

UV PRO 550TS, 1100TS ozone generator instruction manual

******IMPORTANT******

PLEASE RETAIN THE SHIPPING BOX AND PACKING FOR FUTURE USE!

If the product needs to be returned for any reason there may be a packing charge if the original packing is not used!

550S / 550TS & 1100S /TS operation and maintenance instructions

IMPORTANT!!!!

1. Read instructions thoroughly before operating!!

2. After shipping the unit via courier or after rough handling such as falling off a shelf open cabinet by following step 1 of the cleaning instructions. Check to make sure the UV tubes are in place. If the tubes have come out of place, re install them. If they are broken, wearing rubber gloves clean the glass out and replace the tubes.

**CAUTION, THIS OZONE GENERATOR PRODUCES DANGEROUS ULTRAVIOLET LIGHT,
DISCONNECT POWER BEFORE OPENING TO SERVICE**

SPECIFICATIONS FOR 550S /TS & 1100S /TS SERIES OZONE GENERATOR

Maximum output	550's:(550mg/hr) / 1100's:(1100mg/hr)
Fan (rated cfm)	105 cfm
Filter	1 Cleanable foam filters
Cabinet material	PVC outer cabinet with stainless steel inner chassis
Generation method	Ultraviolet Light
Weight and size	550S TS:(7.2lb) / 1100S /TS:(7.4lb) 17" long x 5 wide x 6 5/8 height (including handle)

INTRODUCTION

This line of ozone generators are designed for various uses. This ozone generator can be used for many uses such as deodorizing cars homes as well as oxidizing many organic contaminants.

WARRANTY (please refer to complete warranty attached)

The 550/1100 is warranted against defects in materials and workmanship for a period of 6 years from date of purchase. Liability is limited to parts and labor only. Shipping is the sole responsibility of the customer. CA is not liable for damage caused by shipping, misuse, neglect or lack of regular maintenance.

LIABILITY

CA assumes no responsibility for any damage done to items from the use or miss use of any product sold or manufactured by CA. It is the customers responsibility to test materials prior to use and to ensure that the procedure and installation technique they are using is correct for the application.

HEALTH AND SAFETY

Ozone can be an irritant and a powerful oxidizing agent. As with most all products, ozone is dangerous only when used improperly, as such it is important to follow safe usage guide lines.

When doing a shock treatment, no people plants or pets/animals may be in the room when the unit is running.
The room should not be re entered until all ozone has been depleted unless proper breathing respirators are used.

MAINTENANCE FREQUENCY

Under heavy duty use or severely polluted areas, The ozone generator filter should be inspected and cleaned if necessary every 2 to 3 weeks. Inspect the UV tubes for fine dust or residue collecting on UV generator tube surfaces. Light duty use requires cleaning every 2 to 6 months depending on the severity of pollution in the feed air. In dirty conditions cleaning can be as often as 4-6 weeks.

DESCRIPTION OF OZONE GENERATOR

These ozone generators produce ozone by UV light, converting normal oxygen to ozone gas which is a very strong oxidizing agent used to destroy odors and other organic contaminants.

PLACEMENT OF UNIT

This ozone generator is designed as a portable commercial deodorizing device. It uses 120VAC for North America, and 220-240VAC for European countries etc. European models come with an IEC connector and it is up to the customer to supply the proper cord (this can be acquired at any computer shop).

Please note the following points when placing the unit.

- Place on a flat solid surface such as a table or shelf. Do not place on rug flooring to reduce dust entering the unit
- Do not place in an area where the unit could be splashed with water, moisture or in an area that it could get flooded with water.
- Ensure that the unit gets proper fresh air flow. Do not obstruct the incoming or outgoing air from the unit.
- If used in temperatures below freezing, ensure that condensation inside the unit does not occur.
- Set the unit in an area where it will provide the best ozone distribution.
- The use of circulation fan will greatly increase the efficiency of the treatment.
- If the ozone generator being used is large enough to treat the whole house, the air handling system can be used to distribute the ozone, just point the ozone generator into the return air duct of the air handler, and turn the fan on to run constantly (summer fan setting on most furnaces).

550S / TS & 1100S / TS operation and maintenance instructions

SETTING OF MACHINE, 550S & 1100S

(Refer to ozone application/usage instructions for more detailed instructions.)

1. This series has controls that feature a On/off switch to power the unit and fan. Ozone production begins when the power switch is turned on or when the timer is set to go on.
2. This unit is designed exclusively for shock treatments.



SETTING OF MACHINE 550TS & 1100TS

(Refer to ozone application/usage instructions for more detailed instructions.)

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2. This unit is designed exclusively for shock treatments.

3. The CA one shot timer is designed to allow the user to turn on the ozone generator and have it turn off after a given amount of time. Depending on the ozone generator model purchased your timer may or may not have the same settings as the one shown in the pictures however the operation will be the same.

A. To turn the timer on to constant run (hold) simply press the button once, the top green LED will light up and after about 2 seconds the machine will turn on.

B. To set the timer for a one shot timed operation press the button several times until the LED beside the desired amount of time is lit up, after about 2 seconds the machine will start.

C. To stop the operation of the timer press and hold the button for 3 seconds until the LED goes out and the machine stops.



550S / 550TS & 1100S /TS TUBE REMOVAL & CLEANING INSTRUCTIONS

DISCONNECT POWER BEFORE SERVICING
DO NOT LOOK AT UV LIGHT
DO NOT OPERATE WITH end cap OFF!!

1. Remove the 2 Philips (star) screws from each side of the black end cap from the output end opposite of the handle end as shown. Remove the cap and set it aside



2. Remove the 2 Philips (star) screws from the bottom of the machine at the end that the cap was removed from. These are the 2 screws that are between the rubber feet. Hold the deflector while removing the screws.



3. To remove the tube grasp the end of the tube and gently pull it straight out. If it feels tight wiggle it from side to side while pulling straight out.



4. If you are replacing the tubes go to step #5 otherwise, take the tubes and use an alcohol moistened paper towel or a lightly soap and water moistened paper towel to wipe the tubes down and remove any deposits. If soap water is used then a second wiping with a clean water moistened paper towel will be required to remove the soap.

-Be very careful not to damage the 2 wires that run the length of the tubes

-Note that using alcohol will allow you to use the ozone generator as soon as it is re assembled.

-If water is used for cleaning allow tubes to dry in a warm place for a couple hours, ensure that they completely dry.

****If after cleaning the tubes they still have a hazy film, you will need to use a Scotch Brite cloth to scrub the film off.**

5. If dirty, wipe the inside of the unit with an alcohol soaked paper towel.

6. Remove the filter by removing the two Philips screws on the end with the switch and remove the cap.

7. Clean the foam filter with dish soapy water, and rinse thoroughly and allow to dry completely before re installing. Replace the filter placing it back into the ozone generator and re installing the end cap and screws.

If the filter is worn out or degraded replace it with a new one.

550S / 550TS & 1100S /TS TUBE REMOVAL & CLEANING INSTRUCTIONS

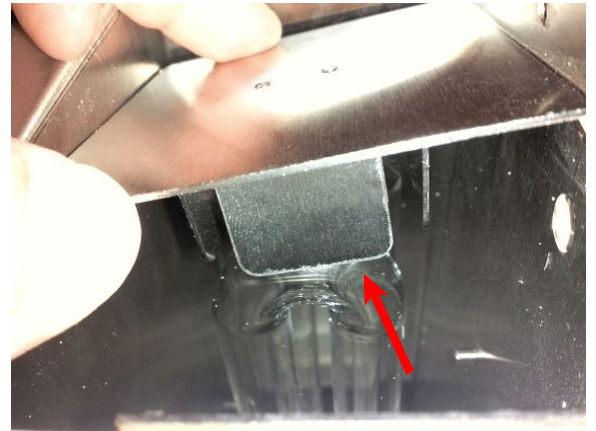
8. Reinstall tubes by inserting the 4 pins into the sockets.

****IMPORTANT NOTE****

Make sure all 4 pins are in the sockets!
If all 4 pins are not in the socket failure WILL happen.



9. When reinstalling the light deflector ensure that the tube is inserted into the tube holder bracket that is part of the light deflector.
Re install the 2 light deflector screws.



10. Replace the end cap and re install the 2 end cap screws. The unit is now ready for use.

6 YEAR INTERNATIONAL WARRANTY STATEMENT FOR THE FOLLOWING MODELS
PRO 200, 450, 970, 3400-1, 3600-1, 5000, 9,000,
UV PRO 550, 550AT, 1100T, 1100AT, 2800, 4000, 6800, HVAC 560, HVAC-C,

1. CAPS warrants that CAPS ozone generators will be free from defects in material and workmanship for a 6 year Period. The warranty period begins on the date of purchase. The original invoice is required as proof of purchase.
2. If an ozone generator is found to be faulty, CAPS will either repair or replace the faulty ozone generator at no charge provided that it is returned to our head office in Langley BC, Canada, transportation charges prepaid and properly packaged as to ensure that the equipment arrives safely.
3. To obtain warranty on your CAPS ozone generator contact CAPS prior to shipping the unit to obtain proper return procedures and an RA (return authorization number) number, see bottom for contact info.

Exclusions

- Damage caused by misuse, neglect or lack of regular maintenance.
 - Cost of installation or removal of the equipment.
 - Mica plates and UV tubes are limited to 6 months warranty.
- Wall transformers for DC powered units are warranted for 1 year.
- Damage caused by improper packaging or shipping procedures.
- Extra charges incurred as a result of improper packaging or shipping procedures.
- Missing serial numbers, if an ozone generator is missing a serial number the warranty is void with no exceptions.
 - Shipping to and from CAPS.

CAPS IS NOT RESPONSIBLE FOR ANY DAMAGES TO EQUIPMENT OR PROPERTY, LOST PROFITS, OR COSTS DUE TO USE OR MISS USE OF ANY CAPS PRODUCT.

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For how to information please go to:

<http://www.ozone.ca/modelselect/>

If you would prefer to download a pdf please go to:

<http://www.ozone.ca/support/inst-pdf/ozone-instructions.pdf>