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Viqua S150RL-HO

Viqua S150RL-HO UV Lamp

INSTRUCTION MANUAL

Product Overview

The Viqua S150RL-HO UV Lamp is a high-output replacement lamp designed for the VH150 UV system, as well as the obsolete VIQUA SPV-2.5 and SP150-HO UV systems. This lamp is a critical component in your water treatment system, utilizing ultraviolet light to treat water as it passes through, ensuring its efficacy.

Regular replacement of this lamp is essential for maintaining the performance and safety of your UV water purification system.

Important Safety Information

- Always disconnect power to the UV system before attempting any installation or maintenance.
- Do not look directly at the illuminated UV lamp, as ultraviolet light can cause eye damage.
- Avoid touching the quartz glass of the lamp with bare hands. Oils from your skin can create hot spots and reduce lamp life. Use clean gloves or a soft cloth when handling.
- Dispose of old lamps according to local regulations, as they contain mercury.



Image: Packaging of the Viqua S150RL-HO lamp, showing a mercury warning symbol and disposal instructions. The UPC is 0773058010023.

Setup and Installation

Follow these steps to safely replace your Viqua S150RL-HO UV lamp:

1. **Power Disconnection:** Ensure the UV system is completely disconnected from the power supply. Turn off the main power switch or unplug the unit.
2. **Cool Down:** Allow the system to cool down for a few minutes if it has been recently operating.
3. **Remove Old Lamp:** Carefully remove the old UV lamp from the system. Refer to your specific UV system's manual for detailed instructions on lamp removal, as procedures may vary slightly. Handle the old lamp with care, as it may contain mercury.
4. **Clean Quartz Sleeve (Optional but Recommended):** While the lamp is out, inspect the quartz sleeve (the glass tube surrounding the lamp). If it appears dirty or has mineral deposits, clean it with a soft cloth and a mild acid solution (like vinegar) to ensure maximum UV light transmission. Rinse thoroughly with water.
5. **Install New Lamp:** With clean gloves or a soft cloth, carefully insert the new Viqua S150RL-HO UV lamp into the system. Ensure it is fully seated and properly connected. Do not force the lamp.
6. **Reconnect Power:** Once the new lamp is securely in place and all connections are made, reconnect the UV system to the power supply.
7. **Verify Operation:** Observe the system to ensure the new lamp illuminates and the system is operating correctly.



Image: The Viqua S150RL-HO UV Lamp, a clear tubular bulb with a white base and two prongs.



Image: The retail packaging for the Viqua S150RL-HO lamp, showing the Viqua logo and product information on the side of the box.

Operating Instructions

The Viqua S150RL-HO UV lamp operates continuously once installed and powered. Its function is to emit ultraviolet light that treats water flowing through the UV system. No user interaction is required during normal operation.

Ensure the UV system remains powered on for continuous water treatment. Interruption of power will stop the UV disinfection process.

Maintenance

Proper maintenance is crucial for the effective operation of your UV water treatment system and the longevity of the S150RL-HO UV lamp.

- **Lamp Replacement Schedule:** It is extremely important to replace the Viqua S150RL-HO UV lamp every 12 months (approximately 9,000 hours of operation). The UV output of the lamp diminishes over time, even if it still appears to be glowing. Replacing it annually ensures consistent and effective water disinfection.
- **Quartz Sleeve Cleaning:** Periodically inspect and clean the quartz sleeve. Mineral deposits or sediment on the

sleeve can block UV light, reducing the system's effectiveness. Clean as needed, typically during lamp replacement.

- **Use Genuine Parts:** Always use genuine Viqua replacement lamps. Using non-genuine or "compatible" lamps can compromise the performance of your UV system, potentially damage the unit, and may void your manufacturer's warranty.

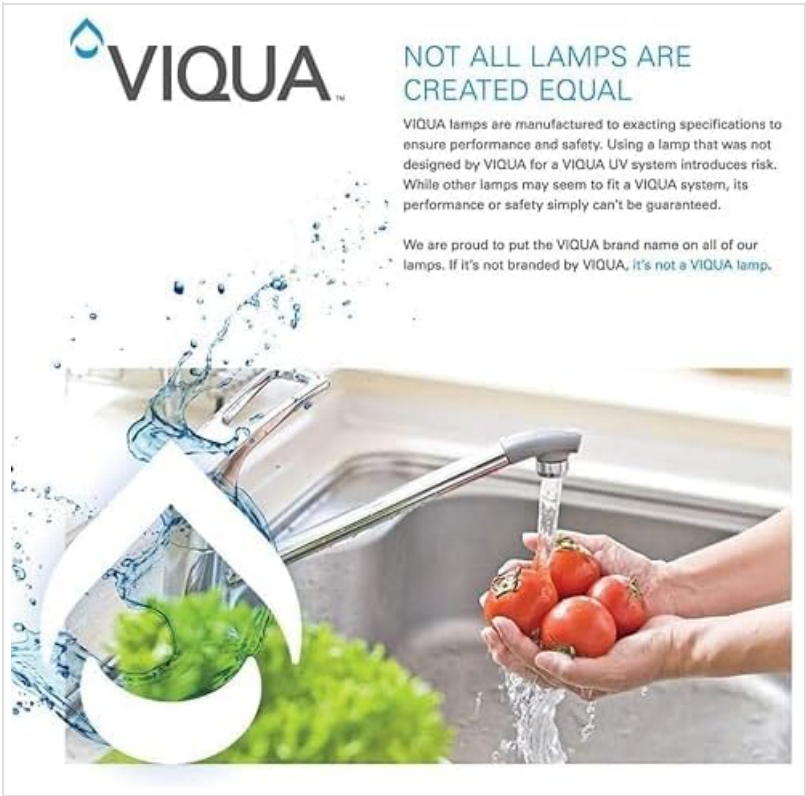


Image: A Viqua promotional image emphasizing the importance of using genuine Viqua lamps for optimal performance and safety, stating "NOT ALL LAMPS ARE CREATED EQUAL".

Troubleshooting

If you experience issues with your Viqua UV system after lamp installation, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Lamp not illuminating	No power to the system; Lamp not properly seated; Lamp has reached end of life; Faulty ballast.	Check power connection and circuit breaker. Ensure lamp is fully inserted. Replace lamp if it's over 12 months old. Contact Viqua support if ballast is suspected.
Reduced water treatment effectiveness	Lamp is old and UV output has diminished; Quartz sleeve is dirty.	Replace lamp if it's over 12 months old. Clean the quartz sleeve.
Water flow issues	Not directly related to the lamp, but could indicate issues with the UV system housing or pre-filters.	Inspect the UV system housing for blockages. Check and replace pre-filters if applicable.

Specifications

Model Number	S150RL-HO
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Brand	Viqua
Light Type	Ultraviolet
Special Feature	Long Lasting
Light Source Wattage	150 Watts
Operating Wattage	20 watts
Bulb Shape Size	T5 1/2
Bulb Base	Prong
Voltage	120 Volts
Material	Glass
Product Dimensions	8 x 8 x 15 inches
Item Weight	1.35 pounds
Country of Origin	Canada
UPC	0773058010023

Warranty and Support

The Viqua S150RL-HO UV Lamp comes with a **1-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims, technical support, or further inquiries, please contact Viqua directly:

Address: 425 Clair Road West, Guelph ON N1L 1R1, Canada

Email: info@viqua.com

Website: www.viqua.com

Phone: 1-800-265-7246

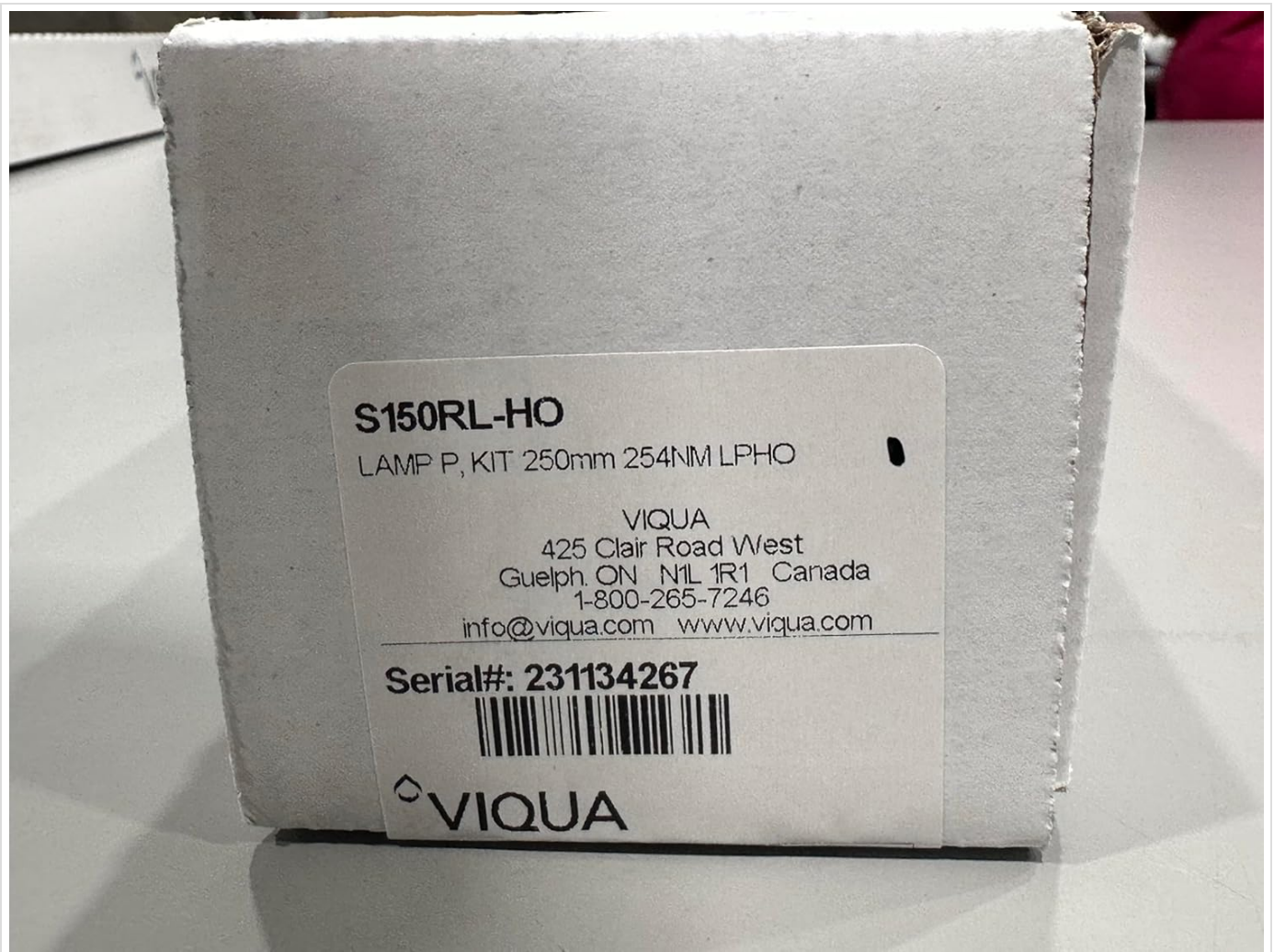


Image: The end of the Viqua S150RL-HO lamp box, displaying the model number, Viqua address, email, website, and phone number.

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This manual is for informational purposes only. Always refer to your complete UV system manual for specific instructions.