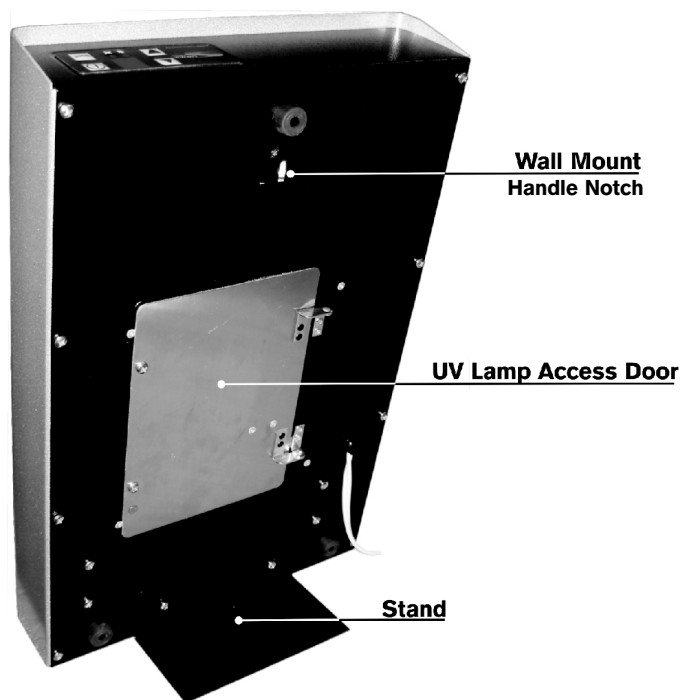


WARNING

Use only specified replacement Lamps with you Purifier. Use of an incorrect Lamp can result in damage to the Purifier and/or Lamp.



OPEN UV LAMP ACCESS DOOR. Slide the Lamp's porcelain end-cap (with the 4 pins) through clamp bracket. Be sure to notice the Tension Lever is down.

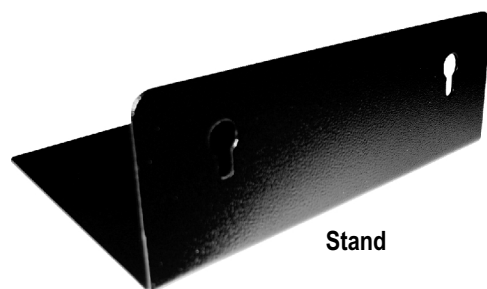


Tension Lever is UP locking Lamp in place

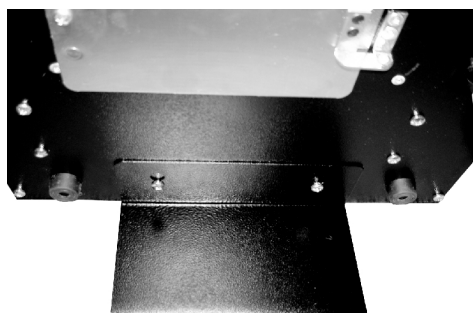
Once the Lamp's end-cap is in place, pull the Tension Lever UP to lock the Lamp in place. If the Lever is loose, just turn Lever clockwise a turn or so. Close and tighten the UV Lamp Access Door.



Stand Installation

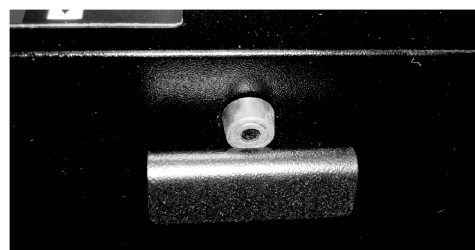


Loosen the two bottom screws between the two rubber feet.



Slide the Stand through the two screws and tighten.

Handle Installation



The Handle fits into the Wall / Handle Notch just under the middle rubber foot. Slide the Handle in and tighten the phillips screw.

The use of Ultraviolet Light for Air Purification is perfectly safe when following these FIVE cautions:

WARNING

Before installing UV Lamp or performing maintenance or service on the air purifier, unplug power cord from wall socket disconnecting power.

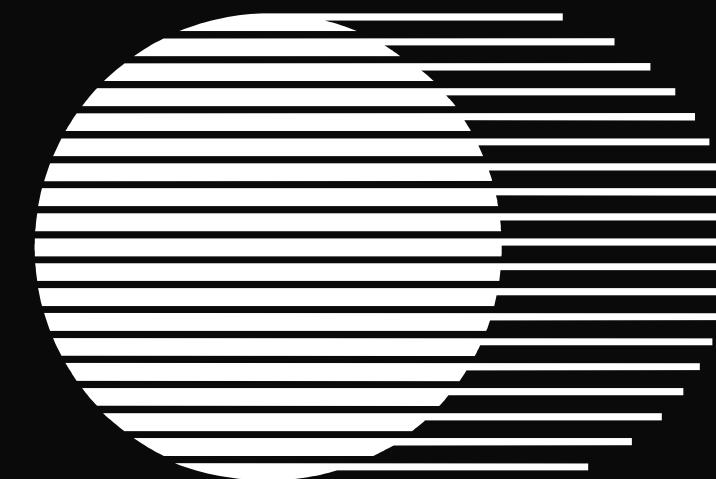
Never expose eyes or skin to ultraviolet light from any source. The Purifier **MUST** be **DISCONNECTED** from power source before performing maintenance or service. Personal injury may result.

Do not touch Lamp glass without gloves. Reduced performance of Lamp may result. Clean Lamp after handling.

The UV Lamp contains a small quantity of mercury. If a Lamp breaks, clean and dispose with care.

Use only specified replacement Lamps with your Purifier. Use of an incorrect Lamp can result in damage to the Purifier and/or Lamp.

**P900GX
OWNER'S
MANUAL**



PLEASE SAVE FOR YOUR RECORDS

Date Installed: _____

Installed By: _____

Installers Contact info.: _____

Congratulations on the purchase of your new Sanuvox Ultraviolet Air Purifier. Sanuvox UV Air Purifiers are the most advanced Air Purification Systems available, having been proven to destroy up to 99.999% of Biological & Chemical contaminants that circulate throughout your home or facility. Sanuvox Systems have been tested by The EPA (Environmental Protection Agency), The National Homeland Security Research Center, Medical Universities and Independent 3rd Party Laboratories.

The P900GX is designed to treat up to 900 square-feet of space destroying biological & chemical contaminants.

ULTRAVIOLET LAMP INSTALLATION / CHANGE-OUT

1. Unplug P900 from wall outlet
2. Turn upside down and place on soft surface to protect top of the P900
3. Remove 2 screws from the Lamp Access Door
4. Slowly open door on the hinge. Note that there is a cut-off switch to cut power to the P900 when the Lamp Access Door is opened
5. When Lamp Access Door is approximately 90 degrees open, hold the Lamp by the ceramic socket
6. Remove the white plug from the Lamp
7. Move the Lamp Clamp Lever downward to loosen the clamp on the Lamp
8. Slowly remove the Lamp
9. Insert the new Lamp
10. Lift the Lamp Clamp Lever so that it is perpendicular (at 90 degrees) to the Lamp
11. Holding the Ceramic base, attach the plug to the lamp. The plug will fit in one direction only. It may be necessary to rotate the plug 90 degrees to attach it
12. Close the Lamp Access Door and secure it with the two screws

CLEANING THE INLET FILTER

1. Remove the two thumbscrews on the top of the filter frame
2. Remove the filter frame
3. Remove the plastic Inlet Grill
4. Remove the Aluminum Filter. The filter can be washed in a mild detergent, soap and water
5. When filter is dry, re-install it on the inlet posts
6. Replace the plastic grill
7. Replace the Filter Frame
8. Reattach the Thumbscrews

FAN

System is designed to control the TDCEF-05019A12-H-12-BAL 12Volt brushless DC fan motor. Operation with other types of fan may not be optimal and may void the warranty.

Trouble-Shooting the UV Lamp

Checking the UV Lamp

Sanuvox Ultraviolet Lamps are built to the highest standards. If at anytime you cannot see the 'Glow' of the UV Lamp through the outlet louvers it may be because the Lamp has failed. To check the UV Lamp DISCONNECT FROM POWER SOURCE (Steps 2-6). Disconnect the socket from the Lamp.

Placing one of the probes of an ohmmeter to one of the four pins on the end of the Lamp, touch the other probe of the ohmmeter to each of the other pins until you find the matching pin. The ohmmeter will read approximately 3 ohms (almost a short). This indicates that the filament is good. Check the other two pins. If both sets of filaments test OK, the Lamp is functioning. If one or both sets of filaments read an open circuit (infinity) on resistance, the Lamp is defective.

CONTROL PANEL FEATURES

Run time can be set between 1 to 9 hours and "C" (Continuous operation). Variable Fan Speeds can be between 1-9 (low-high)

OPERATION

1. The P900 has a control panel/display comprising of four buttons, two LED indicators, and a single digit 7-segment numeric display.
2. The user can select the fan speed and operating times for the P900, as described below. Run time can be set 1 to 9 hours and "C" (Continuous). Fan Speeds can be set between 1-9 (Min-Max).
3. When power is applied, all functions are OFF.
4. The ON/OFF Push-button will start the operation: the default fan speed is set to setting 3 which is considered 'Optimum Performance'. The default operation time is set to continuous at setting 'C'. These values may be changed as described below.

During operation, the LEDs and display toggle every 5 seconds between TIME and FAN setting display, showing time remaining and fan speed. After the set time has elapsed, Lamp and fan will shut off and displays are also off. Operation will resume at default speed/time when ON/OFF is depressed again.

5. When the MODE button is depressed during operation, the controller goes to SETTING mode; one LED is "on" continuously, the other flashes. The value associated with the flashing LED is shown in the LED display window, and may be adjusted. UP Arrow Button and Down Arrow button can be used to change values.

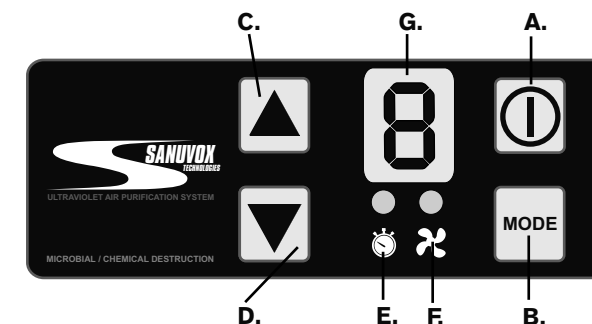
The MODE button will toggle between the TIME and FAN display allowing them to be set. If no button is depressed, after a short period of inactivity, the control returns to READY mode.

6. Defaults: At power up, the Run time is set for "C" (continuous operation) and Fan speed 3 (optimum performance). The fan is always running when the lamp is on.

Fan Speed & Timer Function can be changed at any time to suit individual preferences.

MAINTENANCE

There is very little maintenance to be done on the P900GX. Periodic cleaning of the inlet filter should be performed. The UV Lamp can function for many years, but over time the Germicidal UV wavelength does decrease. For best results, the UV Lamp should be replaced every 3 years guaranteeing the highest performance from you P900GX.



- A. Power On / Off button
- B. Mode Button: Select between 'Timer Mode' & 'Fan Speed'
- C. Up: Use to increase Time and/or increase Fan Speed
- D. Down: Use to decrease Time and/or decrease Fan Speed
- E. When 'Timer' LED flashes it is in 'Timer Mode' and the Time in hours will be shown in the 'Display Window'.
- F. When 'Fan' LED flashes it is in 'Fan Speed Mode'. Fan speed will be shown in the 'Display Window'
- G. LED Display Window: Numeric digit corresponds to either 'Fan Speed' or 'Time' in hours remaining

Example: 6 hour operation on Fan Speed 2



Press Power Button. Press MODE and the TIMER LED will blink. Use the UP ARROW to set 6 hours. (When the purifier is turned on, it is automatically set on 'C' (continuous operation). You have a choice between 1-9 hours & 'C' for continuous operation.



Now press MODE to select 'Fan Speed'. The FAN LED will now blink. Use the DOWN ARROW to select FAN SPEED 2. When the purifier is turned on, it is automatically set on 'Optimum Performance' fan speed (setting 3).



That is it. You have now set the TIME and Fan Speed. After 10 seconds, the LEDs will alternate every 5 second corresponding to 'Timer' and 'Fan Speed'. 'Fan Speed' and 'Timer' can be changed at any time by pressing MODE again.