

[Manuals.plus](#) /

› [Lifeguard Aquatics](#) /

› Lifeguard Aquatics Aquastep Pro 15 Watt UV Sterilizer User Manual

Lifeguard Aquatics Aquastep Pro 15 Watt UV Sterilizer

Lifeguard Aquatics Aquastep Pro 15 Watt UV Sterilizer User Manual

Model: Aquastep Pro 15 Watt UV Sterilizer

INTRODUCTION

The Lifeguard Aquatics Aquastep Pro 15 Watt UV Sterilizer is designed to provide clear and healthy water for aquariums up to 120 gallons. This unit utilizes ultraviolet light to control algae, bacteria, and other harmful microorganisms, contributing to a pristine aquatic environment. It offers versatile installation options, including in-line or hang-on use, and features a unique 4-pin connector for convenient lamp replacement.

SAFETY INFORMATION

- Always unplug the unit from the power outlet before performing any maintenance, cleaning, or bulb replacement.
- This product is designed for indoor use only. Do not expose to water spray or rain.
- Do not operate the UV sterilizer if the power cord or plug is damaged.
- Ensure all connections are secure and leak-free before powering on the unit.
- The UV lamp emits harmful radiation. Never look directly at the UV lamp when it is operating. The clear view port is designed to allow visible light (no UV) to pass through, indicating operation, and is safe to view.
- Keep out of reach of children.

PACKAGE CONTENTS

Please check the package to ensure all components are present:

- Lifeguard Aquatics Aquastep Pro 15 Watt UV Sterilizer Unit
- 15 Watt UV Lamp (pre-installed or separate)
- 1/2" Hose Barb Fitting
- Hose Clamps
- Silicone Lubricant
- 4 feet of Hose

- Adjustable Clamp (for hang-on installation)

SETUP AND INSTALLATION



Image: The Lifegard Aquatics Aquastep Pro 15 Watt UV Sterilizer unit, showing its compact design and connection points at the bottom and top.

The Aquastep Pro UV Sterilizer can be installed either in-line with your existing filtration system or as a hang-on unit for your aquarium or reservoir tank.

General Installation Steps:

1. **Placement:** Choose a suitable location for the UV sterilizer. For hang-on use, the adjustable clamp allows for a snug fit to the aquarium or reservoir tank. For in-line use, ensure there is enough space for the unit and hose connections.
2. **Pump Requirement:** This unit requires an approximate 450 GPH (Gallons Per Hour) pump for optimal performance. Ensure your pump meets this specification.
3. **Hose Connections:**
 - The unit has 3/4" FPT (Female Pipe Thread) connections.
 - Use the provided 1/2" hose barb fitting, hose, and hose clamps to connect the unit to your pump and return line.
 - For hang-on installations, the inlet and outlet are at the top.
 - For below aquarium installations (in-line), the inlet and outlet are at the bottom.
 - Apply the provided silicone lubricant to hose barbs for easier and more secure hose attachment.
 - Secure all hose connections with the provided hose clamps to prevent leaks.
4. **Leak Check:** Before plugging in the unit, ensure water is flowing through the sterilizer and check for any leaks at all connection points. Tighten clamps as necessary.
5. **Power Connection:** Once all connections are secure and leak-free, plug the UV sterilizer into a grounded electrical outlet.

OPERATING INSTRUCTIONS

Once properly installed and powered on, the Lifegard Aquatics Aquastep Pro UV Sterilizer will begin its operation. The UV lamp inside the unit will emit ultraviolet light, which sterilizes the water as it passes through.

Clear View Port: The unit features a clear view port. This port allows visible light (not harmful UV light) to pass through,

providing a visual indication that the UV lamp is operating correctly. If you do not see light through this port when the unit is plugged in and receiving power, the bulb may need replacement or there may be a power issue.

MAINTENANCE

Regular maintenance ensures the longevity and effectiveness of your UV sterilizer.

UV Lamp Replacement:

The 15 Watt UV lamp has a finite lifespan and its effectiveness diminishes over time. It is recommended to replace the UV lamp annually or as needed to maintain optimal sterilization performance.

- 1. Disconnect Power:** Always unplug the UV sterilizer from the power outlet before attempting to replace the lamp.
- 2. Unique 4-Pin Connector:** The Aquastep Pro features a unique 4-pin connector designed for easy bulb replacement without needing to shut down the entire system or drain water from the unit. Carefully disconnect the 4-pin connector from the top of the unit.
- 3. Remove Old Lamp:** Gently pull the old UV lamp straight out from the unit.
- 4. Install New Lamp:** Carefully insert the new 15 Watt UV lamp into the unit, ensuring the 4-pin connector aligns correctly. Push firmly until it is seated properly.
- 5. Reconnect Power:** Reconnect the 4-pin connector and then plug the UV sterilizer back into the power outlet. Verify operation via the clear view port.

Cleaning:

Periodically, the quartz sleeve (which protects the UV lamp from water) may accumulate deposits, reducing UV light penetration. If your unit has a removable quartz sleeve, clean it gently with a soft cloth and a mild acid solution (like vinegar) to remove mineral deposits. Rinse thoroughly before reassembly. Refer to the manufacturer's specific instructions for quartz sleeve removal if applicable.

TROUBLESHOOTING

Problem	Possible Cause	Solution
UV lamp not lighting up (no light from clear view port)	No power to the unit UV lamp is faulty or at end of life 4-pin connector not properly seated	Check power outlet and connections. Replace the UV lamp. Ensure the 4-pin connector is fully inserted and secure.
Water is not clear after prolonged use	UV lamp effectiveness has diminished Quartz sleeve is dirty Pump flow rate is too high or too low Aquarium size exceeds unit capacity	Replace the UV lamp. Clean the quartz sleeve. Ensure pump is approx. 450 GPH. Verify aquarium size is within 120-gallon limit.

Problem	Possible Cause	Solution
Water leaks from connections	Hose clamps are loose Hose not properly seated on barb fitting Damaged O-rings or fittings	Tighten hose clamps securely. Re-seat hose and ensure it's fully pushed onto the barb. Inspect and replace any damaged O-rings or fittings.

SPECIFICATIONS

- **Model:** Aquastep Pro 15 Watt UV Sterilizer
- **UV Lamp:** 15 Watt
- **Aquarium Capacity:** Up to 120 gallons
- **Connections:** 3/4" FPT (Female Pipe Thread)
- **Recommended Pump Flow:** Approximately 450 GPH (Gallons Per Hour)
- **Dimensions (Approximate):** 23" (Length) X 7.5" (Width) X 3" (Depth)
- **Installation Options:** In-line or Hang-on
- **Features:** Unique 4-pin connector for easy bulb replacement, Clear View Port for operation indication, Adjustable clamp for hang-on use.

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Lifegard Aquatics directly. Refer to the product packaging or the official Lifegard Aquatics website for the most current contact details and warranty terms.

© 2024 Lifegard Aquatics. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question