AV OZONE SYSTEM AMBIENT 6G - 10G 2.0 EVO (cod. AVOSA-6G-10G2.0EVO)

Technical data

Structure: rigid in anti-corrosion painted iron
Transportability: n. 4 wheels with safety lock
Generator: closed cell (tube) made of 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 7 "touch-screen video
Certification system: Report production
Amount of data recorded in the Report: 10 parameters
Data storage system: database creation
Data export system: USB / network
Catalyst: MnO_2-CuO
Catalytic filters: n. 2 (total gross air flow 2,300 mc / h)
Selectable delivery intensity: n. 3 programs
Possibility of programming: up to 4 cycles deferred over time
Integrated sensors: ozone, temperature, humidity
Noise: <40dB (<60dB filtration)
Pre-programmed quick start keys: 10
Power and voltage: 700 - 750W
Operating voltage: 220V - 50Hz
Operating temperature: 5 ～ 40C
Dimensions: 45 x 35 x 86 cm
Weight: 35 Kg

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10 g/hr for the sanitisation and deodorisation of environments, equipped with:

➢ 2 catalytic devices based on precious metal oxides (MnO2-CuO) with a total flow of 2,300 m3/hr for the removal of residual ozone in the environments;

➢ programmable display with 7'' touch-screen to set the most appropriate sanitisation cycle (duration and precise amount of ozone to be introduced into the environments) according to the actual volume of the premises;

➢ system for recording data (10 different parameters) relating to sanitisations carried out with the creation of detailed reports and exportable report database

➢ integrated Ozone, Relative Humidity and Temperature sensors

➢ 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 and programmable 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

➢ Connectivity with other devices via wi-fi, bluetooth and 2 USB ports

Top-of-the-range device, specifically designed for facilities that need to monitor and certify with official reports the technical details and environmental parameters of the sanitisations carried out (e.g. hospitals, clinics, outpatient departments, schools, etc.). Thanks to all the functions and sensors on board, the device allows you to carry out sanitisation treatments that are perfectly compliant with what is indicated in the ISS Covid 19 Report no. 56 of 28/07/2020 of the Italian Istituto Superiore di Sanità [Higher Health Institute] in collaboration with INAIL on the professional use of Ozone, also in view of possible future new protocols that may be introduced.

The built-in computer automatically calculates the Ozone delivery time according to the volume of the environment and allows you to programme and store different types of environments. The software has different levels of access and provides detailed reports on the activities carried out (10 parameters including date, operator code, premises sanitised, delivery time, Ozone concentration, temperature, humidity, etc.), automatically creating a certified database that can be exported to other devices through an external USB memory device. The software can also be programmed to interface with other applications via wi-fi, bluetooth and 2 USB ports.

Thanks to a powerful catalytic filtration system based on Manganese dioxide and Copper oxide and 2 centrifugal fans for air treatment with a total flow rate of 2,300 m3/h, the device allows for the rapid conversion of the residual Ozone into Oxygen at the end of the treatment, allowing you to return to the premises soon after.

Numerous accessories are available including, for example: integrated printer that issues a ticket certifying the treatment; remote device for signalling the return of the Ozone concentration below the threshold provided for access to the premises; filtration and drying system of the air used.