

# AV Sanification – Design and manufacture of sanitisation devices

## AV OZONE SYSTEM AMBIENT 6G - 10G EVO (cod. AVOSA-6G-10GEVO)



### Technical data

Structure: rigid in stainless steel

Transportability: n. 4 wheels with safety lock

Generator: closed cell (tube) aluminum/ceramic/ stainless steel

Ozone production capacity: 6 - 10 g / h

Concentration at the point of delivery > 50 ppm

Flow rate of the air / ozone mixture: from 170 to 500 mc / h

PLC: on-board computer with 5 "touch-screen video

Programmable delivery intensity: n. 3

Possibility of programming: up to 4 deferred cycles

Catalyst: MnO<sub>2</sub>-CuO

Catalytic filters: n. 1 (total gross air flow 1.150 mc / h)

Noise: <40dB (<60dB filtration)

Pre-programmed quick start keys: 10

Power and voltage: 300 - 400W

Operating voltage: 220V - 50Hz

Operating temperature: 5 ~ 40C

Dimensions: 45 x 29 x 39h cm

Weight: 18 Kg

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Professional Ozone generators with corona discharge technology with closed cell (tube) generator available in the version with nominal production capacity of 6 and 10 g/h, equipped with:

- ✓ catalytic device based on precious metal oxides (MnO<sub>2</sub>-CuO) for the removal of residual ozone in the environments at the end of the treatment;
- ✓ programmable display with touch-screen for setting the most suitable sanitisation cycle according to the actual volume of the premises;
- ✓ possibility to select up to 3 different dates to plan interventions deferred over time and possibility to set the time for a fixed daily cycle;
- ✓ 10 pre-set cycles based on standard sizes for quick launch of sanitisation activities
- ✓ 3 settings choices (low – medium – high) to choose the optimal ozone concentration (in PPM) to be reached in the environments

The devices are also ideal for environmental sanitisation and deodorisation of large rooms (up to 1,000 cubic meters). They can be used for sanitising environments such as clinics, health facilities, offices, shops, hotel or hospital rooms, etc., and the treatment of means of transport such as ambulances and cars. Thanks to the device for the removal of residual ozone, it considerably reduces the overall duration of the treatment allowing for quick access to the treated premises.

The device is easy to use. It is placed in the environment to be sanitised, and, using the convenient touch-screen display, you set the date and time when the treatment is to begin and the exact volume of the premises expressed in cubic meters. The device automatically calculates the correct Ozone delivery time based on the volume of the premises and the concentration to be reached. There are 10 keys for the same number of standard volumes of environments for the quick launch of sanitisation operations. At the end of the cycle, you can access the treated areas in complete safety.

The following accessories are available on request for this device:

- ✓ Advanced software able to save sanitisation data in a database that can be exported to other devices through USB devices
- ✓ USB port for data export
- ✓ Built-in printer to print a ticket that certifies successful treatment
- ✓ Remote control for remote switching on of the device
- ✓ Custom programming of the quick launch keys with the exact volume of the premises to be treated
- ✓ Maximum flow rate can be increased up to 550 m<sup>3</sup>/hr (323 cfm)

