



## BioSure Ozone SSS+ Space Sanitisation System

BioSure Space Sanitisation System Plus (SSS+) uses the most advanced electrolysis technology to convert water into high purity ozone gas, safely mixed and misted into the environment for air and surface sanitisation to eliminate bacteria & viruses<sup>1</sup> and deodorize odor. According to research, transmission of the coronavirus may be reduced by continuous, low-concentration ozone treatment in environments<sup>2</sup>.

The low concentration of 0.05 to 0.1 ppm ozone gas emitted by BioSure SSS+ complies with the OSHA occupational safety regulation of the USA. It can also help to increase the environmental humidity so as to reduce the chance of droplet infection. The BioSure SSS+ is ideal for gathering rooms.



### Harmless To Humans

According to the research conducted by Fujita Health University in Japan, 0.05 to 0.1 ppm ozone gas considers harmless to humans<sup>3</sup> and can kill virus, particularly effective in high humidity conditions.



### Eliminates Bacteria & viruses

Ozone oxidizes the cell body of bacteria and viruses, destroying their RNA directly. The sanitation speed is 3,000 times faster than chlorine.



### Deodorizes Odors & unwanted smells

Ozone reacts with odor molecules by transferring the "extra" oxygen atom of the ozone molecule to the odor molecule rapidly, breaking down and aiding in the dissipation of these unwanted smells.

## SPECIFICATIONS

Model	SSS+ EOS7190-P
Control	On / Off
Mode and output ozone concentration	Standard (continuous sanitation mode): 0.05 ppm <sup>3</sup> Boost (space vacancy required): 0.10 ppm <sup>3</sup>
Effective coverage space	LOW fan speed: 35 sq. m MID fan speed: 70 sq. m HIGH fan speed: 150 sq. m
Tank capacity	Pure water tank (for generating ozone gas): 0.2 litre Humidifier tank (for generating water mist): 1.2 Litre
Water quality	Pure water tank (for generating ozone gas): Distilled water <sup>4</sup> Humidifier tank (for generating water mist): Clean tap water <sup>3</sup>
Humidification	100 ml/hr (± 15%)
Electric power	240V / 50Hz / 1ph, 32W
Consumable parts and lifespan <sup>5</sup>	Ozone generator: 1 pc; approx. 9,000 hrs Electrolysis water filter (DI): 1 pc; 1,000 hrs HEPA air filter: 1 pc; 1,000 hrs
Dimensions	230W x 127D x 300H mm
Net weight	2.5 kg

- For details, please refer to Guangdong Detection Center of Microbiology test report on testing the reduction of bacteria using ozonated gas generated by Biolux SSS+.
- Source: [https://www.reuters.com/article/us-health-coronavirus-ozone/japan-researchers-say-ozone-effective-in-neutralising-coronavirus-idUSKBN25MOSO?feedType=mktg&feedName=healthNews&WT.mc\\_id=Partner-Google](https://www.reuters.com/article/us-health-coronavirus-ozone/japan-researchers-say-ozone-effective-in-neutralising-coronavirus-idUSKBN25MOSO?feedType=mktg&feedName=healthNews&WT.mc_id=Partner-Google)
- 0.05 ppm: measured at 5 cm from the fan outlet; 0.10 ppm: measured at 100 cm from the fan outlet.
- Distilled water MUST BE USED in pure water tank because other source of water is not work for this model. For humidifier tank, clean tap water can be used. However, if the tap water contains too many sediments, filtered water is recommended to use.
- It is recommended to replace the consumable parts according to its lifespan listed in order to maintain the performance of the product. However, the actual replacement time should be accorded to actual usage.

\*Technologies applied are protected by one or more of these patents: US 8,308,9104 B<sub>2</sub> / US 9,575,697 B<sub>2</sub> / US 9,248,208 B<sub>2</sub>