

hygger HG

hygger Aquarium UV Light with Timer (Model HG) Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your hygger Aquarium UV Light with Timer, Model HG. This device is designed to enhance water clarity and promote a healthier aquatic environment by treating green water and controlling algae in both freshwater and saltwater aquariums.

2. IMPORTANT SAFETY INFORMATION

WARNING: Ultraviolet (UV-C) light can be harmful to eyes and skin. Never look directly at the UV bulb when it is illuminated. Ensure the protective shield is properly engaged when the device is placed directly in the aquarium with fish or other living organisms.

- Always unplug the device from the power outlet before performing any maintenance, cleaning, or handling the unit.
- Do not operate the UV light if the quartz glass tube is broken or damaged.
- Keep the device out of reach of children.
- This device is designed for submersible use only within an aquarium or filter system. It is not waterproof for external use.
- Ensure the power cord is not damaged or pinched.
- Avoid placing the device in areas where fish may directly contact the open UV light if using in high-efficiency mode within the main tank.

3. PACKAGE CONTENTS

- 1x hygger Aquarium UV Light with Timer (Model HG)
- 2x Suction Cups
- 1x User Manual

4. PRODUCT FEATURES

- **Enhanced Clarity and Health:** Utilizes 254nm wavelength UV-C light for effective treatment of green water and algae, promoting a safe and clear environment for aquatic life.
- **4 Modes Timing and Memory:** Features a user-friendly timer with 3H, 6H, 12H, and 24H settings. The device remembers the last selected timing, automatically managing the on/off cycle.
- **360° Protective Shield:** Equipped with an adjustable 360° annular cover structure to prevent direct exposure of UV-C light to fish and users, ensuring safety.
- **Healthy Mode:** When the protective shield is closed, the device can be placed directly in the fish tank. This mode minimizes direct UV exposure to tank inhabitants.
- **High Efficiency Mode:** When the protective shield is open, the device is suitable for placement in filter tanks, allowing for maximum UV-C exposure to circulating water.
- **Compact Design:** Small size (1.85"D x 1.85"W x 4.57"H) allows for versatile placement in various aquarium setups.

5. SETUP AND INSTALLATION

1. **Attach Suction Cups:** Secure the two provided suction cups to the back of the UV light unit.
2. **Choose Placement:** Determine the optimal location for your UV light based on your aquarium setup and desired mode of operation.
 - **In-Tank Placement (Healthy Mode):** If placing directly inside the main aquarium, ensure the 360° protective shield is fully closed to prevent direct UV exposure to fish. Attach the unit to the inner glass wall using the suction cups, avoiding high-traffic areas for fish.
 - **In-Filter Placement (High Efficiency Mode):** If placing within a filter compartment (e.g., bottom filter, back filter, external filter, upper filter), you may open the 360° protective shield for maximum water treatment efficiency. Ensure the UV light is fully submerged and securely positioned within the filter.
3. **Connect to Power:** Plug the power adapter into a suitable electrical outlet.

hygger Aquarium Clean Light with Timer Controller



Image: hygger Aquarium UV Light with Timer, showing the main unit with attached suction cups and the inline timer controller.

Installation Location Scenario



Place in the fish tank



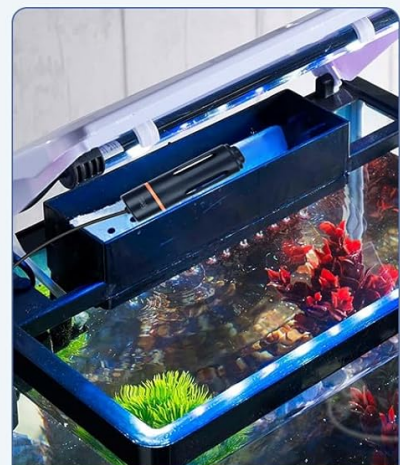
Place in the bottom filter



Place in the back filter



Place in the external filter



Place in the upper filter

⚠ Tip: Avoid Installing UV Light in Fish Swimming Area

Image: Examples of installation locations, including in-tank, bottom filter, back filter, external filter, and upper filter setups.

Your browser does not support the video tag.

Video: Official hygger video demonstrating the installation and timer functions of the Aquarium Clean Light.

6. OPERATING INSTRUCTIONS

- Power On:** Once plugged in, the device will be in standby mode. Press the power button on the inline controller to turn it on.
- Select Timer Setting:** Repeatedly press the power button to cycle through the available timer settings: 3 hours, 6 hours, 12 hours, or 24 hours. An indicator light will illuminate next to the selected duration.
- Memory Function:** The device will remember your last selected timer setting. When powered on again, it will automatically resume the previously set cycle.
- Adjust Protective Shield:** Depending on your installation, adjust the 360° protective shield:
 - Healthy Mode (Shield Closed):** Rotate the bottom ring of the unit to fully close the shield, ensuring no direct UV light escapes. This is recommended for in-tank placement with fish.
 - High Efficiency Mode (Shield Open):** Rotate the bottom ring to open the shield, exposing the UV bulb. This mode is for placement within a filter system where fish cannot directly access the light.

Professional UV Light

99.99% sterilization rate.
Improves Water Clarity

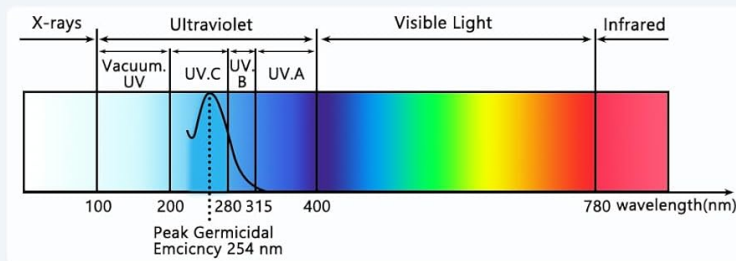


Image: The inline timer controller, illustrating the power button and the four timing options (3, 6, 12, 24 hours).



Image: Visual representation of the 360° adjustable protective shield, highlighting its open and closed positions.



360° Protective Shield

Adjustable 360° annular cover structure

Image: Illustrates the difference between Healthy Mode (protective shield closed, placed in fish tank) and High Efficiency Mode (protective shield open, placed in filter tank).

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your UV light.

- Cleaning the Quartz Glass Lamp Tube:** Over time, mineral deposits or algae may accumulate on the quartz glass tube, reducing UV-C penetration.
 - Unplug the device and carefully remove it from the aquarium or filter.
 - Unscrew the light shield and gently remove the quartz glass lamp tube.
 - Wipe the quartz glass tube with a soft, damp cloth or paper towel. For stubborn deposits, a mild vinegar solution can be used, followed by a thorough rinse with clean water.
 - Ensure the tube is completely dry before reassembling.
- Bulb Replacement:** The UV-C bulb has a limited lifespan. If the light output diminishes or the bulb stops working, it may need replacement. Compatible replacement bulbs are sold separately under model HG245.



Image: Demonstrates how to unscrew the light shield and clean the quartz glass lamp tube with a paper towel.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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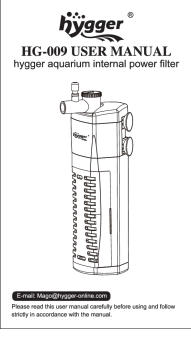
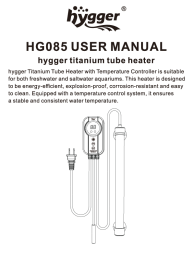



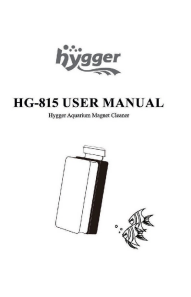
Problem	Possible Cause	Solution
UV Light not turning on	No power; Bulb failure; Controller malfunction	Check power connection; Replace bulb (Model HG245); Contact support if controller is faulty.
Water not clearing	Insufficient run time; Dirty quartz tube; Incorrect placement; Over-sterilization (killing beneficial bacteria)	Increase run time (e.g., 6-12 hours); Clean quartz tube; Ensure proper water flow past the UV light; Adjust timing to avoid over-sterilization.
Algae still present	UV light not effective against all algae types (e.g., hair algae); Insufficient run time; Nutrient imbalance in tank	UV light is primarily for green water algae. For other types, manual removal and addressing nutrient issues are necessary. Adjust run time.

9. SPECIFICATIONS

Feature	Detail
Model Name	HG
Wattage	3 watts
Recommended Tank Size	5-25 Gallons
Product Dimensions	1.85"D x 1.85"W x 4.57"H
Item Weight	11.52 ounces
Light Source Type	Fluorescent (UV-C)
Bulb Base	G5.3
Power Source	Corded Electric
Material	Glass, Plastic
Color	Black
Timer Settings	3H, 6H, 12H, 24H

10. WARRANTY AND SUPPORT

The hygger Aquarium UV Light with Timer (Model HG) comes with a **2-year warranty** from the date of purchase. For warranty claims, technical support, or any product-related inquiries, please contact hygger customer service through the retailer where the product was purchased or visit the official hygger website.

 <p>hygger® HG-009 USER MANUAL hygger aquarium internal power filter</p> <p>Please read this user manual carefully before using and follow strictly in accordance with the manual.</p>	<p>Hygger 009 Aquarium Internal Power Filter User Manual</p> <p>Comprehensive user manual for the Hygger 009 internal power filter, covering features, technical specifications, installation, operation, and maintenance for freshwater and saltwater aquariums.</p>
 <p>hygger® HG085 USER MANUAL hygger titanium tube heater</p> <p>hygger Titanium Tube Heater with Temperature Controller is suitable for both freshwater and saltwater aquariums. This heater is designed to be energy-efficient, explosion-proof, corrosion-resistant and easy to use. Equipped with a temperature control system, it ensures a stable and consistent water temperature.</p>	<p>Hygger HG085 Titanium Tube Heater User Manual Aquarium Temperature Control</p> <p>Comprehensive user manual for the Hygger HG085 Titanium Tube Heater. Learn about product features, specifications, installation, operation, safety warnings, troubleshooting, and warranty for your aquarium.</p>
 <p>hygger® HG145 USER MANUAL hygger Accurate Quartz Glass Aquarium Heater</p> <p>Hygger Accurate Quartz Glass Aquarium Heater is the perfect heater for your freshwater or saltwater aquariums. *Note: The controller is not waterproof, do not allow it to get wet.</p>	<p>Hygger HG145 Accurate Quartz Glass Aquarium Heater User Manual</p> <p>Comprehensive user manual for the Hygger HG145 Accurate Quartz Glass Aquarium Heater, detailing features, specifications, instructions, troubleshooting, safety warnings, and disposal information for optimal aquarium temperature control.</p>
 <p>hygger® HG-969 USER MANUAL Hygger Smart Titanium Steel Heater</p> <p>Hygger Smart Titanium Steel Heater is the perfect aquarium heater for your larger freshwater and saltwater aquariums.</p>	<p>Hygger HG-969 Smart Titanium Steel Aquarium Heater User Manual</p> <p>Comprehensive user manual for the Hygger HG-969 Smart Titanium Steel Aquarium Heater. Includes features, specifications, application, troubleshooting, safety warnings, and disposal information for freshwater and saltwater aquariums.</p>
 <p>hygger®</p> <p>C-mail: service@hyggeraquarium.com Website: www.hyggeraquarium.com</p>	<p>Hygger HG210 Aqua Water Clarifier User Manual</p> <p>User manual for the Hygger HG210 Aqua Water Clarifier, detailing usage instructions, warranty information, and contact details for Hygger Aquarium.</p>
 <p>hygger® HG-815 USER MANUAL Hygger Aquaplanet Magnet Cleaner</p>	<p>Hygger HG-815 Aquarium Magnet Cleaner User Manual - Instructions and Features</p> <p>Comprehensive user manual for the Hygger HG-815 Aquarium Magnet Cleaner. Learn about its super strong magnetism, multi-function cleaning capabilities, special blade design, and practical float feature. Includes installation steps, safety precautions, package contents, and contact information.</p>