



SSO-O3-CNN0#

Portable O₃ Generator

User Manual

Ver: 1.02



Certified by:



Application

1 - *Eliminates bacteria, fungi, microorganisms and viruses* - Ozone is an oxidizing agent capable of effectively oxidizing more than 99% of bacteria, fungi, microorganisms and viruses.

2 - *Complete disinfection of space* - Ozone is one of the most powerful disinfectants, 100% natural and dispenses with the addition of any chemicals. Being a gas disinfection system, it allows efficient disinfection of all corners of a space, including the base of furniture and desks that are usually forgotten. The Portable O₃ Generator is the ideal system to disinfect rooms, offices, small commercial areas, restaurants, clinics and other rooms where it is necessary to ensure a healthy environment.

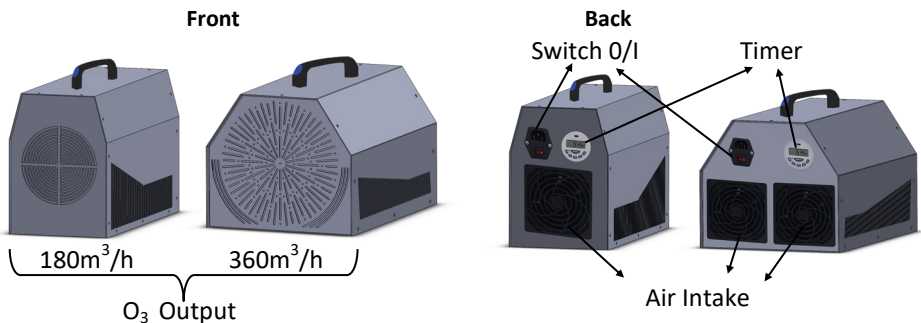
3 - *Removes obsolete odours* - The Portable O₃ Generator produces ozone, a powerful oxidizing agent that will oxidize harmful toxic elements and organic odours in the air, removing bad odours and reducing their toxicity without any secondary pollution.

4 - *Removes dust, pollen and germs* - The Portable O₃ Generator allows you to eliminate dust, smoke and pollen particles that cause allergies. Ozone is a powerful oxidizing agent that kills various bacteria and germs in the air.

Specifications

Model	SSO03-CNN03		SSO03-CNN06	
	A	B	A	B
Ozone Output	10g/h		20 g/h	
Flow	180 m ³ /h	360 m ³ /h	180 m ³ /h	360 m ³ /h
Thermal Protection	Yes		Yes	
Rated Power	1 A	1,5 A	1,5 A	2 A
Voltage	240 V AC		240 V AC	
Automatic Timing	Yes		Yes	
Material	Stainless Steel		Stainless Steel	
Dimensions (LxHxW)	18,5 x 30 x 41,5 cm	29,5 x 30 x 41,5 cm	18,5 x 30 x 41,5 cm	29,5 x 30 x 41,5 cm
Weight	5,900 Kg	6,250 Kg	7,600 Kg	8,050 Kg

Equipment Structure



Operating Instructions

1.1 - Remove equipment and power cord from the box.

1.2 - Turn on the power cord.

1.3 - Confirm that the timer indicates the correct time and day. If they are not, adjust for the current day and time.

1.4 - To switch on the device press the 0/I button to position I. A red light will light up, which means the device is switched on.

1.5 - To switch off the equipment press the 0/I button to position 0. It will turn off the red light, which means that the equipment is off.

2 - Manual Operation

2.1 - Confirm that there are no people or animals in the room to be disinfected (some plants are not ozone-resistant so to raise the concentration to levels of disinfection you should remove them from the space). Close all doors or windows.

2.2 - Connect the device to the electrical power, press the 0/I button to position I (the 0/I button light will be on) and then press the Manual button of the timer which will turn on a red light on the timer. The equipment will start producing ozone immediately, so you should leave the room and close the door (to calculate the time of operation, see page 4).

2.3 - At the end of the time, enter the room, turn off the equipment (first on the Timer Manual button, then put the 0/I button at 0) and leave the space immediately, closing the door.

2.4 - Return to the room after 30 minutes, after the ozone time of dissipation in the room.

Note: DO NOT BREATHE OZONE DIRECTLY. After turning on the equipment LEAVE THE SPACE IMMEDIATELY and only return to turn it off. According to OSHA standards, people should not remain in a space where ozone is being produced for more than 1 minute per 30 m².

3. Automatic Operation

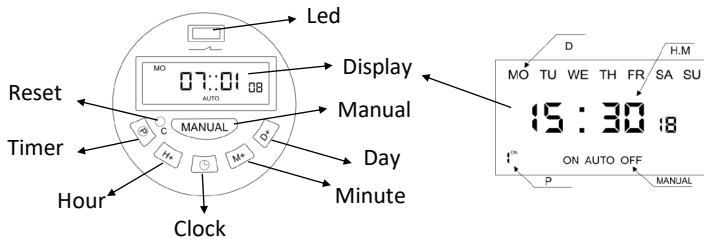
3.1 - Confirm that there are no people or animals in the room to be disinfected (some plants are not ozone-resistant so to raise the concentration to levels of disinfection you should remove them from space). Close all doors or windows.

3.2 - Connect the device to the electrical power, press the 0/I button to position I (the 0/I button light will be on) and then set the timer for the desired disinfection periods. The equipment will start producing ozone according to the programmed times. At the end of the time, the equipment will stop producing the ozone.

3.3 - Ensure that the disinfection schedule is for periods when no one is in the space and ensures the end of the cycle with a minimum safety interval of 30 minutes before someone returns to the space, to fully dissipate the ozone in the air.


3.4 - You can return to the room after 30 minutes, so that you wait for the ozone dissipation time in the room, at the end of that period, switch the 0/I button at the 0 position and if you wish, disconnect the equipment from the current.

Timer



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- ✓ To start, press the RESET button. Set the local time by pressing the CLOCK, and the D+, H+ or M+ buttons to adjust the current local time.
- ✓ The timer allows the configuration of 20 automatics On/Off programs, enabling the manual operation overlap.
- ✓ Time setting shall be performed according to a time sequence and shall not be performed in a cross-over manner.
- ✓ The programming system will automatically shut down if you don't have an operation in 10 seconds.
- ✓ Functions 3, 4 and 5 cannot be used simultaneously.
- ✓ Making the timer programming according to the following steps:

Step	Key	Programming
1	Press P	Setting 1 ON (Display 1 ON)
2	Press H + / M+	Setting hours and minutes
3	Press D +	To select same configuration everyday, or different times each day
4	Press P	Setting 1 OFF (Display 1 OFF)
5	Press H + / M+	Setting hours and minutes to turn off
6	Press D +	If you want the same everyday, you don't need to press this key
7	Repeat steps 2 - 6	Set programs 2 – 6 on and off time
8	Press 	End – If you do not require 16 setting press "End" to the end

- ✓ To put the device in manual mode, press the MANUAL button and the led of the timer (above the display) will light up. To end the operation in manual mode, press again the MANUAL button and the led will disappear
- ✓ The calculation of the running time shall be made using the volumetric area (width x length x height of the room) of the room to be disinfected and depending on the room's risk rate.
- ✓ In rooms of reduced risk, the air should circulate 1 time within the equipment, in rooms of high risk, the air should circulate 2.5 times. For example, in a reduced risk room with 45m³, the treatment time will be 15 minutes plus 30 minutes of dissipation. If the same room was at moderate risk, the treatment time would be 26.25 minutes plus 30 minutes of dissipation. In a high-risk room, 37.5 minutes of treatment time plus 30 minutes of dissipation.

Included

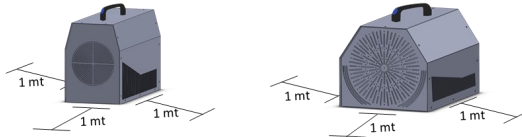
- Equipment (Model SSO-O3-CNN03-A/B or SSO-O3-CNN06-A/B);
- Power Cord of 1,8mt

Note: The button 0/I includes a 1 A fuse (Version A) or 2 A fuse (Version B).

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Precautions

- 1 - Follow the instructions of this Manual carefully.
- 2 - If the Button 0/I does not light up, check the fuse.
- 3 - Place the equipment on a stable and flat surface. The equipment must not be put into operation suspended by the handles.
- 4 - Ensure that the equipment is placed in a place where it can operate without obstacles.



- 5 - Avoid being enclosed in the same space as the equipment while it is in operation. Limit the contact time to the minimum (only necessary to switch the equipment on or off in manual mode and exit). Use the equipment in automatic mode whenever possible.
- 6 - Respect the ozone stabilization/dissipation time at the end of each use. In order to ensure all safety procedures and increase the efficiency of disinfection treatment, respect the 30 minutes of ozone dissipation in the air, avoiding opening the room.
- 7 - Do not breathe ozone directly.
- 8 - Breathing ozone directly can be toxic, OSHA regulations must be respected. Avoid smelling or breathing directly on the air outlet of the equipment.
- 9 - Do not remove the screws from the equipment, in addition to violating the guarantee, there is the risk of electric shock. Even disconnected from the power, remember that this equipment works at high voltage.
- 10 - Do not cover the equipment while in operation.
- 11 - Do not introduce any objects through the ozone outlet grilles, as it may cause equipment failures or cause a short circuit.
- 12 - Keep the equipment away from water and/or moisture sources.
- 13 - Clean the equipment with a clean, dry cloth. Do not use abrasive products.
- 14 - When not in operation, store the equipment in a dry place and at room temperature.

Guarantee

1 - This equipment has a free 2 years guarantee period, if the equipment fails in normal use, according to the manual instructions (determined by the company). To activate it, you must present the invoice and the guarantee card.

2 - During the guarantee period, the following conditions are not covered:

- Do not present the guarantee card and invoice;
- Failures and damages caused by improper use or improper repairs;
- Failures and damages caused by transport and fall;
- Failures and damages caused by other external factors, natural disasters or other human factors;
- Failures and damages caused by falling water or other equipment solutions;
- Failures and damages caused by the use of energy or voltage other than those specified;
- Failures by different use from what is specified in this manual.

Guarantee Card

Full name		Phone Number	
Address			
Invoice nr.		Purchase Date	
Maintenance Record			
Date of Maintenance			
Analysis			
Result			
Clerk signature			



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