



## OS36 & OS72 UV Air Treatment System



OdorStop, LLC  
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Phone: 1 (888) 956-7468  
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[www.OdorStop.com](http://www.OdorStop.com)

Purchase Date: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchased From: \_\_\_\_\_

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OS36OS72-061616

Thank you for purchasing this OdorStop product. Please read the instructions carefully and follow all warnings. All OdorStop products are manufactured to be simple to use and provide years of worry free service when the recommendations in this manual are followed. Please call OdorStop at 1(888) 956-7468 with any questions or concerns.

## **WARNINGS**

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### **UV LIGHTS CAN BE HARMFUL TO BARE SKIN AND EYES AND CAN CAUSE TEMPORARY OR PERMANENT LOSS OF VISION.**

- Never look at bulbs while illuminated.
- Disconnect power to the unit before servicing any part of HVAC system.
- Do not mount the unit in location that allows the UV light to be seen while in use.
- Unit has no serviceable parts and should never be opened.
- Power supply can cause electrical shock and death.
- Disconnect power supply before cleaning or replacing UV bulb(s).
- UV bulbs are made of glass and can cause personal injury.
- Wear protective gloves when handling bulb(s).
- Unit should be turned off at least 15 minutes before removing UV bulb(s).
- UV Bulbs contain mercury and must be disposed of properly.
- Sweep up any broken glass and do not use a household vacuum.
- Take proper care when cutting holes or working with sheet metal as edges are sharp and can cause severe injury and death. Wear protective gloves, eye, ear and face protection.
- To prevent water damage or electric shock, do not mount unit under a humidifier.
- Unit is designed for indoor installation on a closed duct system and should never be installed near a return air opening.
- Be sure you are familiar with and are able to safely use all tools required for installation.

# INSTALLATION

## How To Install Your OdorStop UV Air Treatment System

If your heating/cooling (HVAC) system is equipped with air conditioning, it is recommended that the UV Air Treatment System (unit) be mounted directly above the cooling coil. The OS36/OS72 can prevent the growth of a high percentage of micro-organisms such as mold, bacteria and viruses on surfaces such as cooling coils, drain pans and duct work.

### Selecting Mounting Location

1. The unit can be mounted in any orientation, but should be mounted in a way that the LED indicator light(s) can be seen.
2. Choose a location that will make changing/cleaning of the UV bulb(s) easy.
3. Install unit on a flat surface of the duct work ABOVE the air conditioning cooling coil ("A Coil") if your HVAC system has air conditioning. If your HVAC system does not have air conditioning, the unit should be installed on the supply air duct if possible. The unit can be installed on a return air duct if necessary.

**CAUTION:** DO NOT install the unit in the "A coil" or under a humidifier as damage may occur. If you are unsure if you have chosen a correct mounting location, refer to your HVAC system's owners manual or call a qualified professional for assistance.

4. Select a mounting location that has a minimum depth of 17 inches. The UV bulb is 16 inches long and must have adequate clearance.
5. Be sure to locate the unit away from any plastic or rubber components that may be damaged by UV light. If mounting options are limited, plastic and rubber may be covered with aluminum foil duct tape in order to protect them from the UV light.
6. The unit has a 6 foot long power cord and must be installed within reach of a 120 Volt grounded power outlet. Have a qualified professional install a properly grounded power outlet if there is not one within range of the power cord.

### Included:

- UV Unit
- 4 Sheet Metal Mounting Screws
- UV lamp(s) -1 for OS36, 2 for OS72
- Spare Fuse
- Instruction Manual

### Tools Required For Installation:

- Drill
- 1/4" Nut Driver
- 3/32" Drill Bit
- 2 1/2" Metal Cutting Hole Saw



## Installing Unit in Duct Work

**CAUTION: BE SURE TO WEAR APPROPRIATE PROTECTION AS CUTTING METAL IS LOUD AND PIECES MAY BE SHARP AND HOT (I.E. HAND, EAR, EYE, AND FACE PROTECTION)**

1. Disconnect power to the HVAC system before installing the unit.



2. Cut out the template from the back page and tape it to the duct work in intended installation position.



3. For OS36: drill pilot holes **1-5** with a 3/32" drill bit where indicated.  
For OS72: drill pilot holes **1-6** with a 3/32" drill bit where indicated.



4. **For OS36:** cut one (1) - 2 1/2" hole in duct as where indicated.

**For OS72:** cut two (2) - 2 1/2" holes where indicated. Remove any burrs and be sure duct surface is flat after cutting hole(s).





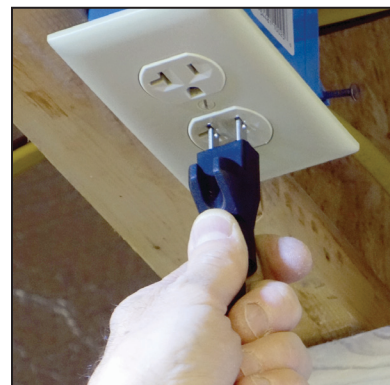
5. Install the bulb in the unit by sliding the bulb in from the outside until the bulb snaps into place. Insert the unit into the metal duct work. If you touch the bulb with your hands, use a cloth to wipe any fingerprints from the bulb(s).



6. Attach the unit to duct work with the supplied 4 sheet metal screws using a 1/4" nut driver. Make sure to tighten screws evenly. The unit has a factory installed gasket that ensures a tight seal between the unit and the duct work. Be sure the unit is flat against the duct work on all sides. **CAUTION: DO NOT OVERTIGHTEN SCREWS.**

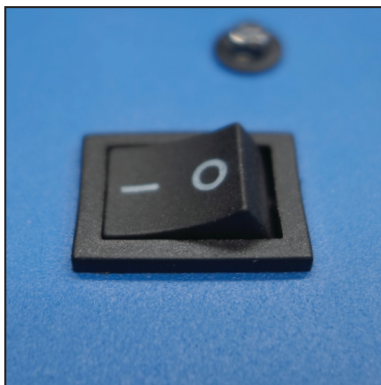


7. Plug the unit into a grounded 120 volt power outlet.



8. Turn unit on and verify that the LED indicator light(s) located near the on/off switch is/are illuminated.

The switch is in the on position when the solid line on the switch is pressed down. If the green LED light(s) are not illuminated, see troubleshooting section.



9. Reconnect the power to the HVAC system.
10. The unit is now operational and does not need to be powered off unless cleaning or bulb replacement is necessary.



**NEVER LOOK DIRECTLY AT OR TOUCH A UV BULB WHILE ILLUMINATED.**

## **Maintaining Your UV Air Treatment System**

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In order to keep your unit operating at maximum effectiveness, it is recommended that you clean the UV bulb(s) every 3 months and replace the bulb(s) every year.

### **Bulb Cleaning and Replacement**

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1. Disconnect the power to the HVAC system, unplug unit, and allow UV bulb(s) to cool for at least 15 minutes before attempting to remove the unit.
2. Remove 4 sheet metal screws and slide the unit out of the duct work.
- 3a. **To Clean:** Hold the unit securely and wipe the UV bulb(s) with a soft cloth dampened with glass cleaner. If you touch the glass with your hand, be sure to wipe away any fingerprints or dirt with cloth. Make sure the bulb is clean and dry before installing unit back into duct.
- 3b. **To Replace:** Visit [www.OdorStop.com](http://www.OdorStop.com) to purchase new UV bulbs if needed. Use of any bulb not approved for the unit will void the warranty and could cause serious injury or damage. Hold the unit securely and push the bulb release button to remove the UV bulb. Install the new bulb into the unit by sliding the bulb in from the outside until the bulb snaps into place. If you touch the bulb with your hand, be sure to wipe away any fingerprints or dirt with a soft damp cloth. Make sure the bulb(s) is/are clean and dry before installing the unit back into the duct.
4. Re-install the unit into the duct work and re-install the 4 sheet metal screws. Tighten screws evenly until unit is securely in place. **DO NOT OVERTIGHTEN SCREWS.**
5. Reconnect the power to the HVAC system and plug the unit back into a 120 volt grounded power outlet.
6. Turn the unit on and verify that the LED indicator light(s) located near the on/off switch are illuminated. If the green LED light(s) is/are not illuminated, see the troubleshooting section.

**NEVER LOOK DIRECTLY AT OR TOUCH A UV BULB WHILE ILLUMINATED.**

## Troubleshooting

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The OdorStop UV Air Treatment System is equipped with LED indicator light(s) that verify the unit is working properly. The OS36 has 1 LED and the OS72 has 2 LEDs.

**For OS72:** the LED light closest to the on/off switch indicates the status of the UV bulb farthest from the on/off switch.

**Note:** The LED light(s) will not shut off when the bulb(s) need replacement. They will only shut off if the bulb breaks or burns out. The OS72 will operate with one properly functioning bulb. For maximum effectiveness, both bulbs should be operating properly.

LED lights indicate the following:

- If the LED light(s) is/are green, the UNIT and BULB(s) are functioning properly.
- If one or both LED lights are blinking, the UNIT is faulty and must be replaced.
- If one or both LED lights are not illuminated, the following are possible causes:
  - There is no power to the unit - turn on the power supply or plug in the unit.
  - The on/off switch is in the “off” position - place switch in “on” position.
  - The bulb(s) is/are faulty - replace bulb(s).
  - The fuse on the unit is faulty - replace the fuse.
  - The LED light has failed - the unit must be replaced.

## LIMITED WARRANTY

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**LIMITED WARRANTY:** OdorStop, LLC warrants to the original retail purchaser of this UV Air Treatment System (the "unit") against any defect in materials and workmanship as follows: For two (2) years from the date of retail purchase, OdorStop, LLC, at its option, will replace or repair the unit without charge to the customer. Any repair or replacement of the unit will be warranted only for the balance of the original warranty period or ninety (90) days, whichever is greater. The following will void and/or are not covered under this limited warranty: a) Damage caused by improper use or improper installation. b) Fuses and UV bulb(s). c) Disassembling of the unit for any reason. d) Cosmetic damage or any damage caused by misuse, improper maintenance, connection to improper voltage supply, accidents, acts of God, abuse, negligence, damage caused during shipping, modifications, or attempted repair by anyone other than OdorStop, LLC. e) Alteration or removal of factory-applied serial number. This limited warranty is not transferable to any subsequent purchaser or owner of the unit.

**TO OBTAIN WARRANTY SERVICE:** The owner must return the unit in suitable packaging, postage prepaid, to OdorStop, LLC International, 5139 Southwestern Blvd, Hamburg, NY 14075, and include (i) proof of retail purchase, (ii) the date of the failure and (iii) a description of the failure.

The obligations of OdorStop, LLC herein are granted in lieu of all other warranties, expressed or implied, including but not limited to the warranties of merchantability of fitness for a particular purpose. The remedy provided in this warranty is exclusive and is granted in lieu of all other remedies. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

In no event will OdorStop, LLC International be liable for loss of use of the product, loss of profits, direct damages, indirect damages, consequential damages, and/or incidental damages by reason of injury to any person, due to any defect or malfunction of unit or any part(s) thereof, or for any other reason. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

This warranty gives you specific, legal rights, and you may also have other rights, which vary from state to state. Owner's acceptance of the product and use thereof constitutes acceptance of these terms.

Warranty return address: OdorStop, LLC, 5139 Southwestern Blvd, Hamburg, NY 14075



----- Cut here and return with copy of receipt within 10 days of purchase. -----

To register warranty, please fill out card completely and mail within 10 days of purchase with a copy of original receipt to: OdorStop, LLC, 5139 Southwestern Blvd, Hamburg, NY 14075

Name: \_\_\_\_\_

Phone: (    ) \_\_\_\_\_

Email: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

Model #: \_\_\_\_\_

Serial #: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Purchased From: \_\_\_\_\_





**PRE-DRILL AND CUT  
FOR OS36 AND OS72**

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# OdorStop UV Air Treatment System

## OS36 / OS72 INSTALLATION TEMPLATE

**STEP 1** - DRILL PILOT HOLES WITH 3/32" DRILL BIT

**STEP 2** - CUT HOLES WITH 2 1/2" HOLE SAW



**CAUTION:** BE SURE TO WEAR APPROPRIATE PROTECTION AS CUTTING METAL IS LOUD AND PIECES MAY BE SHARP AND HOT. (I.E. HAND, EAR, EYE, AND FACE PROTECTION.)

**PRE-DRILL AND CUT  
ONLY FOR OS72**

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