

TAISHAN ZY-113-13W

TAISHAN Aquarium Clean Light User Manual

Model: ZY-113-13W

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your TAISHAN Aquarium Clean Light, Model ZY-113-13W. This device utilizes UV disinfection technology to help maintain clear water in aquariums, ponds, and swimming pools by targeting microorganisms and algae.



Image 1: Overview of the TAISHAN Aquarium Clean Light, including the UV lamp, power cord with controller, and suction cups for mounting.

2. SAFETY INFORMATION AND WARNINGS

- **UV Radiation Hazard:** Do not look directly at the UV lamp when it is operating. Prolonged exposure to UV light can cause severe eye and skin damage.
- **Protect Aquatic Life:** When using the aquarium disinfection lamp, place it within a filter system or use an opaque barrier to separate the lamp from fish and other aquatic organisms. Ensure water can still flow past the lamp. Direct UV light exposure can harm aquatic life.
- **Electrical Safety:** Keep the power plug and controller away from water sources to prevent electrical hazards.
- **Handle with Care:** The UV lamp is made of silica glass. Handle it carefully to avoid breakage. Do not shake the unit, as this may cause a short circuit.
- **Waterproof Rating:** The UV lamp itself is IP68 waterproof and submersible. However, the external controller and power plug are NOT waterproof and must be kept dry.
- **Intended Use:** This light is designed to clear green water caused by algae and microorganisms. It will not remove black precipitate or other debris attached to rocks or tank surfaces.

Submersible and Effective Sterilization

IP68 Waterproof

Note: The fish tank light is waterproof, but the controller is not.



Image 2: Illustration showing the submersible UV lamp in water and a clear warning that the controller is not waterproof.

3. PACKAGE CONTENTS

Please verify that all items are present and undamaged upon opening the package:

- TAISHAN Aquarium Clean Light (UV lamp)
- Power cord with integrated controller
- Suction cups for mounting
- User Manual (this document)



Image 3: The product packaging, indicating the contents and model information.

4. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove all components from the packaging.
2. **Inspect:** Check the UV lamp and power cord for any visible damage. Do not use if damaged.
3. **Mounting:** Attach the suction cups to the UV lamp.
4. **Placement:**
 - Place the UV lamp in a location where it is submerged in water but isolated from direct contact with fish or other aquatic animals.

- Ideal locations include within a filter compartment (e.g., hang-on-back filter, top water box, sump filter) or behind an opaque baffle that allows water flow.
- Ensure the power plug and controller remain outside the water and in a dry area.

Put it in the filter area

Hang on back filter, Top water box for betta fish,
Filter for trutle tank.



Image 4: Visual guide for placing the UV light within a filter system, such as a hang-on-back filter or sump.

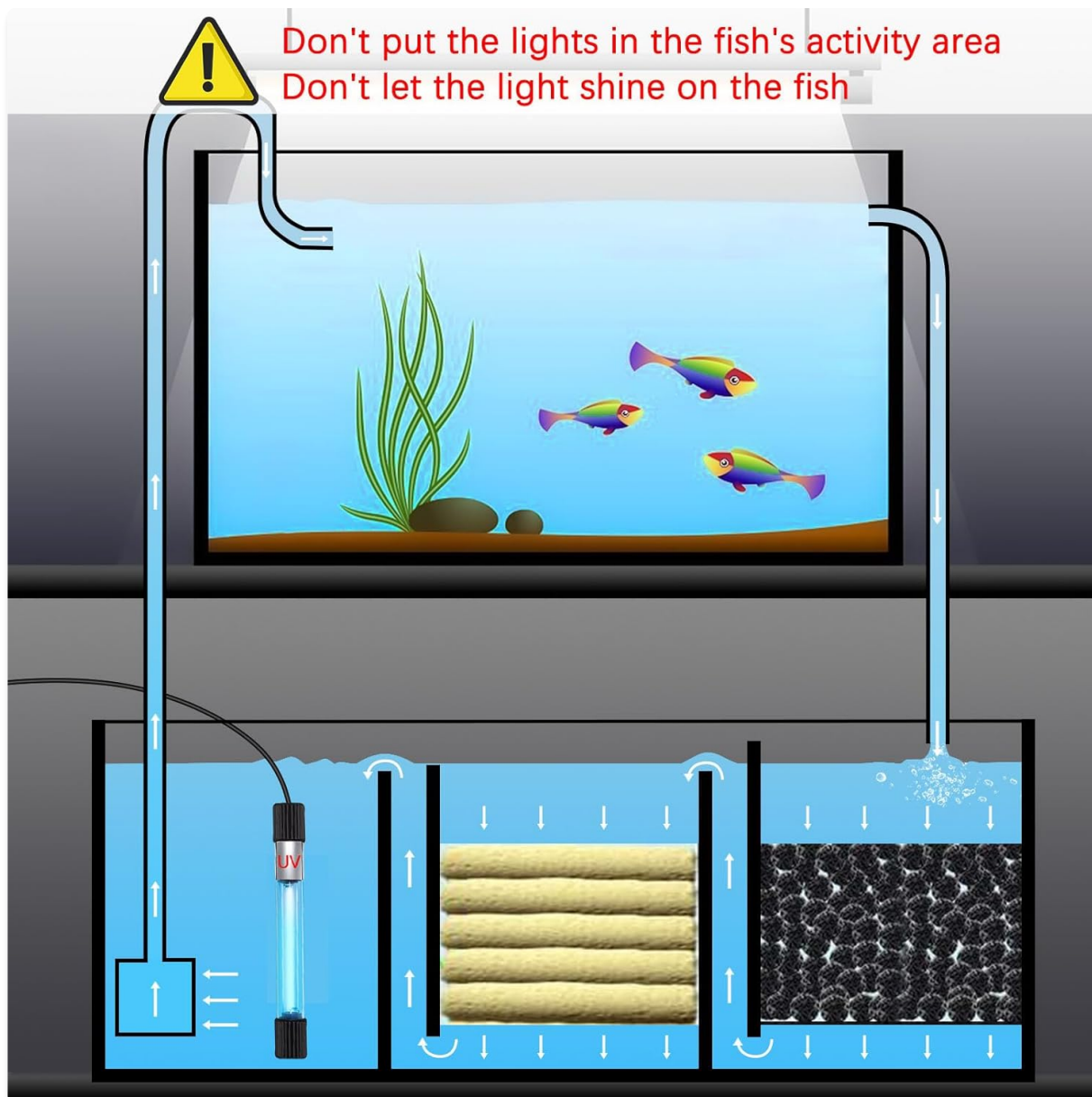


Image 5: Warning diagram showing that the UV light should not be placed directly in the fish's activity area or shine on fish.

5. OPERATING INSTRUCTIONS

1. **Connect Power:** Once the UV lamp is securely placed and the controller is in a dry location, plug the power cord into a standard 110V electrical outlet.
2. **Power On:** Press the button on the controller to turn the light on. The controller may include a timer function (refer to controller specific instructions if applicable).
3. **Recommended Usage:** For optimal results, operate the 13W aquarium clean light for 3-4 hours once every 2-4 days. Adjust duration based on water clarity and tank size.
4. **Disinfection Process:** The 254nm wavelength UV light works by disrupting the DNA of microorganisms and algae, leading to their destruction and clearer water. Significant improvement can often be observed within 30 minutes of operation.

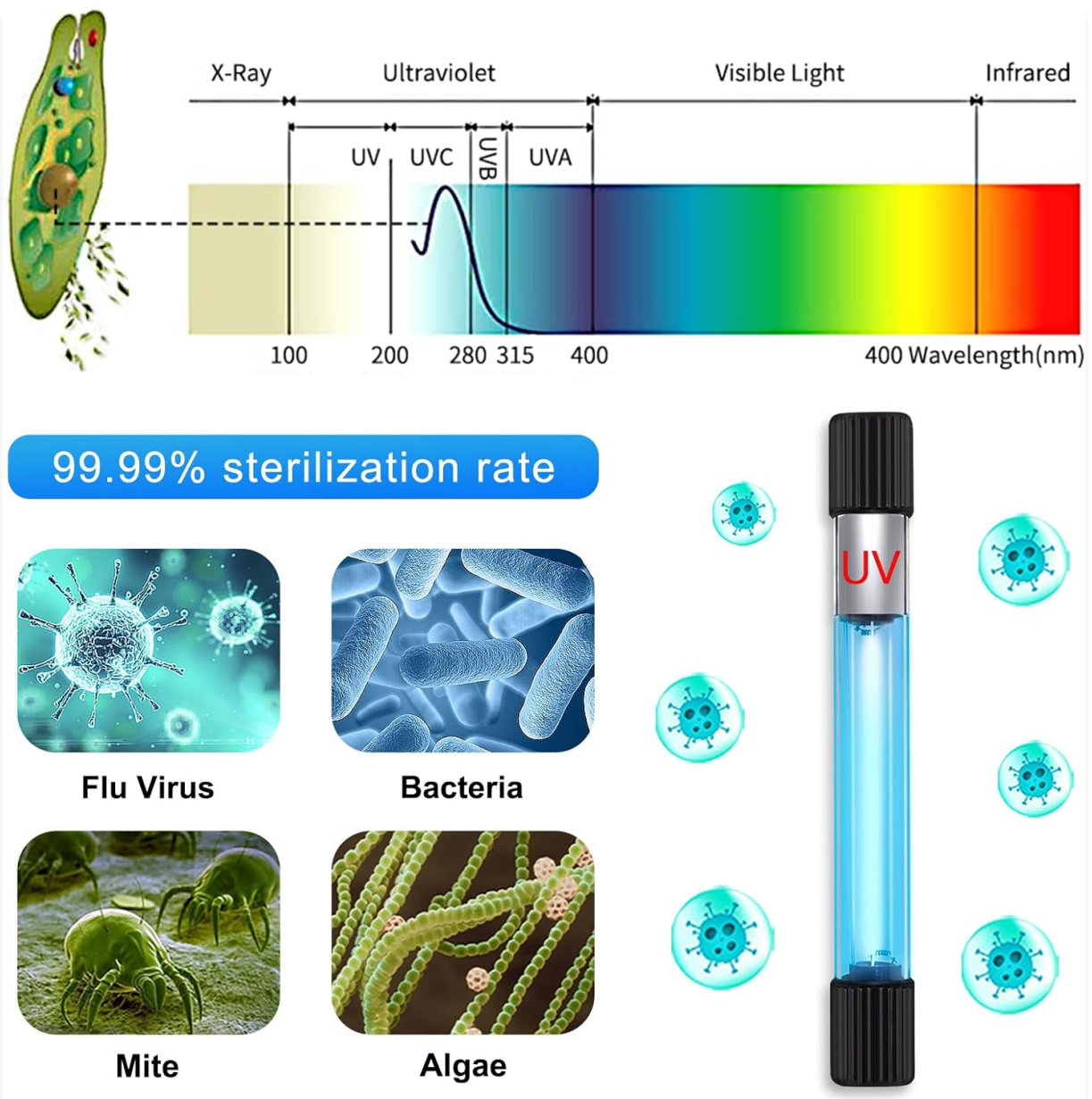


Image 6: Illustration detailing the 99.99% sterilization rate of UV light against flu virus, bacteria, mites, and algae.

6. MAINTENANCE

- **Regular Cleaning:** Periodically clean the exterior of the UV lamp to ensure maximum light penetration. Disconnect power before cleaning.
- **Filter Maintenance:** As the UV light kills algae, dead algae may accumulate in your filter media. Regularly clean or replace filter pads to maintain efficient filtration and water flow.
- **Lamp Replacement:** The UV lamp has a limited lifespan. If water clarity does not improve after regular use, the UV bulb may need replacement. Refer to the product specifications for compatible replacement bulbs.


7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty connection, damaged unit.	Check power outlet. Ensure all connections are secure. If still not working, the unit may be damaged and require replacement.
Water remains green or cloudy.	Insufficient operating time, incorrect placement, expired UV bulb, excessive organic load.	Increase operating duration (within recommended limits). Verify correct placement in filter area. Consider replacing the UV bulb. Perform partial water changes and clean filter media.
Unit emits smoke or burning smell.	Electrical fault, internal damage.	Immediately disconnect power. Do not attempt to use or repair. This indicates a serious safety hazard. Contact customer support for assistance.


EFFECT COMPARISON

EASY TO SOLVE FISH TANK FAQs



Before

After




Before

After



Before

After



Before

After




Image 7: Visual comparison demonstrating the effectiveness of the UV light in clearing green and cloudy water in various aquatic environments.

8. SPECIFICATIONS

- **Model:** ZY-113-13W
- **Wattage:** 13 Watts
- **Voltage:** 110 Volts
- **Light Source Type:** UV
- **Wavelength:** 254nm (for disinfection)
- **Material:** Glass, Plastic
- **Color:** Black
- **Item Weight:** Approximately 0.23 Kilograms (8.1 ounces)
- **Package Dimensions:** 10.75 x 3.03 x 2.13 inches
- **Waterproof Rating (Lamp):** IP68 (submersible)
- **Switch Style:** Push Button (on controller)
- **UPC:** 791564639446

9. WARRANTY AND SUPPORT

Warranty and specific support information for the TAISHAN Aquarium Clean Light, Model ZY-113-13W, is not available in this document. Please refer to the product packaging or the retailer's website for details regarding warranty coverage and customer support contact information.