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Sanuvox LMPRGXJ65 UV Lamp Instruction Manual

For Models: P900-GX, R1500-GX, S100-GX, SR Max, SR+ UV Air Systems

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your OEM Sanuvox LMPRGXJ65 UV Lamp. This UV lamp is a critical component designed to enhance indoor air quality by neutralizing airborne pathogens and allergens in compatible Sanuvox air purification systems. Please read this manual thoroughly before installation and use to ensure safe and efficient operation.

2. PRODUCT OVERVIEW

The Sanuvox LMPRGXJ65 UV Lamp is an OEM replacement part specifically engineered for Sanuvox air purification systems. It utilizes advanced UV-C technology to provide continuous air purification, contributing to a healthier indoor environment.



Figure 2.1: The Sanuvox LMPRGXJ65 UV Lamp, a U-shaped bulb with white bases and electrical pins.

Key Features:

- **OEM Compatibility:** Designed for perfect fit and function with Sanuvox P900-GX, R1500-GX, S100-GX, SR Max,

and SR+ UV models.

- **Advanced UV Technology:** Emits UV-C light to effectively neutralize harmful airborne particles, allergens, and pathogens.
- **Enhanced Air Quality:** Continuously purifies air, ideal for residential, commercial, and healthcare settings.
- **Durable Construction:** Engineered for longevity, ensuring reliable performance.

3. SAFETY INFORMATION

WARNING: UV-C radiation is harmful to skin and eyes. Never look directly at an illuminated UV lamp. Always ensure the air purification system is powered off and disconnected from the power source before attempting any installation, maintenance, or inspection of the UV lamp.

- Always wear appropriate personal protective equipment (PPE), including UV-protective eyewear and gloves, when handling UV lamps.
- Do not operate the UV lamp outside of its designated air purification system.
- Keep out of reach of children and pets.
- Dispose of old UV lamps according to local regulations for hazardous waste.

4. SETUP AND INSTALLATION

The LMPRGXJ65 UV lamp is designed for easy replacement in compatible Sanuvox air purification systems. Follow these steps carefully:

1. **Power Off:** Ensure the Sanuvox air purification system is completely powered off and unplugged from the electrical outlet before beginning installation. This is crucial for safety.
2. **Access Lamp Compartment:** Refer to your specific Sanuvox air purifier model's manual for instructions on how to safely access the UV lamp compartment. This typically involves opening a panel or cover.
3. **Remove Old Lamp:** Carefully grasp the base of the old UV lamp and gently pull it straight out from its socket. Avoid touching the glass part of the lamp.
4. **Install New Lamp:** Align the pins on the base of the new LMPRGXJ65 UV lamp with the corresponding slots in the socket. Gently push the lamp firmly into place until it is securely seated. Do not force it.
5. **Secure Compartment:** Close and secure the lamp compartment cover or panel according to your system's instructions.
6. **Restore Power:** Plug the air purification system back into the electrical outlet and power it on. Verify that the new UV lamp illuminates and the system operates correctly.

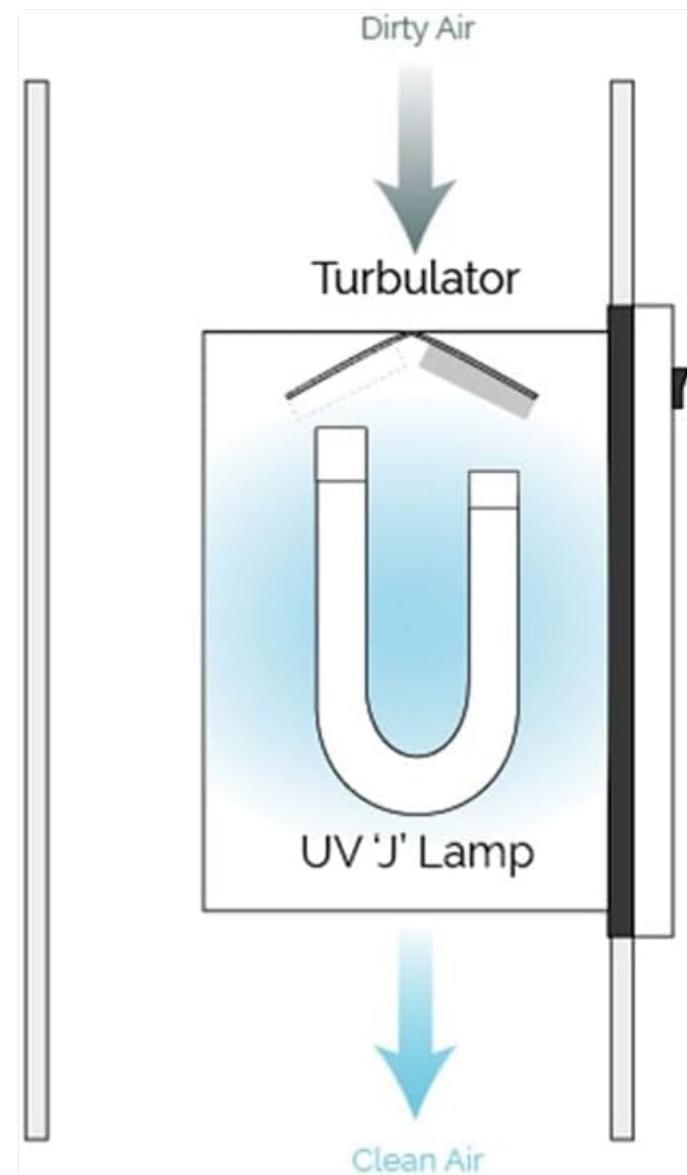


Figure 4.1: Illustrative diagram of a UV 'J' Lamp installed within an air purification system, showing dirty air entering, passing through a turbulator and past the UV lamp, and clean air exiting.

5. OPERATING PRINCIPLES

The Sanuvox LMPRGXJ65 UV Lamp operates by emitting germicidal UV-C light. As air passes through your Sanuvox air purification system, airborne microorganisms such as bacteria, viruses, mold spores, and allergens are exposed to this high-intensity UV-C radiation. The UV-C light penetrates the cell walls of these contaminants, disrupting their DNA and rendering them inactive or unable to reproduce, thereby purifying the air.

The lamp is designed for continuous operation within the compatible Sanuvox systems to maintain optimal indoor air quality.

6. MAINTENANCE

The LMPRGXJ65 UV lamp is engineered for longevity, but like all UV lamps, its germicidal effectiveness diminishes over time. Regular replacement is crucial to ensure continuous optimal performance of your air purification system.

- **Lamp Replacement:** It is recommended to replace the UV lamp annually or as indicated by your specific Sanuvox air purification system's maintenance schedule. Even if the lamp appears to be glowing, its germicidal output may have decreased significantly.
- **Cleaning:** Periodically, and always during lamp replacement, gently wipe the glass surface of the lamp with a clean, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the lamp is cool and disconnected from power

before cleaning.

- **System Maintenance:** Follow the maintenance guidelines for your specific Sanuvox air purification system, including filter changes and general cleaning, to ensure the overall efficiency and lifespan of the unit.

7. TROUBLESHOOTING

If you encounter issues with your Sanuvox LMPRGXJ65 UV Lamp or the air purification system after installation, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Lamp does not illuminate after installation.	System not powered on. Lamp not properly seated. Faulty lamp. System malfunction.	Ensure the air purification system is plugged in and powered on. Turn off power, unplug, and re-seat the lamp firmly. If a new lamp, it might be defective. Contact support for replacement. Consult your Sanuvox system's manual for system-specific troubleshooting or contact Sanuvox support.
Reduced air purification effectiveness.	Lamp nearing end of life. Dirty lamp surface. System filters are clogged.	Replace the UV lamp if it's been in use for approximately one year. Clean the lamp surface (ensure power is off). Check and replace air filters in your Sanuvox system as per its manual.

For issues not covered here, please refer to the comprehensive manual for your specific Sanuvox air purification system or contact Sanuvox customer support.

8. SPECIFICATIONS

Attribute	Detail
Brand	Sanuvox
Model Number	LMPRGXJ65
Compatible Models	Sanuvox P900-GX, R1500-GX, S100-GX, SR Max, SR+ UV Air Systems
Light Source Type	UV-C (Ultraviolet Germicidal Irradiation)
Indoor/Outdoor Usage	Indoor
Item Weight	9.5 ounces
Package Dimensions	13.9 x 5.79 x 2.91 inches
UPC	645637610361
Special Feature	Long Lasting

9. WARRANTY AND SUPPORT

Specific warranty information for the Sanuvox LMPRGXJ65 UV Lamp is typically provided with the original air purification system or can be obtained directly from Sanuvox or your authorized dealer. Please retain your proof of purchase for warranty claims.

For technical support, replacement parts, or further inquiries, please contact Sanuvox customer service or visit their official website. Contact details are usually found in the main air purification system's manual or on the manufacturer's website.

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