

ozoair

TECai



SMART
OZONE
GENERATOR



What is ozone?

Ozone [O₃] 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.

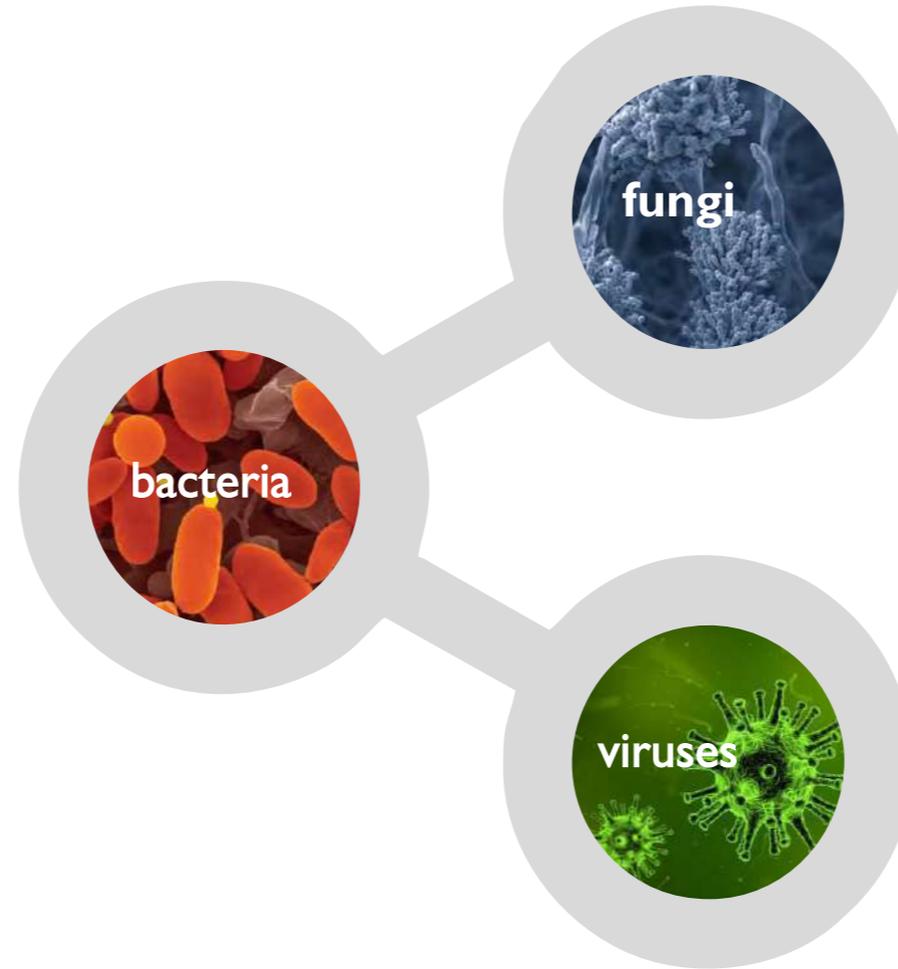


The World Health Organization (WHO) recognizes ozone as the most efficient disinfectant against all types of microorganisms.



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

Louis Pasteur



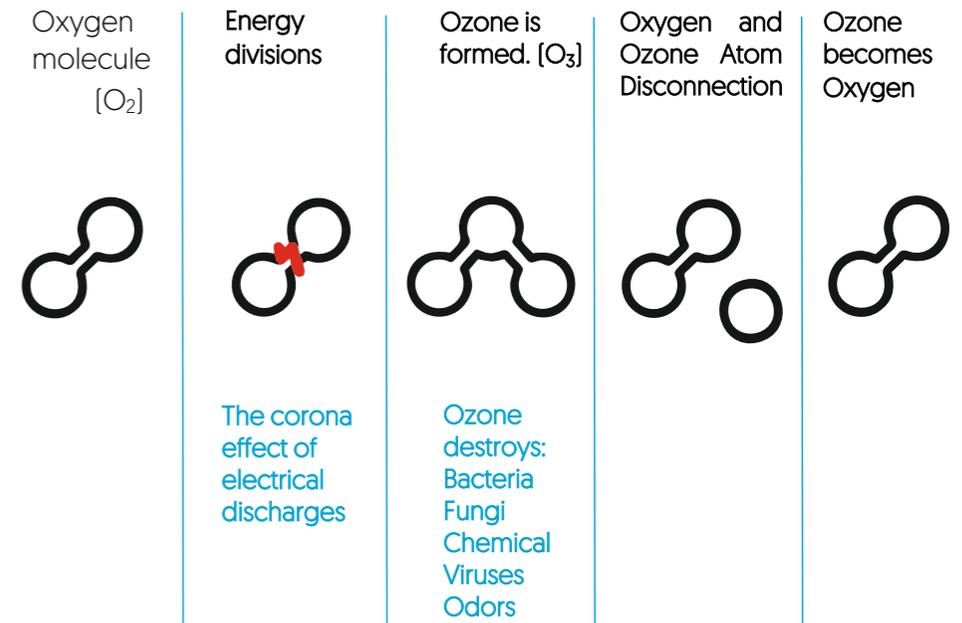
Ozone as a disinfectant

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



ozoair

Intelligent ozone generator for environmental disinfection

Now you can offer a complete, fast and effective disinfection with the smart ozone generator Ozoair. An intelligent system thanks to its unique technology to deactivate the ozone and convert it into oxygen leaving the places ready to be occupied instantly. The ozone according to several studies are effective in eliminating viruses, fungi, and bacteria, but since it's not chemical is not registered as a biocide with health certification, but the WHO recognizes ozone as the most effective disinfectant efficient against all kinds of microorganisms.

APPLICATIONS



Interior spaces in hospitals, clinics, offices, food...



Air conditioning ducts and smoke extraction



Vehicles of all types

Aspiration of ozonized air



CONSUMABLES



PHOTOCATALYTIC FILTER

Deactivates the ozone and converts to oxygen.

ACCESSORIES



FLEXIBLE TUBE

Connects to the output of ozone for ducts.



QUANTITY METER OZONE

SM7300202



Air input

O₂ output



Output from ozone

Light indicator actuating

Operations of control:

Automatic programs according to m³ of areas.
Manual adjustment of the time of use.
Timer with adjustable day and time.
Hour indicator of filter use.
Delay time activation.

TECHNICAL SPECIFICATIONS

Power supply	220 V / 50-60 Hz
Ozone generation	15 g/h
Ozone discharge flow rate	500 m ³ /h
Control Panel	Touch screen 7"
Building material	Painted steel and PEHD
Particle retention filter	Type G4
Dimensions	420 x 395 x 880 mm 16,5 x 15,5 x 34,6 inch
Weight	31k g / 68 lb



BACTERICIDE
FUNGICIDE
VIRUCIDED



DEACTIVATION
OF THE OZONE



GENERACIÓN
O₃ DE 15 g/h



TIMER
DIGITAL



CONTROL SCREEN
TOUCH

Multi-space application

ozoair



Hospitals and health centres



Public establishments



Housing



Offices and workspaces



Any kind of Vehicles



HVAC ducts



TABLE OF USAGE TIMES BY AREA VOLUME

AREA VOLUME	MINUTES OF OZONE GENERATION	MINUTES OZONE DEPLETION	TOTAL TIME	PROGRAM TO USE
40 a 80 m ³	5	15	20 min	XS
80 a 150 m ³	10	20	30 min	S
150 a 250 m ³	15	25	40 min	M
250 a 500 m ³	30	30	50 min	L
500 a 1000 m ³	60	50	110 min	XL
1000 a 1500 m ³	90	60	150 min	Manual

 Certified product
UNE 400-201-94 Ozone Generators

 Sistema de Gestión ISO 9001:2015 ISO 14001:2015
www.tuv.com ID 9105083228



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