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› Tetra Bubbling LED Aquarium Kit 1 Gallon (Model 29040-00) Instruction Manual

Tetra 29040-00

Tetra Bubbling LED Aquarium Kit 1 Gallon (Model 29040-00) Instruction Manual

Your guide to setting up, operating, and maintaining your Tetra aquarium kit.

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1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Tetra Bubbling LED Aquarium Kit 1 Gallon, Model 29040-00. This kit is designed to provide a compact and engaging aquatic environment, suitable for small fish.



1-GALLON HEXAGON AQUARIUM

User-friendly features make this kit perfect for beginners

Small size allows you to set up a beautiful aquarium in any space

Hexagon shape provides multiple viewing angles

Image: Tetra Success Made Easy banner, illustrating the brand's commitment to accessible fishkeeping.

2. IMPORTANT SAFETY INFORMATION

WARNING: To avoid injury, basic safety precautions should be observed, including the following:

- Read and follow all safety instructions and all important notices on the appliance before using. Failure to do so may result in loss of fish life or damage to the product.
- Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or has been dropped or damaged in any manner.
- To avoid the possibility of the appliance plug or receptacle getting wet, position the aquarium stand and tank to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug.
- A "drip loop" should be arranged by the user for each cord connecting an aquarium appliance to a receptacle. The drip loop is the part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water from traveling along the cord and coming into contact with the receptacle.
- Always unplug the appliance from the outlet when not in use, before putting on or taking off parts, and before cleaning. Never yank cord to pull plug from outlet. Grasp the plug and pull to disconnect.
- Close supervision is necessary when any appliance is used by or near children.
- This appliance is intended for household use only.
- Do not use the appliance for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
- Do not install or store the appliance where it will be exposed to the weather or to temperatures below freezing.
- Ensure the aquarium is placed on a sturdy, level surface capable of supporting the full weight of the filled tank.
- Children should be supervised to ensure they do not play with the appliance.

3. PACKAGE CONTENTS

Your Tetra Bubbling LED Aquarium Kit includes the following components:

- Hexagon Aquarium Tank (1 Gallon, Acrylic)
- Tetra Air Pump
- Tetra Internal Filter
- Small Filter Cartridge
- LED Airstone
- Airline Tubing
- Airline Connector Valve
- Clear Canopy with Feeding Hole



Image: Unboxed components of the Tetra Bubbling LED Aquarium Kit.

4. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging. Inspect for any damage.
2. **Rinse Tank and Decorations:** Rinse the aquarium tank and any gravel or decorations (not included) thoroughly with clean water. Do not use soap or detergents.
3. **Position the Tank:** Place the aquarium on a flat, sturdy surface away from direct sunlight, heat sources, and drafts. Ensure the surface can support the weight of the filled tank (approximately 8-10 lbs when full).
4. **Install Filter Cartridge:** Open the internal filter and insert the small filter cartridge. Ensure it is seated correctly.
5. **Connect Air Pump and Tubing:**
 - Connect one end of the airline tubing to the air pump outlet.
 - Connect the other end of the airline tubing to the airline connector valve.
 - From the airline connector valve, connect one short piece of tubing to the internal filter's air intake.
 - Connect another short piece of tubing from the airline connector valve to the LED airstone.
6. **Place Components in Tank:**
 - Place the LED airstone at the bottom center of the tank.
 - Position the internal filter inside the tank, typically on a side wall, ensuring the intake is submerged and the outflow is above the water line.
 - Route the airline tubing neatly.
7. **Add Substrate and Water:**
 - Add rinsed gravel (not included) to the bottom of the tank, covering the base of the LED airstone.
 - Carefully fill the tank with dechlorinated water, leaving about an inch of space from the top. Use a plate or plastic bag to disperse the water flow and avoid disturbing the substrate.
8. **Install Canopy:** Place the clear canopy on top of the aquarium. Ensure the cutouts align with the filter and tubing.
9. **Connect Power:** Plug the air pump into a grounded electrical outlet. Ensure a drip loop is formed for all cords.



Image: A fully set up Tetra Bubbling LED Aquarium Kit.

5. OPERATION

5.1 Air Pump and Filtration

Once the air pump is plugged in, it will simultaneously power the internal filter and the LED airstone. The internal filter will begin drawing water through the filter cartridge, providing mechanical and chemical filtration. The LED airstone will produce bubbles and illuminate the tank.

5.2 LED Bubbling Disc

The LED airstone automatically cycles through a spectrum of colors (red, green, blue, and combinations), creating a dynamic and visually appealing effect within the aquarium. There are no manual controls for color selection; the color-changing sequence is automatic.



Image: The LED airstone in operation, displaying its color-changing feature and bubble output.

6. MAINTENANCE

6.1 Water Changes

Perform regular partial water changes (25% weekly) to maintain water quality. Use a gravel vacuum to remove debris from the substrate while siphoning water. Always use dechlorinated water when refilling the tank.

6.2 Filter Cartridge Replacement

The small filter cartridge should be replaced approximately every 2-4 weeks, or sooner if water flow is significantly reduced or the cartridge appears heavily soiled. Refer to the filter cartridge packaging for specific instructions. Do not rinse the old cartridge in tank water as this releases trapped debris back into the aquarium.

6.3 Cleaning the Tank

Wipe the inside and outside of the acrylic tank with a soft, clean cloth or an aquarium-safe cleaning pad. Avoid abrasive materials that can scratch the acrylic. For stubborn algae, use an algae scraper designed for acrylic aquariums.

6.4 Air Pump and Tubing

Periodically check the airline tubing for kinks or blockages. Ensure the air pump is free from dust and debris to maintain optimal performance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No bubbles or weak bubbles from airstone.	Air pump unplugged or not functioning. Kinked or blocked airline tubing. Airstone clogged. Airline connector valve improperly adjusted.	Check power connection to air pump. Inspect tubing for obstructions or damage. Clear or replace as needed. Clean or replace the LED airstone. Adjust the airline connector valve to balance air flow between the filter and airstone.
Filter not producing adequate flow.	Filter cartridge clogged. Air pump not functioning or weak. Airline tubing to filter kinked or blocked. Airline connector valve improperly adjusted.	Replace filter cartridge. Check air pump power and function. Inspect tubing for obstructions. Adjust the airline connector valve to balance air flow.
Air pump is noisy or vibrating excessively.	Pump not on a stable surface. Pump vibrating against a hard surface.	Place the air pump on a soft mat or towel to absorb vibrations. Ensure the pump is not touching other objects that could amplify noise.
LED light not working.	LED airstone disconnected or faulty. Air pump not providing power (as LED is integrated with airstone).	Check connection to airstone. Ensure air pump is functioning correctly. If problem persists, the LED airstone may need replacement.

8. SPECIFICATIONS

Feature	Detail
Model Number	29040-00
Tank Volume	1 Gallon
Tank Dimensions (L x W x H)	6.75" x 7.69" x 8.31" (17.15 cm x 19.53 cm x 21.11 cm)
Shape	Hexagonal
Material	Acrylic
Item Weight (empty)	1 Pound (0.45 kg)
Lighting	Color-changing LED (integrated with airstone)
Filtration	Air pump-driven internal power filter



Image: Dimensions of the Tetra Bubbling LED Aquarium Kit.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

For detailed warranty information, please refer to the product packaging or the official Tetra website. The warranty typically covers defects in materials and workmanship under normal use.

9.2 Customer Support

If you have questions, require assistance with setup, or need to troubleshoot an issue not covered in this manual, please contact Tetra customer support. Contact information can usually be found on the product packaging or the official Tetra website.

You can also visit the official Tetra store for more information and products: [Tetra Official Store](#)

