div><p>AQ150 USER MANUAL AQQA External Filter</p><p><small>For the safe and proper operation of the filter, please read the user manual carefully.</small></p></div>	<p>AQQA AQ150 External Filter User Manual - Installation, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the AQQA AQ150 External Filter. Includes installation guides, operating instructions, maintenance tips, troubleshooting solutions, and warranty information for aquarium enthusiasts.</p>