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Viqua S950RL-HO

Viqua S950RL-HO High-Output UV Lamp Replacement User Manual

Model: S950RL-HO

1. Introduction

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Viqua S950RL-HO High-Output UV Lamp Replacement. This lamp is designed for use with Viqua UV water treatment systems, specifically models VP950, VP950M, SPV950, SP950-HO, and SPV-20 Series.

Regular replacement of the UV lamp is critical for maintaining the effectiveness of your water purification system. UV lamps degrade over time, and their ability to neutralize microorganisms diminishes. For optimal performance, replace the S950RL-HO lamp every 12 months.



Image 1: The Viqua S950RL-HO UV lamp, highlighting its key features such as being a genuine product, ease of replacement, 1-year warranty, and North American manufacturing.

2. Safety Information

Please read and understand all safety instructions before handling or installing the UV lamp.

- **Electrical Hazard:** Always disconnect power to the UV system before servicing or replacing the lamp. Failure to do so can result in electric shock.
- **UV Radiation:** Do not look directly at an illuminated UV lamp. Exposure to UV light can cause severe eye and skin damage. Ensure the system is off before opening the chamber.
- **Fragile Component:** The UV lamp is made of glass and can break if dropped or mishandled. Handle with care, holding the lamp by its ceramic ends.
- **Chemical Exposure:** Avoid touching the quartz sleeve or lamp with bare hands. Oils from skin can create hot spots on the lamp, reducing its lifespan and efficiency. Use clean gloves or a lint-free cloth.

3. Installation (Lamp Replacement)

Follow these steps to safely replace the UV lamp in your Viqua UV water treatment system.

1. **Power Disconnection:** Locate the power outlet for your UV system and unplug it. Ensure the system is completely de-energized.
2. **Cool Down:** Allow the system to cool for a few minutes before proceeding, as the lamp can be hot after operation.
3. **Remove Old Lamp:**
    - Carefully remove the protective cap or retaining nut from the end of the UV chamber where the lamp is inserted.
    - Gently pull the lamp connector away from the lamp pins.
    - Carefully slide the old UV lamp out of the quartz sleeve. Dispose of the old lamp according to local regulations for fluorescent bulbs.
4. **Clean Quartz Sleeve (Recommended):** While the lamp is out, it is recommended to clean the quartz sleeve.
    - If necessary, drain the UV chamber and carefully remove the quartz sleeve.
    - Clean the quartz sleeve with a soft cloth and a mild acid cleaner (e.g., citric acid or vinegar) to remove any mineral deposits. Rinse thoroughly with water.
    - Reinstall the clean quartz sleeve, ensuring the O-rings are properly seated to prevent leaks.
5. **Install New Lamp:**
    - Wearing clean gloves or using a lint-free cloth, carefully insert the new Viqua S950RL-HO lamp into the quartz sleeve. Ensure it slides in smoothly until fully seated.
    - Connect the lamp connector to the pins of the new lamp, ensuring a secure connection.
    - Replace the protective cap or retaining nut, ensuring it is hand-tightened to prevent water ingress.
6. **Power On:** Plug the UV system back into the power outlet. The system should power on, and the indicator light (if present) should confirm operation.
7. **Check for Leaks:** After installation, visually inspect the system for any signs of water leaks.



Image 2: This image confirms the Viqua S950RL-HO lamp is guaranteed to fit specific Viqua UV systems, including VP950, VP950M, SPV950, SP950-HO, and SPV-20.

4. Operation

The Viqua S950RL-HO is a replacement UV lamp. Once correctly installed, the UV system will resume its normal operation, emitting germicidal UV-C light to treat your water. There are no user-adjustable settings on the lamp itself. Refer to your specific Viqua UV system's manual for detailed operational instructions and indicator light meanings.

5. Maintenance

The primary maintenance requirement for the Viqua S950RL-HO UV lamp is its timely replacement.

- **Lamp Replacement Schedule:** Replace the UV lamp every 12 months (approximately 9,000 hours of operation). Even if the lamp appears to be working, its UV output diminishes over time, reducing its effectiveness.
- **Quartz Sleeve Cleaning:** It is recommended to clean the quartz sleeve annually, or more frequently in areas with hard water, to ensure maximum UV light transmission. Refer to Section 3, Step 4 for cleaning instructions.

6. Troubleshooting

If your UV system is not functioning correctly after lamp replacement, consider the following:

- **Lamp Not Lighting:**
  - Ensure the system is plugged into a working power outlet.
  - Check that the lamp connector is securely attached to the lamp pins.
  - Verify that the lamp is fully seated within the quartz sleeve.
  - If the issue persists, the problem may lie with the UV system's ballast or power supply. Consult your UV system's manual or contact Viqua support.
- **Reduced Water Quality (Despite New Lamp):**
  - Ensure the quartz sleeve is clean and free of mineral deposits or debris that could block UV light.
  - Confirm that the new lamp is a genuine Viqua S950RL-HO. Non-genuine lamps may not provide the correct UV output.
  - Verify that the water flow rate through the UV system is within the manufacturer's specifications.

7. Specifications

Feature	Specification
Model	S950RL-HO
Brand	Viqua
Lamp Type	High-Output UV Lamp
Lamp Life	9,000 hours (approx. 1 year)
Compatibility	Viqua VP950, VP950M, SPV950, SP950-HO, SPV-20 Series UV Systems
Material	Glass
Item Weight	2.7 pounds
Item Dimensions	48 x 4 x 4 inches (packaging dimensions)



Image 3: Detailed specifications for the Viqua S950RL-HO UV lamp, including power requirements, compatible systems, lamp life, and warranty information.

8. Warranty Information

The Viqua S950RL-HO High-Output UV Lamp Replacement comes with a**1-year manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service.
Important: The use of non-genuine or "compatible" UV lamps can damage your Viqua UV system and will void the manufacturer's warranty for both the lamp and potentially the entire UV system. Always use genuine Viqua replacement parts to ensure optimal performance and maintain warranty coverage.



Image 4: A visual comparison illustrating the benefits of using a genuine Viqua UV lamp versus the risks associated with generic alternatives, emphasizing consistent UV dosage and system protection.

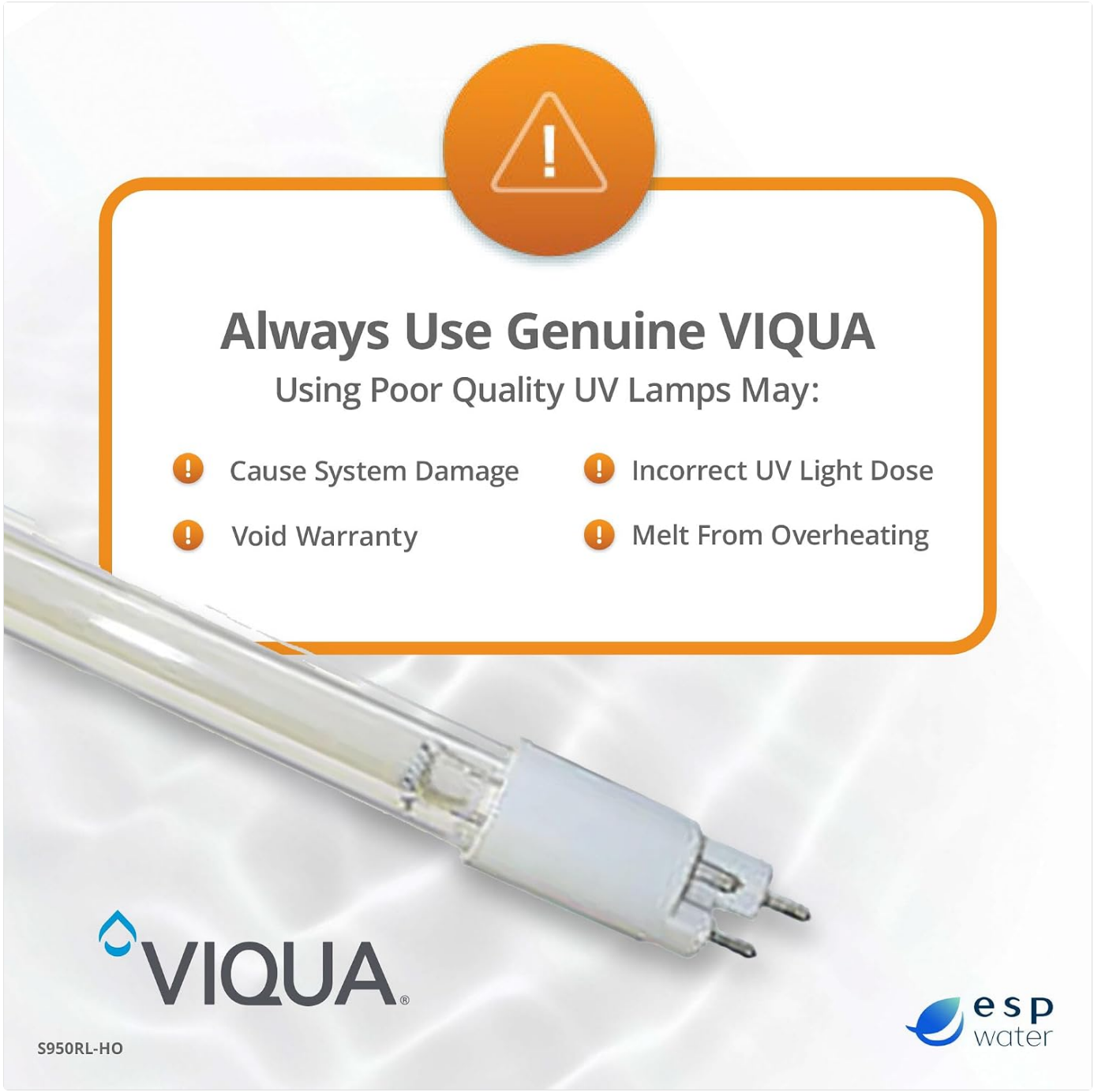


Image 5: A critical warning advising users to always use genuine Viqua lamps to avoid system damage, incorrect UV light dosage, warranty voidance, and overheating issues.

9. Support

For further assistance, technical support, or warranty claims, please contact Viqua customer service or your authorized Viqua dealer. You can find more information and contact details on the official Viqua website: www.viqua.com.

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