



# SANIOZON 500 *lone*

THE NEW VERSION OF THE MOST QUALIFIED SYSTEM FOR SPECIAL VEHICLES AND AMBULANCES



**SANIOZON 500 lone  
DOES NOT REQUIRE REFILLS  
NOR MAINTENANCE  
OVER TIME!**

## USE AND EFFECTIVENESS

The ozone produced by **SANIOZON 500 lone** allows you to sanitize even where you cannot reach with normal cleaning. The ionization produced also allows a continuous removal of the molecules in suspension.

**SANIOZON 500 lone** does not leave residues inside the environment and ensures safety both for patients and service staff.

Of the same family of the precursor **SANIOZON 500**, the "lone" version combines the effectiveness of an ozonizing system and the prevention of the ionizing power.

Designed for special vehicles of any generation, **SANIOZON 500 lone** allows a continuous environmental recovery through the production of negative ions, capable of tearing down the molecules in suspension even in presence of people. The ozonization, controlled by a mechanical timer, guarantees a complete sanitization of the environment.

Minimal amount of space and consumption!

## TECHNICAL INFORMATION

SUBJECT	SPECIFICATIONS
POWER SUPPLY	12V CC
DIMENSIONS	190x160x73 mm
OZONE	>500 mg/h
NEGATIVE IONS MAX	6.000.000
WEIGHT	500 gr
CONTROL	Mechanical timer
SAFETY	Audible and Visible Alarm
FAN	Axial

## OZONE'S PECULIARITIES

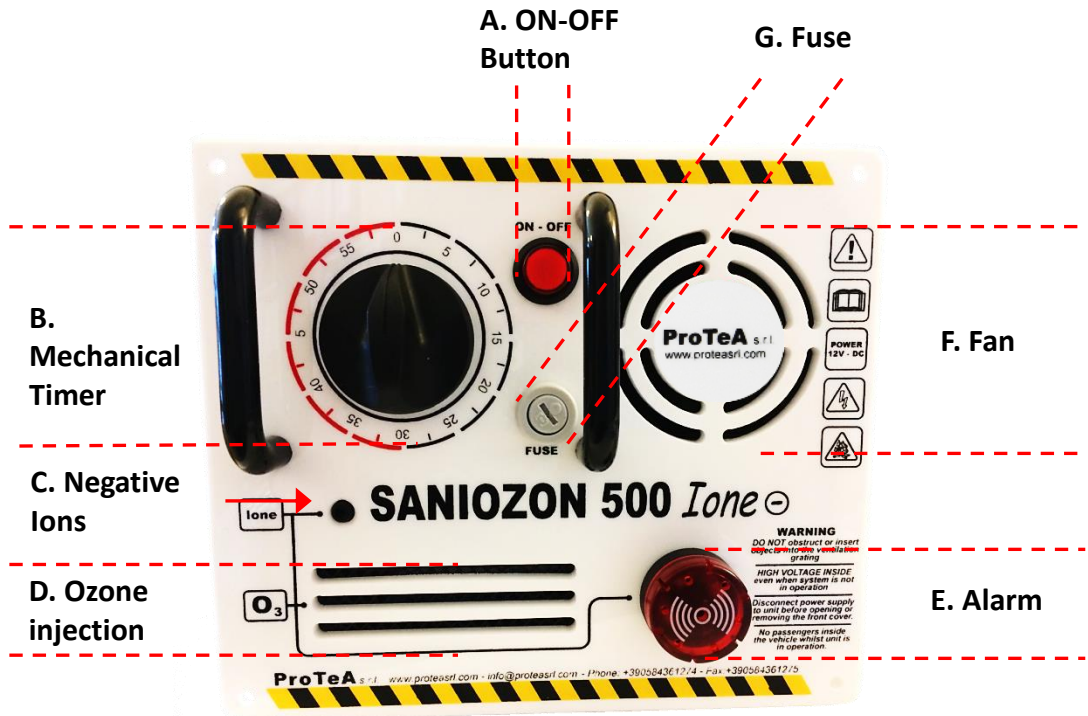
After fluoride, Ozone is the strongest oxidant present in nature; for this reason, it is also an energetic disinfectant. Being an unstable gas, ozone has a very short life span (about half an hour) in natural conditions: this is the reason why it cannot be stored in tanks. After completing its disinfectant action, it reverts back to oxygen without leaving any residual agents in environment and in water. The disinfectant property of Ozone and its reactivity are superior to any other system used.



# SANIOZON 500 Ione

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## SYSTEM DESCRIPTION AND FUNCTIONS



### A. ON-OFF Button

By pressing the backlight button, the fan comes into operation (D). Only after this command, you can start the ozonization process with the timer.

### B. Mechanical timer

By turning the mechanical timer (we recommend 25 minutes for a mid-size vehicle), the ozone production is activated. When the time expires and the cursor returns to zero, the ozone production stops. The fan, on the contrary, continues to operate until you push the ON-OFF button (A) again.

### C. Negative Ions

Negative Ions are produced automatically and injected through this hole without control buttons.





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## SYSTEM DESCRIPTION AND FUNCTIONS

### D. Ozone injection

From this hole, the ozone comes out. Do not cover, block or insert anything inside.

### E. Alarm

As soon as the timer is activated and the ozone production starts, also the audible and visual alarm turns on indicating that, inside the vehicle, a disinfection process is occurring. Aerate the room before entering.



### G. Fan

The fan is active from the moment you press ON on the red button and it turns off when the button is pressed again to the OFF position. The fan has the function of dispersing the ozone in the environment in a faster way and, as a result of the time of ozonization, has the function of invalidating the residual ozone in the environment more quickly.

Do not insert objects nor block nor cover this part. Despite the operation of the fan, aerate the room before entering.





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## SYSTEM DESCRIPTION AND FUNCTIONS

### POWER SUPPLY AND VOLTAGE

**SANIOZON 500** is POWERED by a 12V DC except in expressly specified cases. Within the system there may be the presence of high voltage; pay close attention.



Since those are electronic systems, please take care not to damage in any way the device or to cause shocks or falls.

### PLACEMENT

It is ideal to place the system in a high position in order to facilitate the dispersion of ozone in the environment (the ceiling, the upper area of a wall, etc.).



### BUILT-IN PLACEMENT

Thanks to the TEMPLATE attached to this document, you can get the right recess for the **SANIOZON 500**.

See the following pages.

### RECOMMENDED METHODS OF CONNECTION AND INSTALLATION

- A. Obtain the recess on the ceiling or on the wall of the vehicle;
- B. Get the power cables up to that point ;
- C. Connect the power supply wires, being careful not to reverse polarity;
- D. Place the system and tighten it with the special screws.

*Note: It may be useful not to turn on the system while the vehicle is in motion as there may be employees inside.*

### SAFETY

- The system comes with a double permission for the ozone production (if the ON-OFF button and the timer are not active, the ozone production will not start).
- The audible and visual alarm immediately allows you to understand if the disinfection system is active or not.







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## PARTICULAR NOTES AND WARNINGS

### ENVIRONMENTAL TEMPERATURE

Ozone is an unstable gas produced by specific electronic components. It ensures its maximum efficiency and the best operation between +1° C and 25° C. Please follow these instructions during installation.

### SYSTEM POSITIONING

It is advisable to install the system in a high position (as Ozone tends to fall), for instance on the ceiling of the vehicle through screws (in the specific holes on the front panel of the system). Otherwise, ask PROTEA for the necessary technical considerations.

### WARNINGS

Ozone has been recognized by the Ministry of Health with Protocol. 24482 of July 31, 1996, natural device for the sterilization of environments and waters contaminated by bacteria, viruses, spores, etc. and / or infested with mites, insects, spiders, etc. Ozone at high concentrations is harmful to health, it is therefore necessary to make proper use.

PROTEA SRL disclaims any liability for injury and physical damage caused by improper use or bad installation. It is recommended not to breathe in close proximity or directly from the pipes emitting ozone, where the concentration is extremely high. Ozone is a very reactive gas and can cause detonations in contact with ether, its derivatives and combustible fluids; avoid the use of ozone with the mentioned gases.

### Safety instructions for the use of the system

Read the instructions before use and carefully follow the rules set out for installation. As for what is not expressed in this document, please refer to the good standards of installation, application and instructions relating to electrical and electronic systems. Use the equipment only for the functions for which it is designed for.

Keep out of reach of children.

Do not immerse in water or other liquids, etc. nor bring it into contact with liquids or hot surfaces.

Install the equipment in a situation of maximum security: dry hands, unplugged, etc. possibly in a ventilated area.

Make sure that the power supply cable does not come into contact with water, liquids or hot surfaces.

Do not use the equipment if you notice a malfunction, do not open it for any reason and do not try to repair it but contact the service center.



Attention !! HIGH VOLTAGE

