

Distributor

SERVIOZONO₃

**TOP
ZONO[®]**



Ozone Generator

P 1000 V TA

Ozone Generator MOD P-1000 V TA



Please read this manual carefully before installing and/or connecting the generator



Precaution: Do not manipulate or open the generator while it is connected to the electrical



Do not use in environments where the temperature may exceed 50°C



Protect it from the outdoors and preserve it from damp and/or corrosive environments

The P-1000VTA model is an Ozone Generator for portable ambient air treatment applications. The ozone is expelled from the front through the diffuser grille by means of an internal fan. This model is built in a stainless steel case and is equipped with a cyclical timer to control the production time.



INSTALLATION AND FUNCTIONING

The P-1000VTA model is a portable ozone generator for deodorization applications. Does not require installation. Easy to transport and handle, it is only necessary to take it to the room to be treated and connect it to the electrical network.

It is important that these generators are not placed in dirty environments (dust, grease) and/or in very humid environments, since the air for ozone production is taken from the same room where it is located.

Dirt from the environment could stick to the generator valves and reduce their performance. This is solved with a simple cleaning of the valves.

On the back are located:

- Start-up switch
- Connector for the network wire
- Timer (rotary knob and led lights)
- Air filter (removable by 4 screws)



Once the generator is installed, connect the power switch and it will work continuously controlled by the timer.

The P1000V TA model incorporates a small, easy-to-use cyclic timer, whose operation is indicated by two LEDs (Blue - connected, red - running).

By means of the rotary control located between the two light indicators we can vary the starting and stopping time, to carry out the regulation of the generator. The timer will always give us a minimum stop time, even if the knob is turned completely to the right (maximum time). During the stop time, the red led (active) will remain off

Connect the generator to the 230V network through a plug equipped with an earth connection. Activate the start switch and the equipment will start to work.

The regulation of the production is carried out by time, by means of an analog cyclic timer, being able to regulate the operating time and the stop time within that cycle, which will be repeated indefinitely. This is the way to regulate the production, since the ozone generation is measured in mg/h, by regulating the operating time we manage to regulate the production. The cycles are from 4 to 7 minutes depending on the model.

Regardless of the regulation timer, any type of external timer can be used (to control use at specific times or days) and even connect the power supply in parallel with the air supply system in air conditioning ducts, etc.



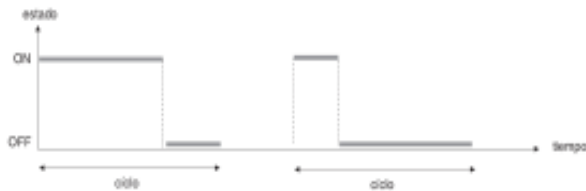
Indicative Generator Active (producing O3)

Turning the knob clockwise increases the operating time and reduces the stop time. Turning it in the opposite direction, the reverse effect is obtained

Indicative of Generator operation

The operation of the timer is cyclical. The start and stop cycle will be repeated indefinitely.

With a constant period of time, increasing the operating time proportionally decreases the stopping time (and vice versa).



Note: Due to the construction of the timer itself, some initial cycles may be slightly longer.

APPLICATION

Ozone is a variation of oxygen with a molecule made up of three atoms. This molecule decomposes easily, releasing an oxygen atom, which reacts in chemical combination with air pollutants, acting mainly on organic compounds as well as on bacteria, viruses and fungi, destroying them and preventing their formation.

Ozone, due to its great oxidizing power, has among others the following properties:

- Elimination of odors, bactericide, sterilization, ...

With what we manage to eliminate:

- Bad odors, caused by tobacco, drains, animals , prod . chemicals
- Germs from the environment and the materials that harbor them (curtains, upholstery, carpets, ...)
- The sensation of rarefied air

We can use it in all types of industrial, commercial or domestic installations where there are odors or risk of contamination, or simply where you want to increase well-being.

For greater effectiveness, a few tips for use must be considered:

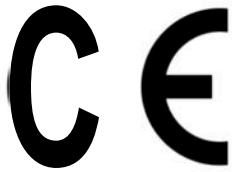
- Place the generator as high as possible, considering not to obstruct either the air inlet (located at the rear) or the ozonated air outlet grille
- Do not place the generator near open windows
- Do not place the generator near heat sources (radiators, light bulbs, ...)
- If several generators have to be placed in a room, place them so that the ozone is distributed as evenly as possible (distribute them so that the distance between generators is homogeneous)
- If you need the generator to work at certain times or days, you can install any type of timer that controls the power supply of the generator (external timers with 230V output).

- Do not use dimmers or regulators to power the generator, they could damage the generator.

TECHNICAL CHARACTERISTICS

Power supply	230V 50Hz
Consumption	40 W
Dimensions	340x165x 165 mm
Weight	4.2 kg
Production	1000 mg/h.max
Regulation	Acyclic Timer
Electrical production	Fuse 2 A
Box	Stainless steel

- All the characteristics indicated above can be modified without previous notification.
- Do not open without first disconnecting it from the electrical network and do not manipulate it by unauthorized personnel. The voltage outlet must be equipped with a ground connection according to current regulations.
- If the power supply voltage exceeds $230\text{ V} \pm 10\%$ or there are excessive surges on the line, the generator may not work properly and may deteriorate.
- If the power cable and/or the connection are damaged, do not use the generator. In the event of any malfunction, it must be repaired by an authorized agent.
- Maintenance and cleaning of the generator must be carried out by authorized personnel.
- This ozone generator is not suitable for placement inside cold rooms.



Certificate of Conformity

European conformity

Declaracion de Conformidad

Conformidad Europea

The manufacturer
El fabricante

TOP OZONO, SL

B66297524

Av. Mistral 24

08015 Barcelona

In accordance with Directive 2006/42 /EC of the European Parliament and of the Council, of May 17, 2006, relating to machines, the product indicated below, based on its conception and construction, as well as the version placed on the market by Top Ozono, complies with the mandatory basic requirements of safety and health of the **CE** directive

De acuerdo con la Directiva 2006/42/CE del Parlamento Europeo y del Consejo, de 17 de mayo de 2006, relativa a maquinas, el producto indicado a continuacion, en base a su concepcion y construccion, asi como a la version puesta en el mercado por Top Ozono, cumple con los requisitos basico obligatorios de seguridad y sanidad de la directiva **CE**

Product Description
Descripcion de producto

Ozone Generator / Generador de Ozono

Product type
Modelo

P1000V TA

In addition, it is in compliance with the following provisions of European Directives:

Ademas, esta en conformidad con las siguientes disposiciones de Directivas Europeas:

Directiva 2014/35/UE del Parlamento Europeo y el Consejo, de 26 de febrero, sobre la armonizacion de las legislaciones de los Estados miembros en materia de comercializacion de material electrico destinado a utilizarse con determinados limites de tension.

Directiva 2014/30/UE del Parlamento Europeo y del Consejo, de 26 de febrero de 2014, sobre la armonizacion de las legislaciones de los Estados miembros en materia de compatibilidad electromagnetica.

Directiva 2014/68/UE del Parlamento Europeo y del Consejo, del 15 de mayo de 2014, sobre la armonizacion de las legislaciones de los Estados miembros sobre la comercializacion de equipos a presion.

Directiva 2011/65/UE del Parlamento Europeo y del Consejo, del 8 de junio de 2011, sobre restricciones a la utilizacion de determinadas sustancias peligrosas en aparatos electricos y electronicos.

Directiva 2009/125/CE del Parlamento Europeo y del Consejo, de 21 de octubre de 2009, por la que se instaura un marco para el establecimiento de requisitos de diseno ecologico aplicables a los productos relacionados con la energia.

Directiva 2004/40/CE del Parlamento Europeo y del Consejo, de 29 de abril de 2004, sobre las disposiciones minimas de seguridad y de salud relativas a la exposicion de los trabajadores a los riesgos derivados de los agentes fisicos (campos electromagneticos)

1 de Enero de 2020


TOP OZONO, S.L.
N.I.F. B66.297.524