

# What is ozone?

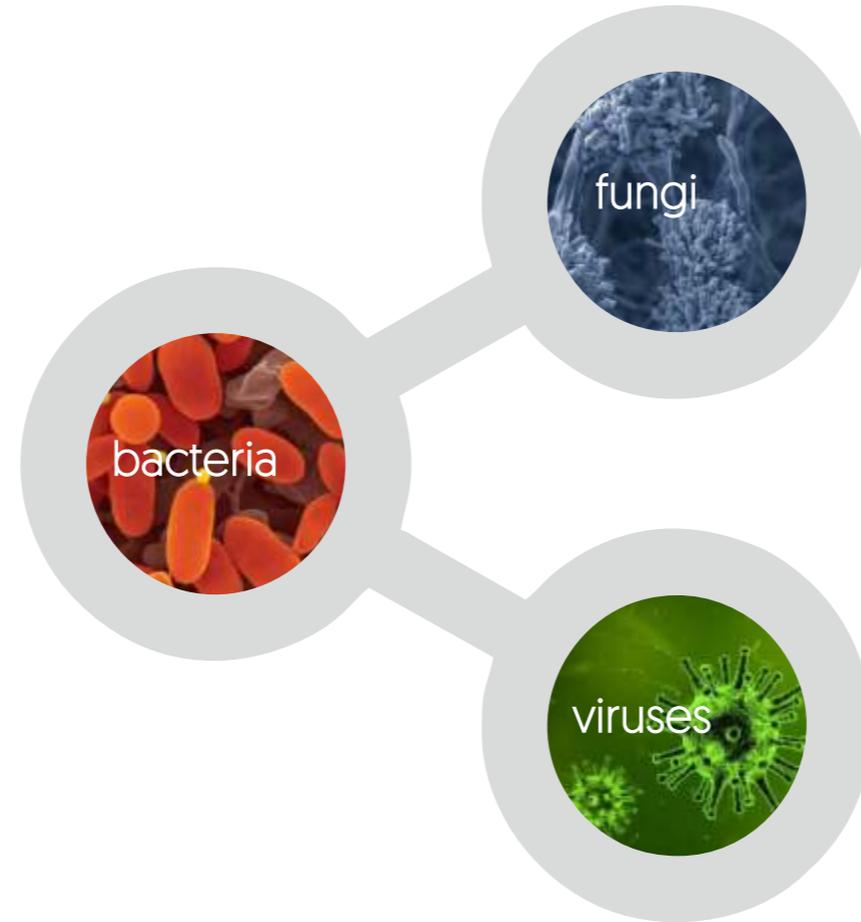
Ozone (O<sub>3</sub>) is a molecule composed of three oxygen atoms. It forms when oxygen molecules are excited enough to break down into atomic oxygen, of two different energy levels, and collisions between the different atoms are what generate the formation of ozone.

It is an allotropic form of oxygen, that is, it is the result of the rearrangement of oxygen atoms when the molecules are subjected to an electric shock.

It is therefore **the most active form of oxygen**.



The World Health Organization (WHO) recognizes ozone as the most efficient disinfectant against all types of microorganisms

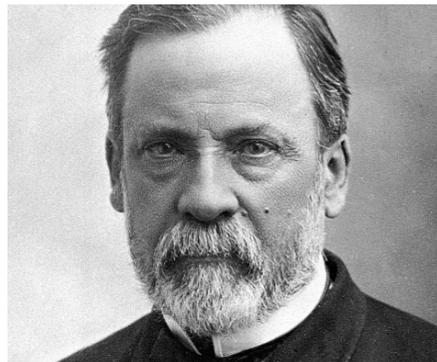
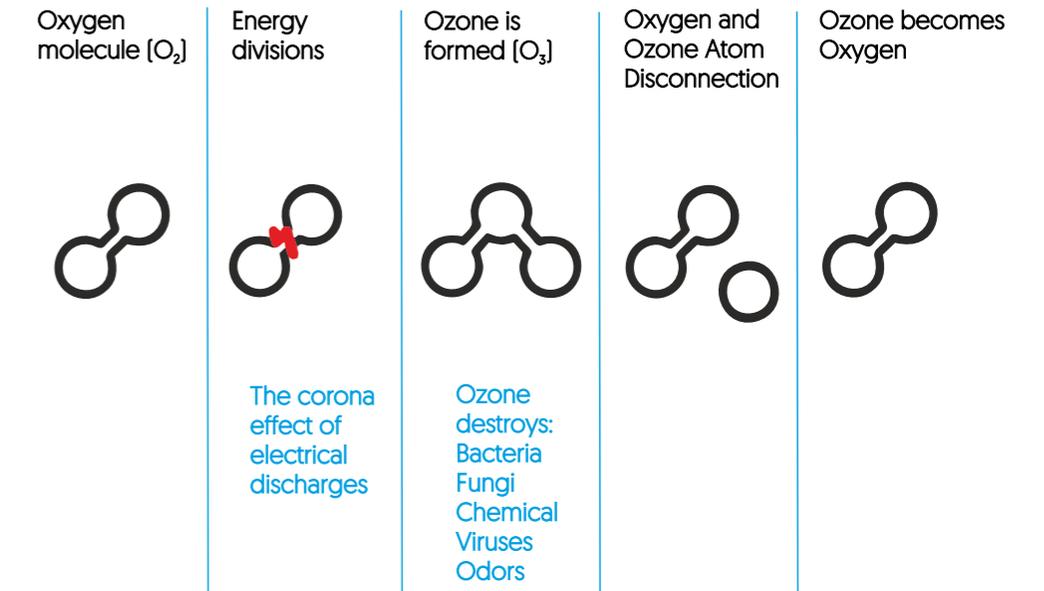


# Ozone as a disinfectant

The germicidal activity of ozone is based on its high capacity for direct oxidation: thanks to this quality, all the structures macromolecular cells, both microbial and non microbial (molds, bacteria, yeasts, viruses, etc.) are profoundly altered, decompose and disappear, leaving no residue; only oxygen.

In conclusion, fast, complete and residue-free germicidal action. Another of the most effective properties of ozone is the **elimination of all types of odors, both chemical and organic**.

# This is how it happens



"With the air we breathe most of our diseases. In contact with ozone, microbes are burned and toxins destroyed."

Louis Pasteur

# OZO<sup>3</sup>

## The environmental protection you need

The OZO3 system is an advanced high ozone production and concentration ozonizer for shock treatment in all type of environments and surfaces, to achieve a total disinfection with a powerful viricide, bactericide and fungicide action.

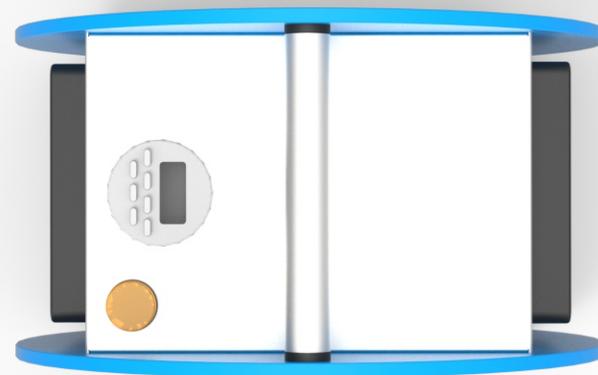
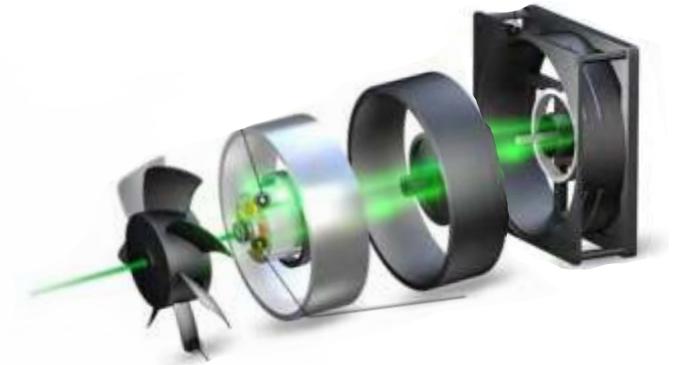
This innovative system generates ozone gas automatically, without the use of labor or chemicals and without leaving any residue in the environment. Designed to offer the user a quick and simple method to provide spaces with environmental biosafety so necessary for our quality of life.

High technology in ozone generation Small on the outside and large on the inside, the OZO3 system features the latest ceramic dielectric plate corona discharge PCD technology, incorporating assisted mechanical ventilation, for the projection of the ozone in a homogeneous way.

-  SILENT
-  AIR VENTILATION
-  CERTIFIED PRODUCT

## High technology in ozone generation

Small on the outside and large on the inside, the OZO3 system features the latest **ceramic plate** and incorporates assisted mechanical ventilation for the **projection of the ozone in a homogeneous way**.



**Digital Timer**  
Manual adjustment of time of use and function automatic with configurable day and time.

 Production 10 g/h

### TECHNICAL SPECIFICATIONS

Power supply	220 V / 50 Hz
Ozone generation	10 g/h
Ozone discharge flow rate	150 m <sup>3</sup> /h
Control Panel	Digital screen
Building material	Stainless steel and PEHD
Dimensions	196 x 310 x 240 mm 7'7 x 12 x 9 inch
Weight	3.5 kg / 77 lb

# OZO<sup>3</sup>

## Multi-space application

Professional ozone generator, for use in shock disinfection in the absence of people and animals.



Hospitals and health centres



Public establishments



Any kind of Vehicles



Housing



Offices and workspaces



Biosafety label

## 🕒 TABLE OF USAGE TIMES BY AREA VOLUME

 AREA VOLUME	 MINUTES OF OZONE GENERATION	 MINUTES OZONE DEPLETION	 TOTAL TIME
40 a 80 m <sup>3</sup>	10	30	40 min
80 a 150 m <sup>3</sup>	20	30	50 min
150 a 250 m <sup>3</sup>	30	40	1h 10min
250 a 500 m <sup>3</sup>	60	50	1h 50min
500 a 750 m <sup>3</sup>	90	60	2h 30min

 Certified product

UNE 400-201-94 Ozone Generators

 RoHS

FABRICADO EN ESPAÑA 



## PERSONAL PROTECTIVE EQUIPMENT AND TOOLS FOR OZONE

### Disposable coveralls.



Protective coverall for limited use (PE+PP) **impermeable to particles and splashes of limited intensity**. Antistatic, water vapor permeable, tear and abrasion resistant, lint-free. **resistant to tearing and abrasion, lint-free**.

Protection against biological agents according to EN 14126:2003.

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**Size L** - EP5600100  
**Size XL** - EP5600101

### PVC gloves of protection.



Suitable for **industrial cleaning and chemical industry**. Ergonomic and flocked for comfort. Cotton flower for sweat absorption. Good grip in any situation. Exceptional comfort due to special PVC formulation.

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**Corto** - EP5200100

### Integral protection mask.



**Scratch-resistant** and distortion-free viewfinder with 80° angle ensures a wide field of view with excellent **panoramic vision**. In addition, its efficient ventilation system with independent inner mask prevents the lens from **fogging and ensures excellent vision**.

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EP5300202

### Filter for ozone mask.



Protects against a wide range of gases, including nitrous gases, mercury vapor and carbon monoxide. It also filters dust and **particulates and particulates**.

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EP5300203

### Mo<sup>3</sup> Ozone meter.



The gas detector can be used continuously to detect the concentration of leaked gas. **Alarm warning for the concentration of hazardous gas**, ensure the safety of personnel and production equipment is not damaged.

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SM7300202