

VP900 INTERCEPTOR 12V AIR DISINFECTION UNIT FOR VEHICLE

Photos illustrating products are non contractual.



PLEASE SAVE FOR YOUR RECORDS

DATE INSTALLED: _____

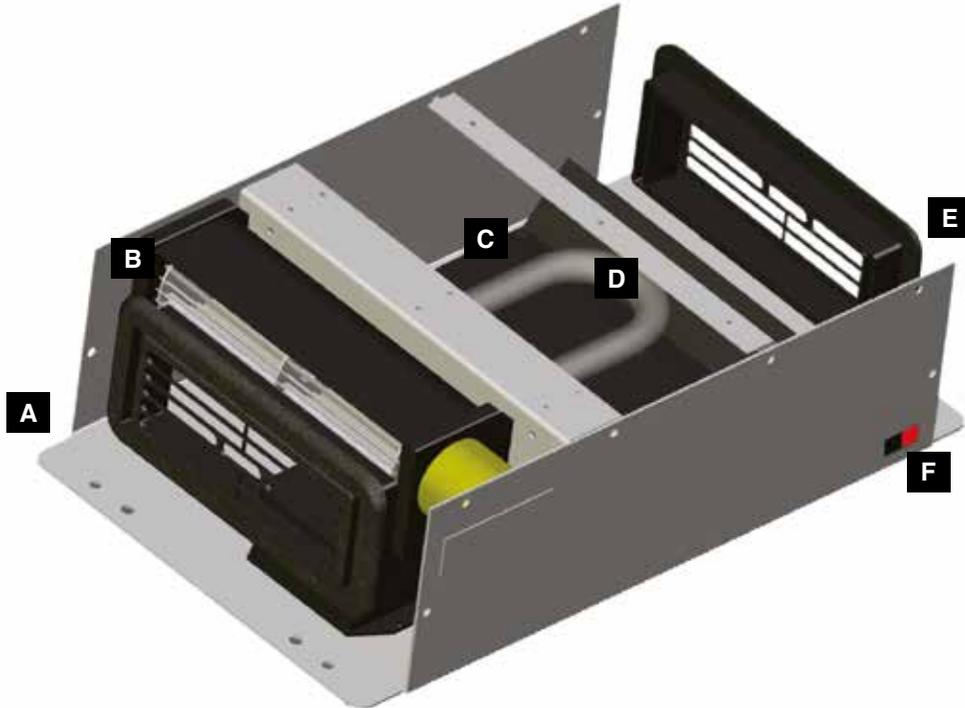
INSTALLED BY: _____

INSTALLER CONTACT INFO.: _____

INSTALLATION MANUAL

Congratulations on the purchase of your new Sanuvox UV air disinfection unit. Sanuvox UV systems are the most advanced, having been proven to help reduce up to 99.99% of biological and chemical contaminants. Sanuvox systems have been tested by the National Homeland Security Research Center, medical universities and independent third party laboratories.

The VP900 Interceptor is designed to disinfect the air up to 900 square feet of space, helping reduce biological and chemical contaminants. The included UV lamp is already pre-installed at the factory.



- A. Air inlet
- B. 12V DC blower
- C. Aluminium reaction chamber
- D. Patented UV 'J' lamp, made of quartz
- E. Air outlet
- F. ON/OFF switch

Air moves parallel over the UV lamp, maximizing exposure time between the biological contaminants and the UV light.



The UV help reduce both biological and chemical contaminants.

⚠ WARNING ⚠

The unit **MUST BE DISCONNECTED** from all power sources before installing a UV lamp or performing maintenance or service. Never directly expose eyes or skin to the UV light. Do not touch lamp glass without gloves: reduced performance of lamp may result. Clean lamp after handling. UV lamps contains a small quantity of mercury: if a lamp breaks, clean and dispose with care. Use only Sanuvox branded replacement lamps with your unit: the use of any other lamp will void your warranty and may result in damage to the unit and/or lamp.

INSTALLATION MANUAL

UV LAMP REPLACEMENT

You can validate at anytime that the UV lamp is functioning by viewing the "UV Port" which is found mounted in the "Lamp Access Door".

1. Disconnect power to the unit.
2. Remove the four (4) screws on the top of the VP900 Interceptor with hold the lamp access door in place (Figure A).
3. Carefully remove the white plug from the lamp.
4. Move the lamp clamp lever downward to loosen the clamp from the lamp.
5. Slowly remove the old lamp.
6. Insert the new lamp.
7. Lift the lamp clamp lever so that it is perpendicular (at 90°) to the lamp.
8. 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° to attach it.
9. Replace the lamp access door.

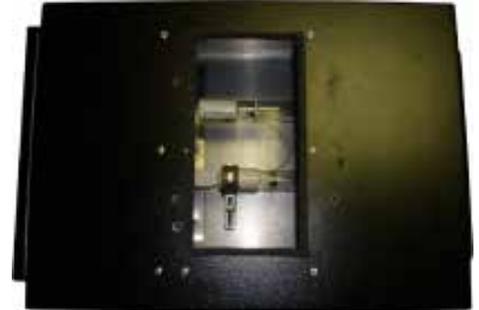


Figure A

AVAILABLE VOLTAGES

(Must be specified before ordering)

VP900 Interceptor 12 VDC (12V) :

Must be wired to a 12V source.

The RED is positive, BLACK or WHITE is common.

VP900 Interceptor 110 VAC (110V) :

May be plugged into an outlet.

TROUBLESHOOTING THE UV LAMP

Sanuvox UV 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 SOURCES (steps 2-6 of UV Lamp Replacement). Disconnect the plug from the lamp.

Placing one of the probes of an ohmmeter to one of the four (4) 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 (2) pins. If both sets of filaments test OK, the lamp is functioning. If one of both sets of filaments read an open circuit (infinity) on resistance, the lamp is defective.

OPTIONS

VP900 Interceptor Timer : Allows for the VP900 Interceptor to turn "ON" and "OFF" on a pre-determined schedule. Only available on 110V model.

Duct Kit : Includes a pair of adaptors (rectangle to 4" round), a pair of 4" louvers and four (4) clamps to hold the flexible aluminum 4" duct in place (duct not included). This allows the VP900 Interceptor to be placed behind a wall or hidden from view.

MAINTENANCE

There is very little maintenance required on the VP900 Interceptor. Periodic cleaning should be performed. The UV lamp may function for many years, but over time, the UV efficiency decreases. For best results, the UV lamp should be replaced every 3 years, guaranteeing the highest performance from your unit.

INSTALLATION MANUAL | DUCT KIT (OPTIONAL)

You will need a drill and a 1/4 HEX socket to install this kit.

STEP 1 Air Inlet



Before



After

1. Remove the two (2) thumb screws.
2. Remove the black frame.
3. Remove the filter cover.
4. Install the duct adapter plate.
5. Replace the two (2) thumb screws and tighten.

STEP 2 Air Outlet



Before



After

1. Remove the louver.
2. Align the duct adapter plate as per "After" picture.
3. Use a drill with the 1/4 HEX socket and the self tapping screws in the kit.
4. Install the duct adapter plate.



Replacement Parts for VP900 Interceptor

BST120/240GL	120/230 V ballast
MSCFTR7	Metal inlet filter
MSCFTR8	Inlet Grill
MSCMTR8	Motor assembly
MSCCON1	WHITE Gaynor plug for UV lamp
LMPRGJ65	T6 Germicidal 6.5" UV 'J' Lamp