

**CUSTOM<sup>®</sup>**

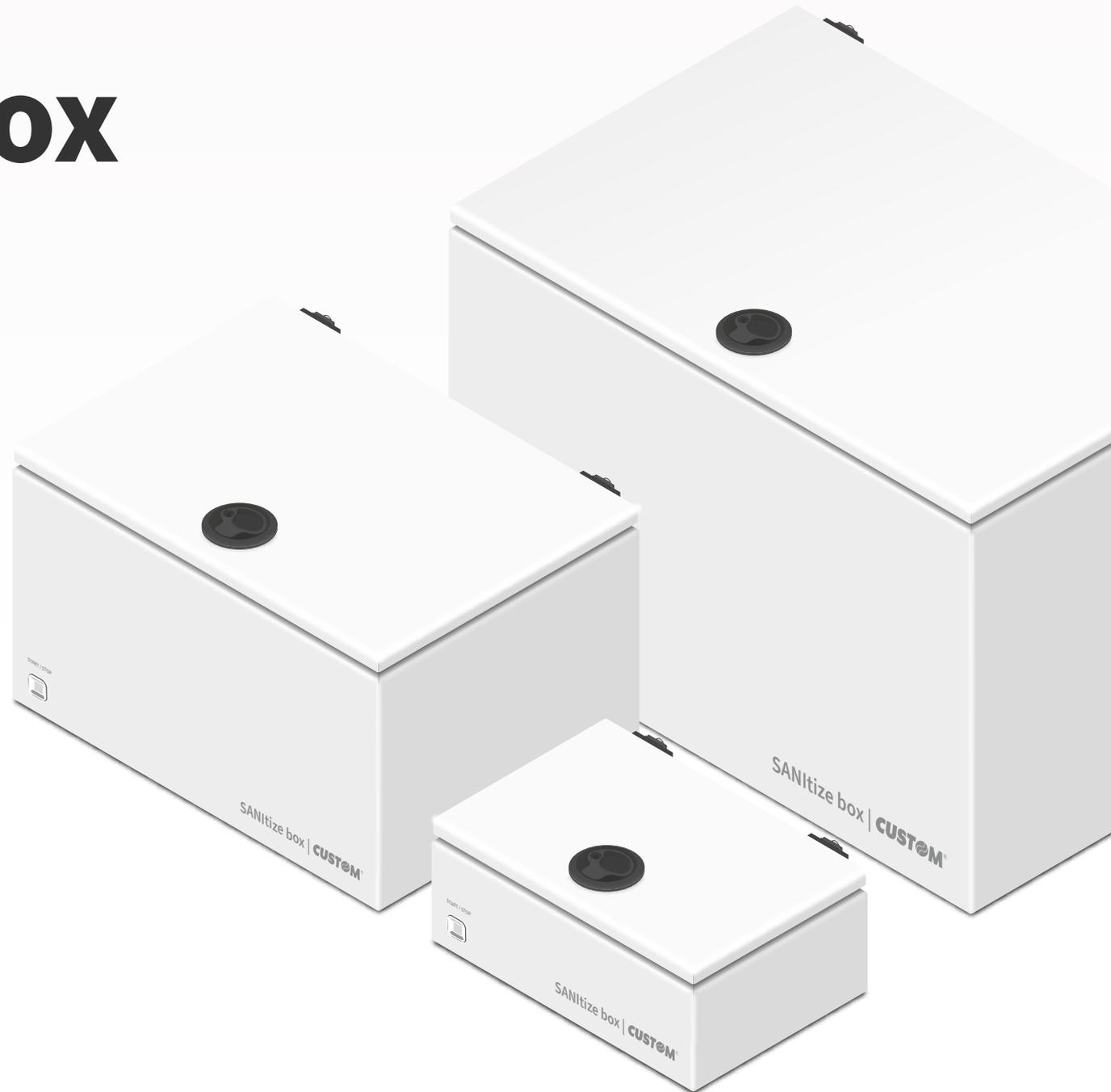
**SANItize box** ozone sanitizing system

# CUSTOM PRESENTS SANItize box

The innovative ozone-based sanitization and disinfection system entirely designed and developed by Custom. A quick, easy-to-use and smart response to the current health emergency.

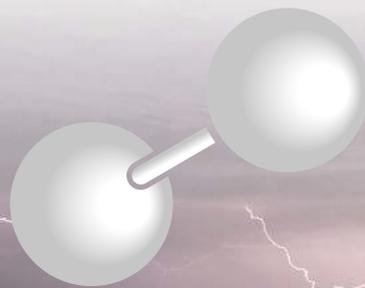
SANItize box destroys VIRUSES, BACTERIA, MOLDS and FUNGI found on any item placed inside it.

SANItize box is backed by a modular technology, which makes this product scalable and suited to any and all demands.

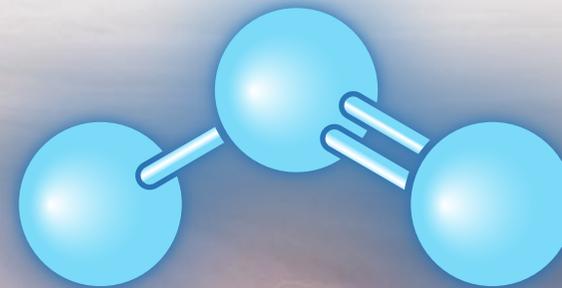


## WHAT IS OZONE

Ozone (chemical formula: **O<sub>3</sub>**) is a gas with a characteristic smell, the same smell that sometimes accompanies thunderstorms. Normally found in the upper layers of the atmosphere, ozone is an essential gas for life on Earth. As a matter of fact, it protects against the harmful action of UV-B ultraviolet rays. The same phenomenon observed in thunderstorms is exploited by **SANITIZE BOX** to obtain a reaction of oxygen normally present in the air (chemical formula: **O<sub>2</sub>**) and combine a third oxygen atom to generate this precious molecule.



**O<sub>2</sub>**  
Oxygen



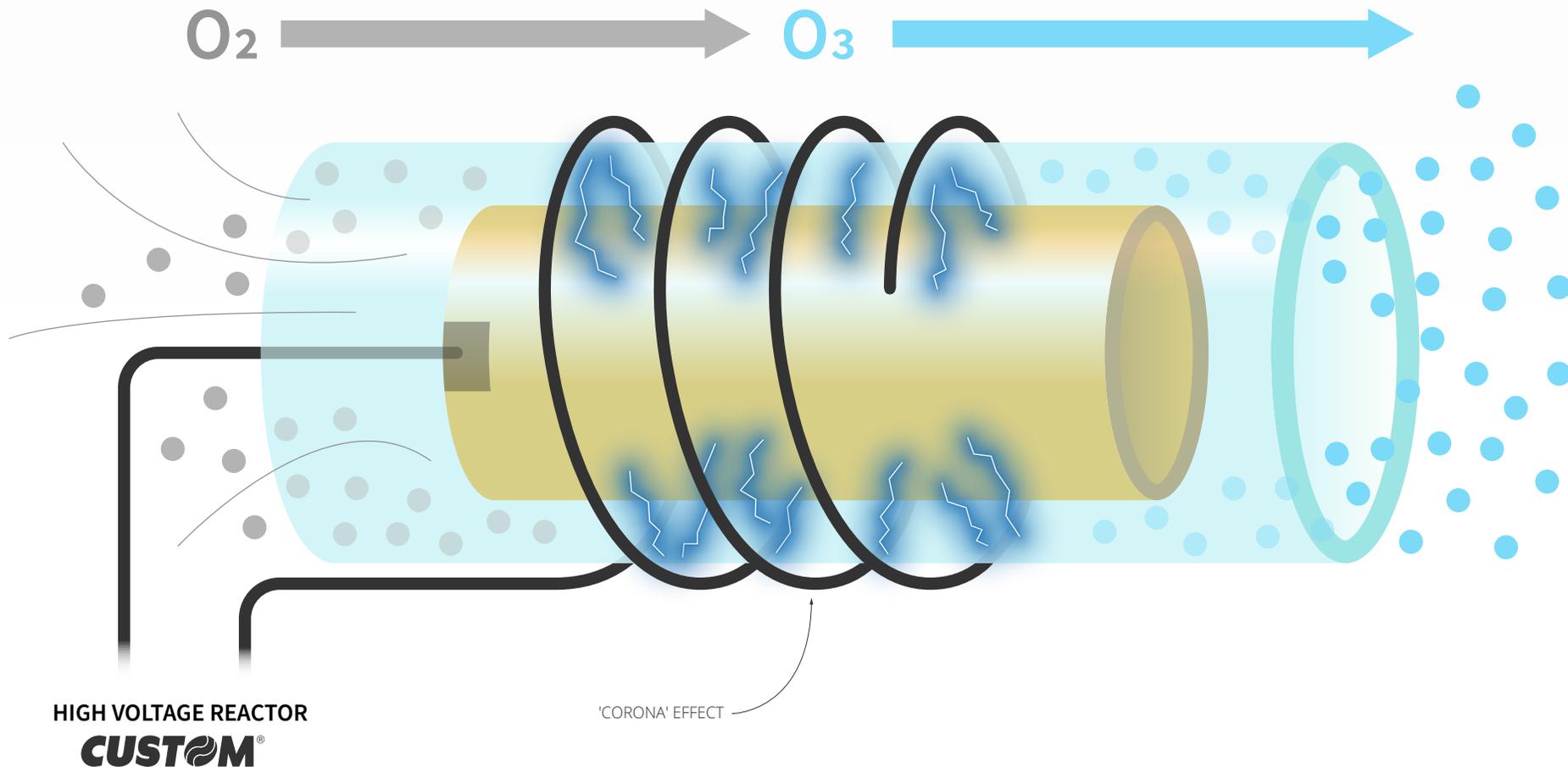
**O<sub>3</sub>**  
Ozone

## THE BASIC PRINCIPLE

Being an unstable gas with a limited life cycle, **ozone cannot be produced** and marketed in cylinders like other industrial gases.

For this reason, it must be produced just "before use" by means of high voltage reactors.

Using this effect, **SANtize box** is capable of producing ozone continuously (H24) and without requiring refills, basically involving no costs.



## PROPERTIES OF OZONE

Ozone is a highly oxidizing gas capable of changing organic and inorganic compounds into inert substances.

For this reason, since its discovery it has been used as a bactericidal, fungicidal and virus inactivating agent.

Ozone is the most powerful oxidizing agent that can be used in the technical field, and this is why it is also used in numerous other areas such as room treatment, food industry and disinfection of drinking and industrial water.

**Ozone has been recognized by the Italian Ministry of Health (Protocol No. 24482 of 31 July 1996) as natural protection for the sanitization of environments contaminated by bacteria, viruses, spores, etc.**

SUBSTANCE	REDOX POTENTIAL (V)
<b>Ozone (O<sub>3</sub>)</b>	<b>2,07</b>
Hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> )	1,78
Chlorine (Cl)	1,36
Chlorine dioxide (ClO <sub>2</sub> )	1,27
Oxygen molecule (O <sub>2</sub> )	1,23

## DEVICE SAFETY

**SANItize box** is completely safe, as it provides an appropriate ozone depletion cycle after each treatment.

Upon completion of the cycle, the amount of residual ozone will be totally harmless and will be dissipated immediately after opening the cover.

In addition, a safety system assures immediate interruption of ozone production if the cover is opened.



## OZONE vs. UV RAYS

To date, the two key technologies in secondary sanitization are ozone and UV rays.

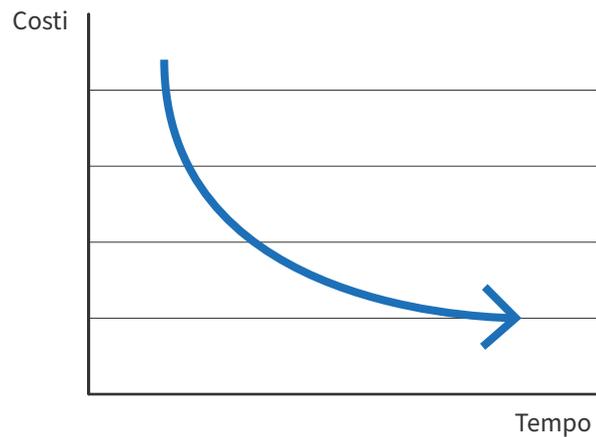
The first technology uses the natural principle described above, the second uses the ultraviolet radiation produced by special lamps.

### Ozone technology



#### No operating costs

Ozone is produced naturally by the device, without requiring maintenance and with an incredible quality/cost ratio.

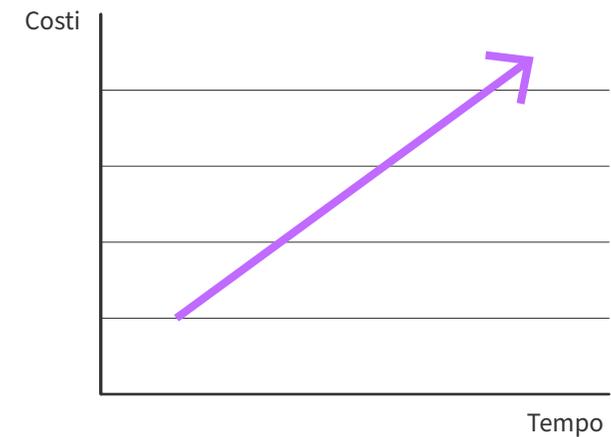


### UV technology



#### Tangible operating costs

UV lamps should be replaced every 3/12 months and disposed of as special waste.



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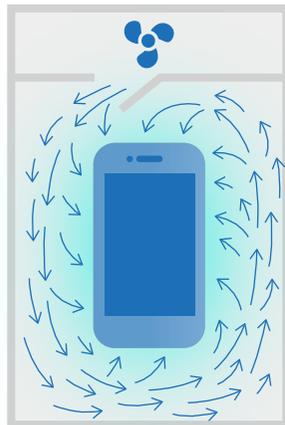
The first technology uses the natural principle described above, the second uses the ultraviolet radiation produced by special lamps.

### Ozone technology



#### In-depth and homogeneous treatment

Ozone propagates uniformly inside the sanitization chamber, thereby resulting in a homogeneous treatment on the whole surface, even at the points that are normally impossible to reach.

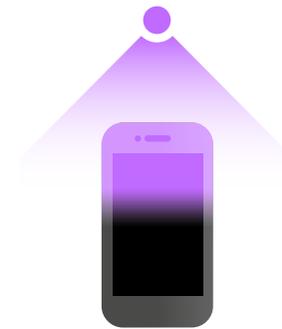


### UV technology



#### Surface treatment

UV rays only sanitize surfaces "illuminated" by the lamp. The degree of sanitization is strongly influenced by the amount of light that radiates the surface and its intensity. In addition, ozone produced by UV radiation is not comparable in terms of quantity to that produced with our technology.



## TARGET MARKET

**SANITIZE box** is a device particularly suitable for those sectors that involve close contact with the public, but also for all those businesses where the working tools should be preferably sanitized at the end of the day.

What's more, it is a useful tool for domestic use.



House environment



Retail



Large scale retail trade



Hospitality



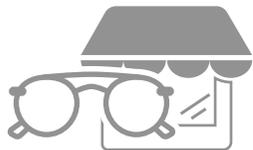
Book shops



B2C



Healthcare and Dentistry



Opticians



Perfumeries



Hairdressers, Barbers and beauty centres



Clock and watches jewellery



Clothing Shops



Shoe shops

## PRODUCTS SUITABLE FOR SANITIZATION

**SANitize box** sanitizes and disinfects by eliminating **VIRUSES, BACTERIA, MOLDS, FUNGI** from masks, glasses, keys, smartphones, tablets, earphones, wallets, coins and any other personal items commonly used. In working environments, it can be used to sanitize razors, combs, screwdrivers, pliers, POS devices, etc.



MASKS AND  
HEALTHCARE INSTRUMENTS



GLOVES AND  
PROTECTIVE DEVICES



KEYS AND  
WORKING TOOLS



BILLS AND  
COINS



WALLETS



GLASSES



BADGES AND  
IDs



PENS, PENCILS AND  
STATIONERY



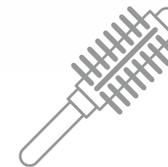
RINGS, BRACELETS AND  
JEWELLERY



SHAVERS, SCISSORS  
AND BLADES



TWEEZERS, CUTTERS,  
NAIL CLIPPERS AND FILES



SBRUSHES AND COMBS



CLOTHING



WATCHES AND  
STOPWATCHES



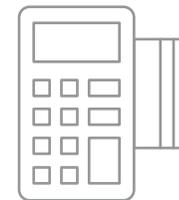
CAMERAS AND  
VIDEOCAMERAS



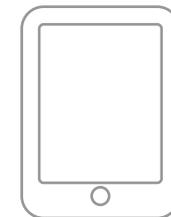
HEADPHONES, EARPHONES  
AND MP3 PLAYERS



SMARTPHONES  
AND PHONES



POS AND  
CARD READERS



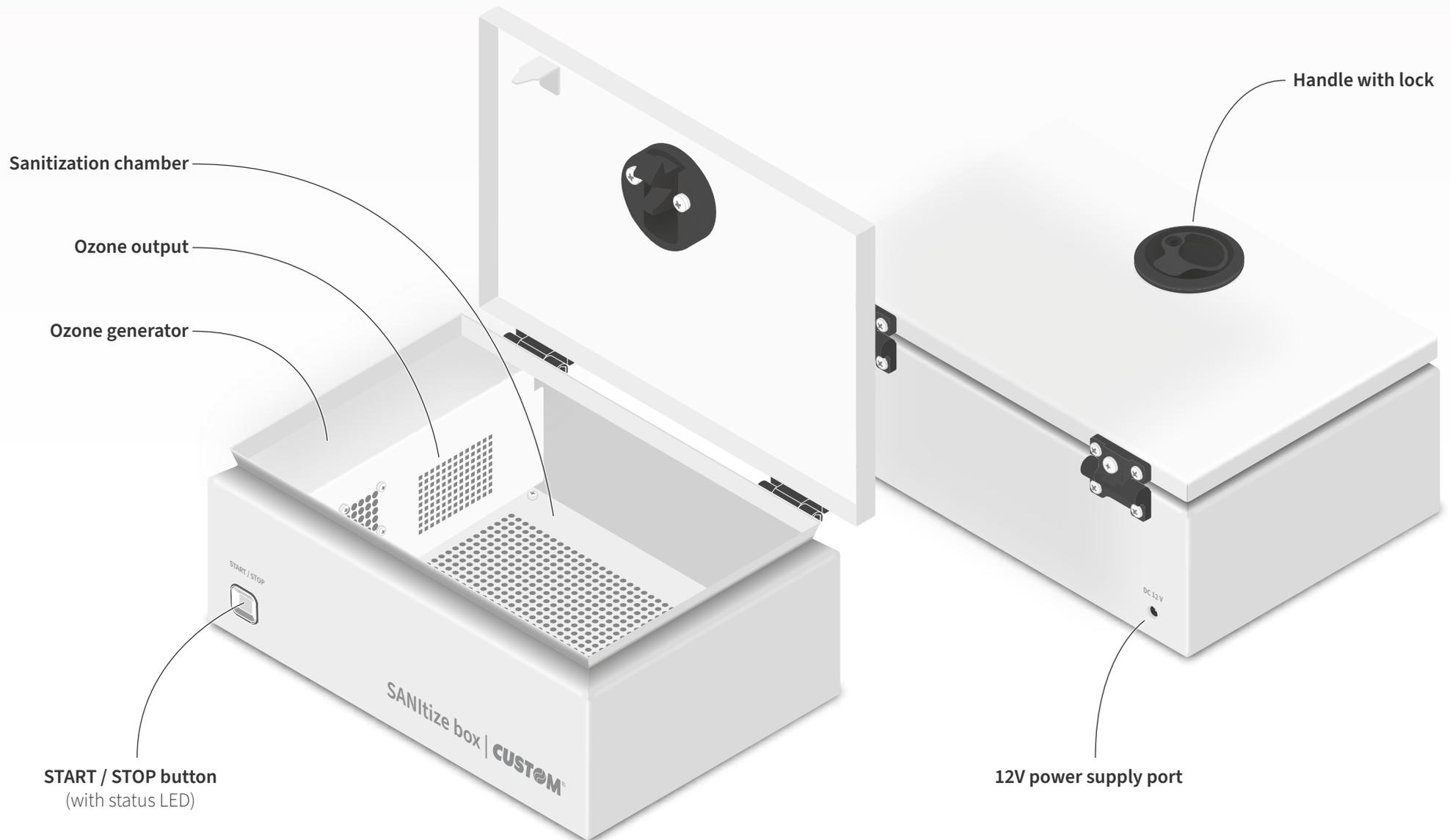
TABLETS

## INCLUDED WITH THE DEVICE

The device comes with a 12V wall adapter power supply and a quick start guide.



## SANItize box AT A GLANCE



## STARTING THE SANITIZATION CYCLE

Place the item to treat in the sanitization chamber. Close the cover and start the cycle by simply pressing the **START / STOP** button.

The sanitization cycle lasts **25 minutes** (20 minutes for treatment, 5 minutes for ozone depletion).

You can interrupt the cycle at any time by pressing the **START / STOP** button again.

User friendly and practical!



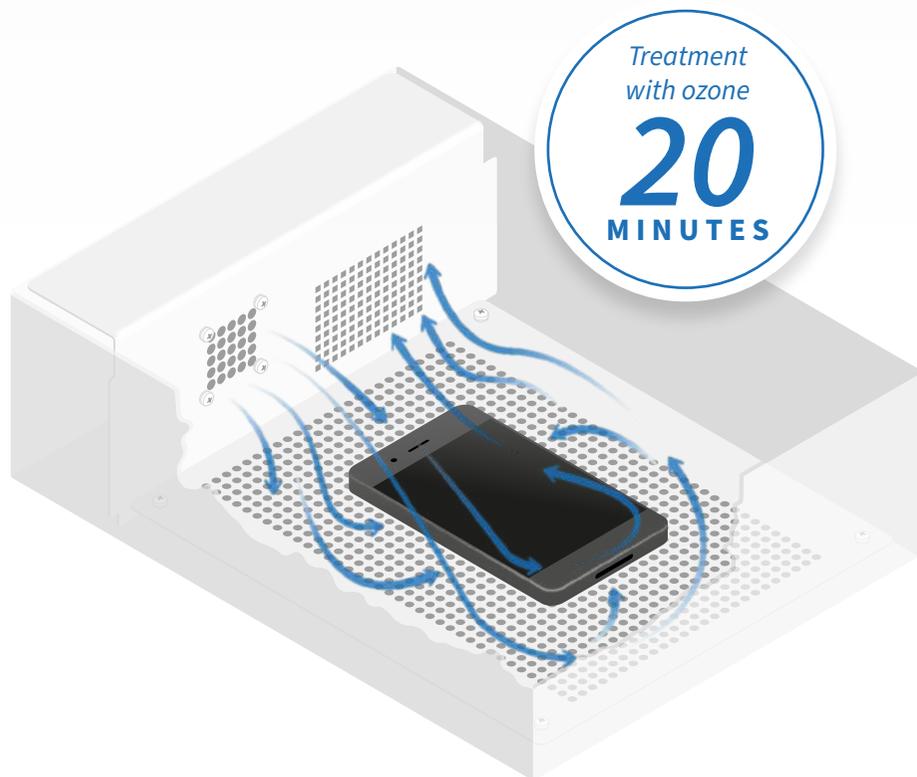
### RECOMMENDED CYCLES

Bacteria	1 cycle
Viruses	1 cycle
Fungi	1 cycle
Molds	3 cycles

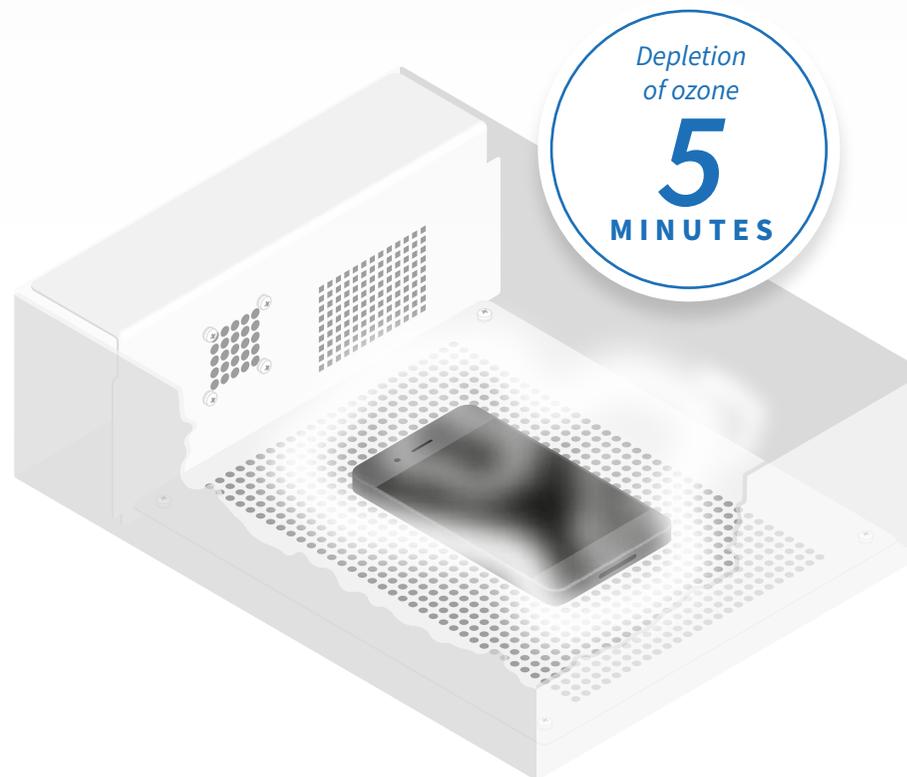
## THE SANITIZING CYCLE

In the **first phase** of the **20-minute cycle**, the internal ventilation system distributes ozone within the sanitization chamber uniformly, so as to treat the entire item surface homogeneously. The **final phase** of the cycle involves leaving the treated object in the sanitization chamber for **5 minutes**, in order to deplete the ozone molecules present.

*Cycle first phase*



*Cycle second phase*



## PERFORMANCE

With **SANitize box**, you can count on a reliable product featuring excellent performance

Maximum ozone production

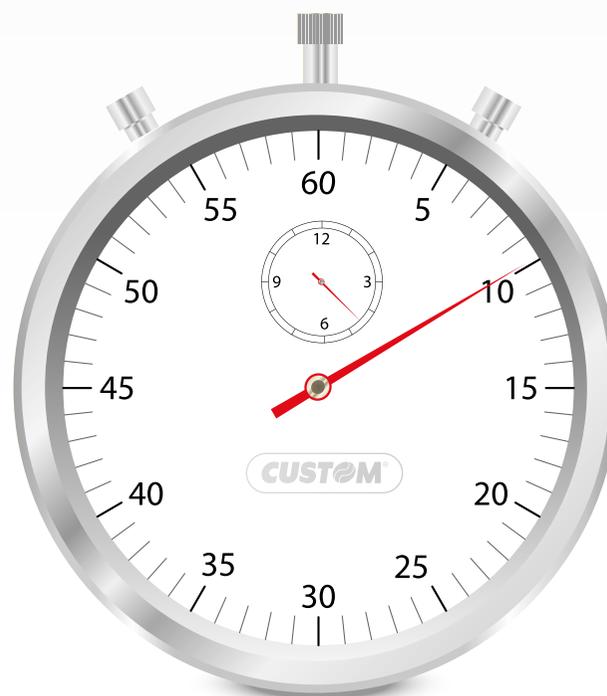
**800 mg/hour**

Concentration in the  
sanitization chamber

**> 4 ppm**

Cycle time

**25 minutes**



Power supply

**12 V**

Standard consumption

**0.8 A**

Operating  
temperature

**0°C ÷ +50°C**

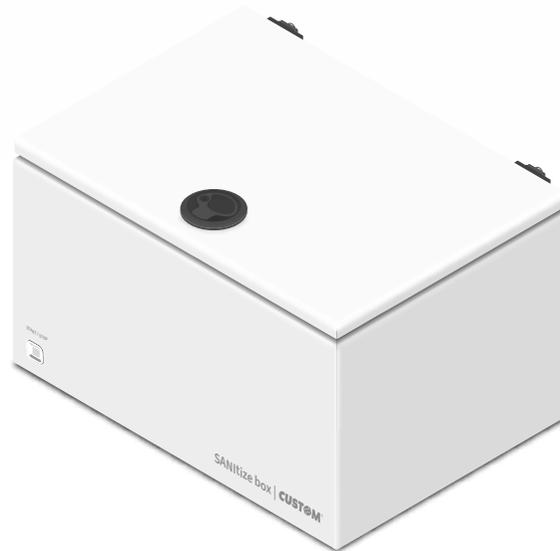
## MODELS AND CUSTOMIZATIONS

**Custom technology** is the core of **SANITIZE box**.

Available in the three formats SMALL, MEDIUM and LARGE, the ozone generator can be easily incorporate in any housing shape, to best suit the customer's requirements.



SMALL

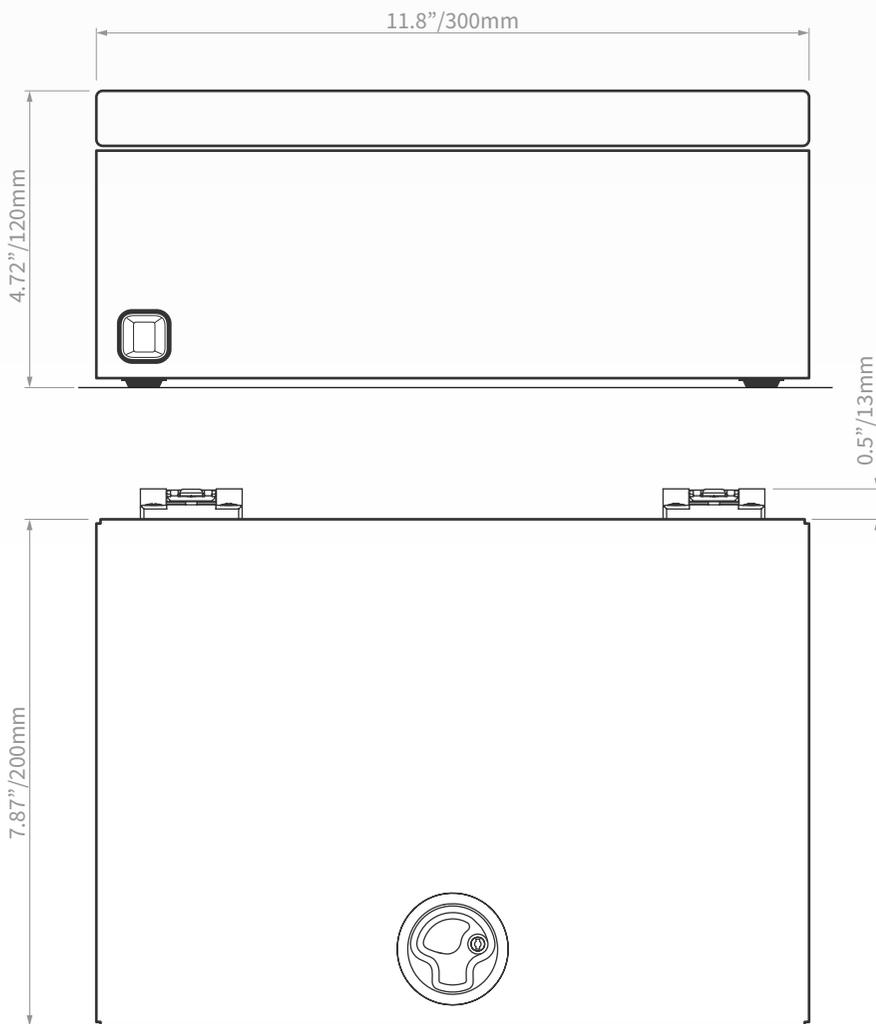


MEDIUM



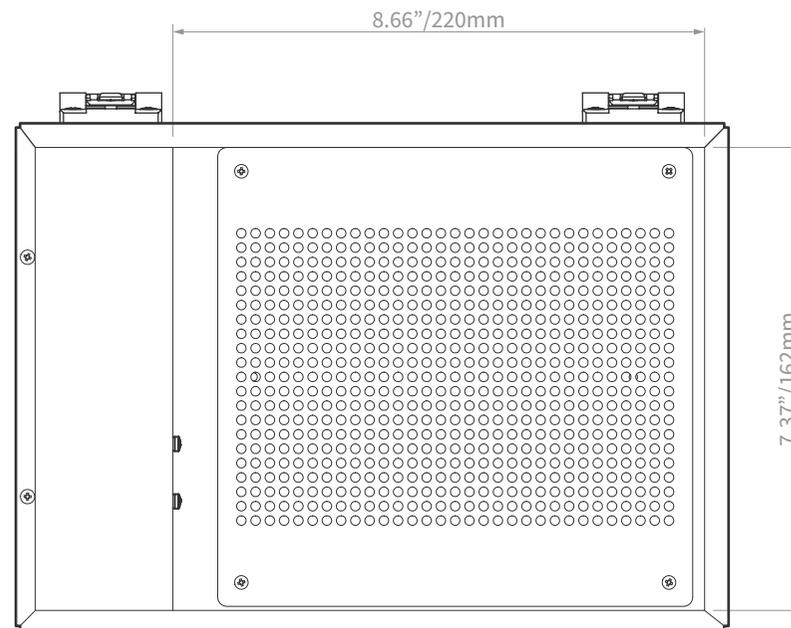
LARGE

## SMALL MODEL DIMENSIONS

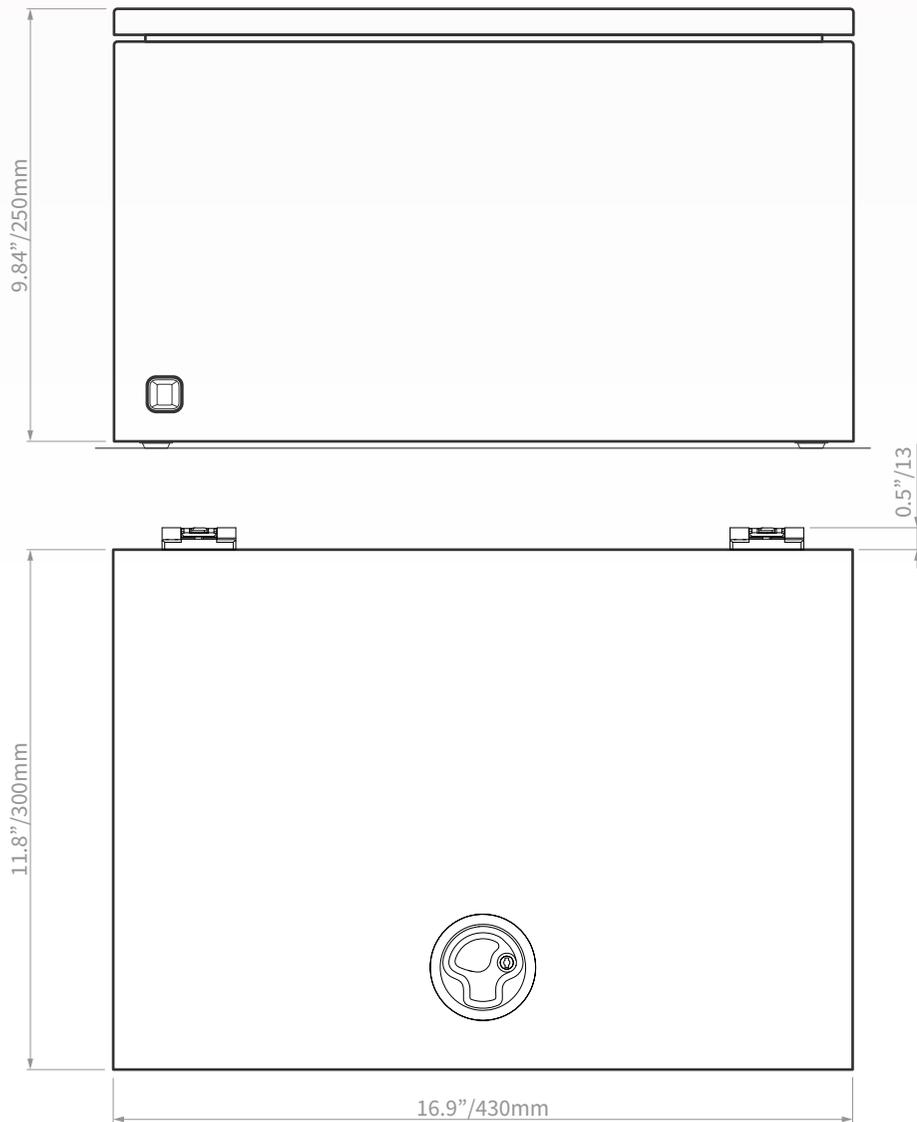


Useful volume for the sanitization chamber

5.140 cm<sup>3</sup>

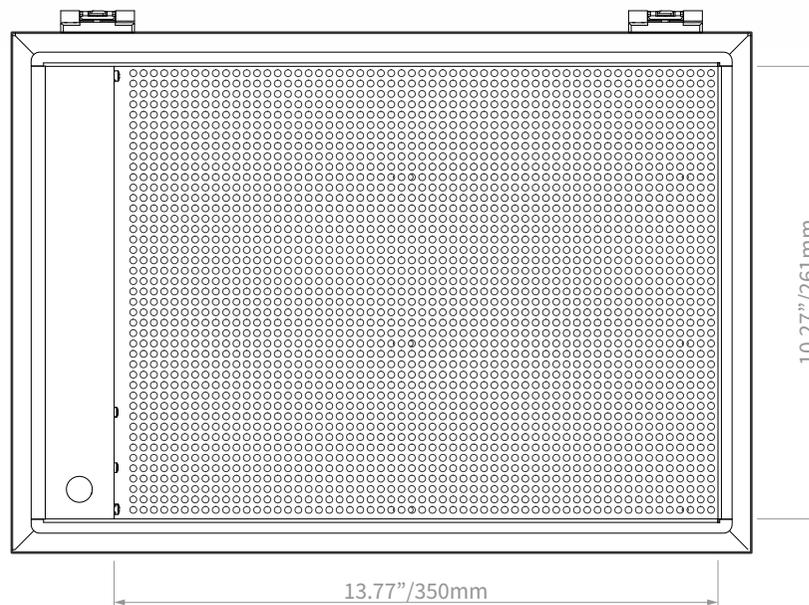


# MEDIUM MODEL DIMENSIONS

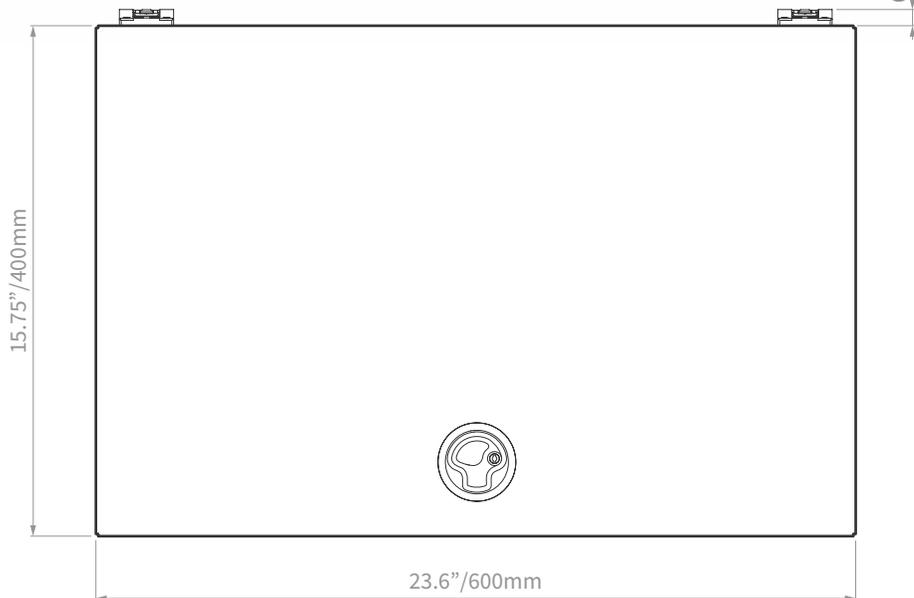
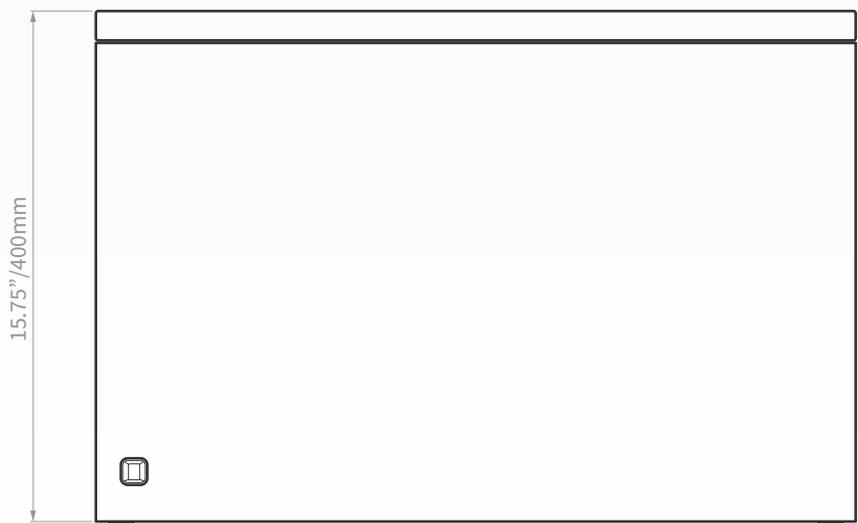


Useful volume for the sanitization chamber

22.800 cm<sup>3</sup>

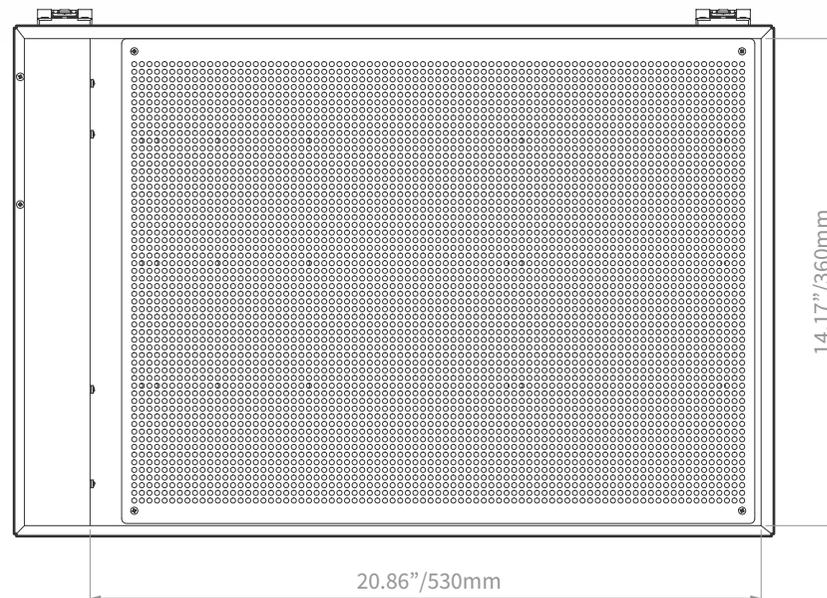


# LARGE MODEL DIMENSIONS



Useful volume for the sanitization chamber

80.560 cm<sup>3</sup>



## MADE IN ITALY

**SANItize box** is entirely conceived, designed and manufactured **in Italy**.

This allows us to achieve an absolutely high level of quality and control.

“Made in Italy” is synonymous with excellence but above all today with **100% Italian pride**.



## SUMMARY

Here are the main advantages of using **SANITIZE box**.



**Safe sanitization of the items treated**



**No staff required during operation**



**No routine maintenance**



**No operating costs**  
(refills, consumables, etc.)



**No chemicals used**



**No production cost**  
(equal to the minimum electrical energy used)

## ANSWERS TO MAIN QUESTIONS (1 of 2)

### What happens during the sanitization cycle?

The item is treated with ozone (O<sub>3</sub>). The cycle lasts 25 minutes. 20-minute treatment plus 5-minute ozone depletion.

### How long does the sanitizing effect last on the treated item?

Like all sanitizing and deodorizing treatments, the effect will last until external events that increase microbial load occur.

### What is the maximum continuous operating time?

There is no maximum operating time. SANItize box has been designed to operate continuously (H24).

### What are the items that should always be sanitized?

All those items where bacterial load can be "high", basically all everyday use items.

### Why SANItize box is so effective?

As you can see from the studies conducted on ozone and from the huge bibliography available, it only takes a few minutes and a proper amount of ozone to remove all the harmful micro-organisms and all the odours in the environment.

### Is SANItize box safe?

SANItize box is fully safe, as the amount of ozone produced and usage times may in no way be "dangerous". The amount of ozone produced is totally harmless and is dispersed immediately once the cover is opened.

### What should you do if you unintentionally start a sanitization cycle?

Press the START / STOP button to immediately stop ozone production.

## ANSWERS TO MAIN QUESTIONS (2 of 2)

### Is SANItize box noisy?

Absolutely not. The only noise produced by SANItize box is the rotation of the fan used to spread ozone within the sanitization chamber.

### Is SANItize box a medical device?

No. It is an ozone generator used to sanitize items. Ozone has been recognized by the Italian Ministry of Health (Protocol No. 24482 of 31 July 1996) as natural protection for the sterilization of environments contaminated by bacteria, viruses, spores, etc.

### What is the advantage of ozone technology vs. UV technology?

Ozone provides safe and effective sanitation even in critical areas that cannot be reached otherwise. Furthermore, it does not use components that deteriorate over time (UV lamps), thus avoiding replacement and disposal costs.

### Is SANItize box a certified device?

It is currently CE certified.

### Is there a larger model?

No larger model is currently available. We are considering developing a device for sanitizing barcode readers, notebooks, and larger devices.

### Are there any filters or cartridges to replace?

No. There are no filters or cartridges. Ozone is produced naturally by the device, without requiring maintenance and with an incredible quality/cost ratio.

### Are there special requirements to use the device properly?

None. You need a 220V power socket to power it and a properly ventilated environment.

## ORDERING INFORMATION



### MODELS

- |                |   |
|----------------|---|
| 976MN010000002 | SANITIZE BOX SMALL OZONE SANITIZING SYSTEM  |
| 976MN010000003 | SANITIZE BOX MEDIUM OZONE SANITIZING SYSTEM |
| 976MN010000004 | SANITIZE BOX LARGE OZONE SANITIZING SYSTEM  |



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