

Sanuvox LMPRGPT160T5

Sanuvox OEM LMPRGPT160T5 UV Lamp Instruction Manual

Model: LMPRGPT160T5

1. PRODUCT OVERVIEW

The Sanuvox OEM LMPRGPT160T5 UV Lamp is a replacement ultraviolet lamp designed to maintain optimal air quality in your indoor environment. This lamp utilizes advanced UV technology to neutralize airborne pathogens, allergens, and other contaminants. It is specifically designed for use with Sanuvox air purification systems, including the Saber Genius 24 V, Saber Magnet 24V, Saber Pro Wireless 24V, and Saber Smart 120V models. Regular replacement of the UV lamp ensures the continuous high efficiency of your air purification system.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the UV lamp. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **UV Radiation Hazard:** This product emits ultraviolet (UV) radiation. Direct exposure to UV light can cause severe eye and skin damage. **Never look directly at an illuminated UV lamp. Avoid direct exposure to skin.**
- **Disconnect Power:** Always disconnect power to the air purification system before attempting any installation, maintenance, or lamp replacement.
- **Professional Installation:** Installation should be performed by a qualified technician familiar with HVAC systems and electrical safety.
- **Handle with Care:** UV lamps are made of glass and can break easily. Handle the lamp carefully to prevent breakage.
- **Disposal:** Dispose of used lamps according to local regulations for hazardous waste.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged:

- 1 x Sanuvox OEM LMPRGPT160T5 UV Lamp

4. INSTALLATION AND SETUP

This section provides general instructions for replacing the UV lamp. Refer to your specific Sanuvox air purification system's manual for detailed installation steps, as procedures may vary slightly between models.

1. **Power Disconnection:** Locate the main power switch for your HVAC system or the specific Sanuvox air purification unit and turn it OFF. Confirm that power is completely disconnected before proceeding.
2. **Access the UV Lamp Housing:** Open the access panel or housing for the UV lamp within your Sanuvox air purification system. This may require tools such as a screwdriver.
3. **Remove Old Lamp:** Carefully grasp the old UV lamp by its ceramic or plastic ends. Gently twist and pull to disengage it from its socket. Avoid touching the glass portion of the lamp.
4. **Install New Lamp:** With clean hands or gloves, carefully insert the new Sanuvox LMPRGPT160T5 UV lamp into the socket. Ensure it is fully seated and secured. Do not force the lamp.
5. **Secure Housing:** Close and secure the access panel or housing.
6. **Restore Power:** Turn the main power switch for your HVAC system or Sanuvox unit back ON. The UV lamp should illuminate, indicating proper installation.

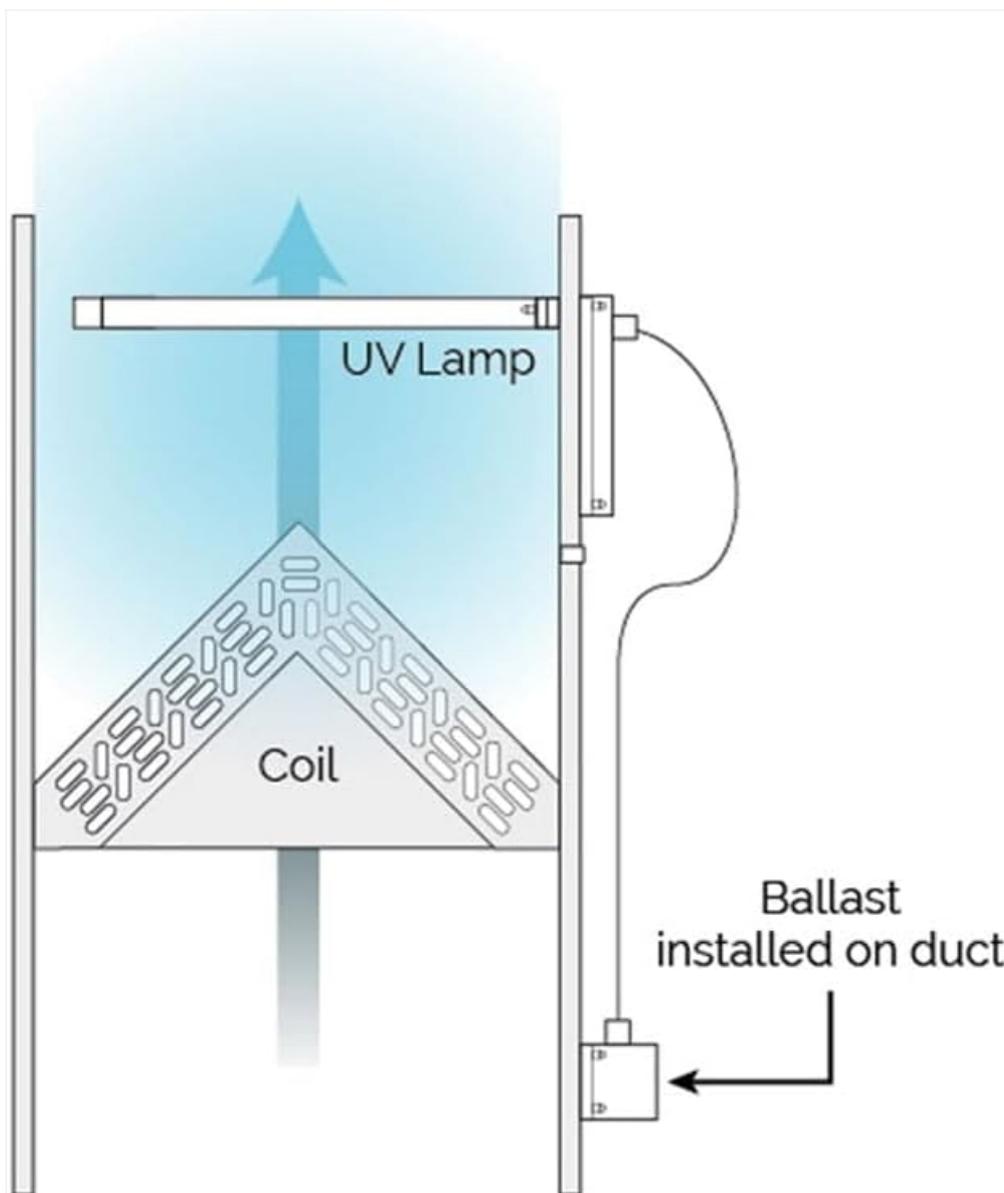


Figure 1: Typical UV Lamp Installation Diagram. This diagram illustrates how a UV lamp is typically positioned within an air

duct system, showing its relation to the coil and the external ballast unit.

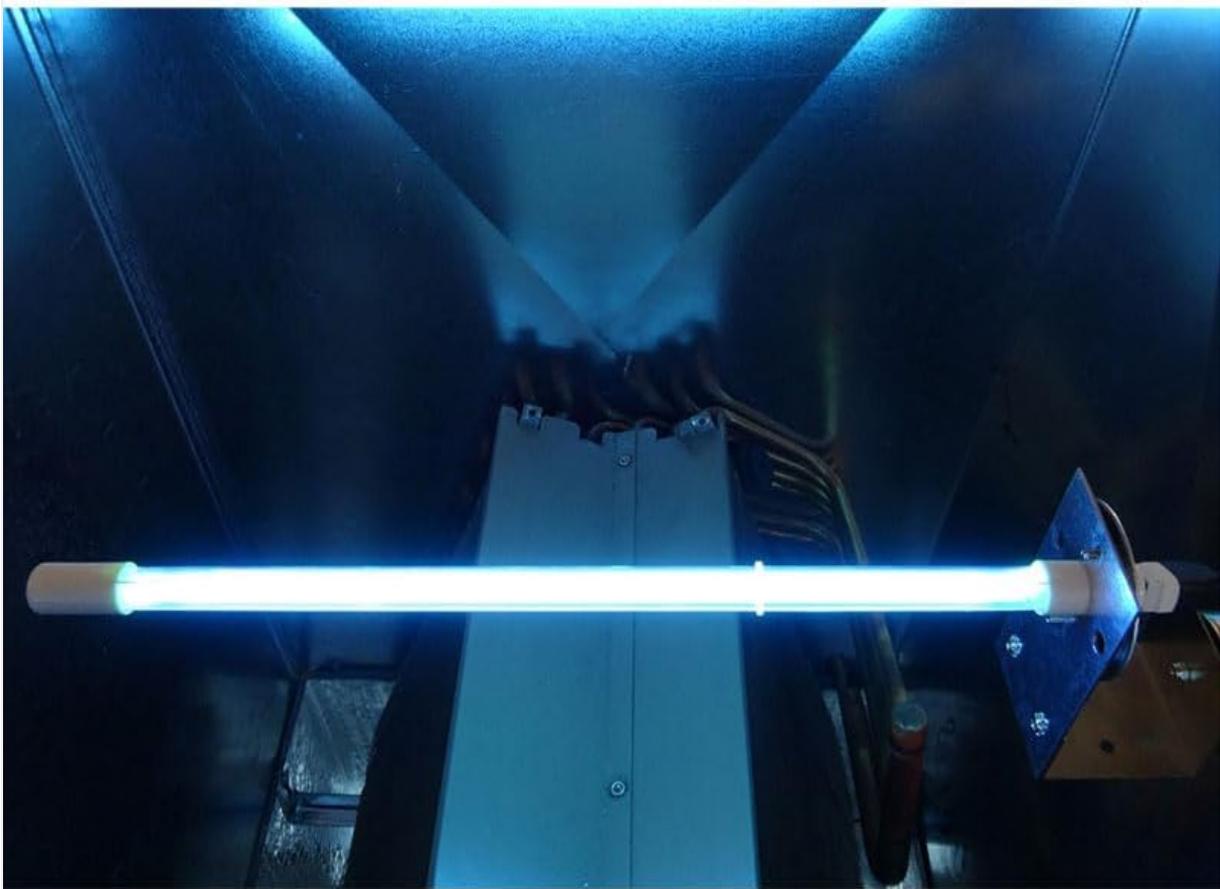


Figure 2: Installed Sanuvox UV Lamp. This image shows the Sanuvox UV lamp installed and actively operating within an air duct, emitting its characteristic blue light.

5. OPERATION

Once properly installed and powered, the Sanuvox LMPRGPT160T5 UV Lamp operates continuously to purify the air passing through your HVAC system. The UV light neutralizes microorganisms, contributing to a healthier indoor environment. There are no user-adjustable settings for the lamp itself; its operation is automatic as long as the air purification system is active.

6. MAINTENANCE

The primary maintenance for the Sanuvox LMPRGPT160T5 UV Lamp involves periodic replacement.

- **Lamp Replacement:** UV lamps have a finite lifespan, typically 9,000 to 12,000 hours of continuous operation (approximately 12-18 months). To ensure continued effectiveness, it is recommended to replace the lamp annually or as indicated by your specific Sanuvox system's maintenance schedule. Refer to Section 4 for replacement instructions.
- **Cleaning:** If the lamp's glass surface appears dusty or dirty, gently wipe it with a clean, dry, lint-free cloth after disconnecting power. Do not use liquid cleaners.

7. TROUBLESHOOTING

If the UV lamp is not functioning as expected, consider the following:

- **Lamp Not Illuminating:**
 - Ensure the air purification system has power.

- Verify the lamp is correctly seated in its socket.
 - Check if the lamp has reached the end of its operational life and requires replacement.
 - Inspect the ballast (power supply) for any signs of malfunction. If the ballast is faulty, the lamp will not light.
- **Reduced Effectiveness:**
 - The lamp may be nearing the end of its effective lifespan, even if it still illuminates. UV output diminishes over time. Replace the lamp.
 - Ensure the lamp's glass surface is clean and free of dust or debris.

If issues persist after troubleshooting, contact a qualified technician or Sanuvox customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	LMPRGPT160T5
Brand	Sanuvox
Light Type	Ultraviolet
Special Feature	Air Purification, Pathogen Neutralization, Long Lasting
Voltage	24 Volts (DC)
Unit Count	1.0 Count
Number of Items	1
Indoor/Outdoor Usage	Indoor
Power Source	AC adapter (for the system, not the lamp directly)
Accepted Voltage Frequency	100 to 240 Volts and 50 Hertz to 60 Hertz (for the system)
Control Method	Touch (for the system, not the lamp directly)
Item Weight	8.8 ounces
Package Dimensions	21 x 4.7 x 3.4 inches
UPC	645637565937

9. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Sanuvox OEM LMPRGPT160T5 UV Lamp or compatible Sanuvox air purification system, please refer to the documentation provided with your original Sanuvox unit or visit the official Sanuvox website. Contact information for customer service can typically be found there.

