saniVENT

Soundproofing and sanitizing air-exchanging system

puma soundproofing

- Sars-CoV-2 decay with **sani**VENT 99.7% greater than in normal conditions
- Actively sanitizes both the air and the booths' internal surfaces
- Guaranteed efficacy thanks to the combined action of UV light and noble metals (photocatalysis)
- Suitable for PUMA's acoustic booths PRO30, PRO35F, PRO45S, easily replaceable to old ventilations
- Easy maintenance after 2 years.

CE

All our products offer the best of italian design

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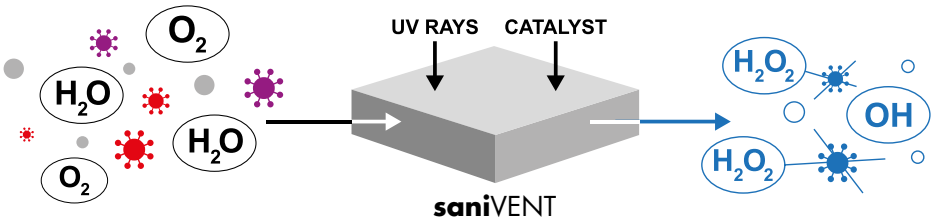
PHOTOCATALYTIC OXIDATION

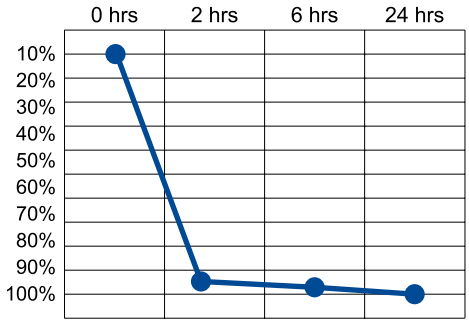
The technology used in **sani**VENT mimics and reproduces what happens in nature through photocatalysis.
This process, that thanks to the combined action of UV rays from the sun, humidity present in the air and some noble metals present in nature, generates oxidant ions capable of destroying the most of polluting and toxic substances.



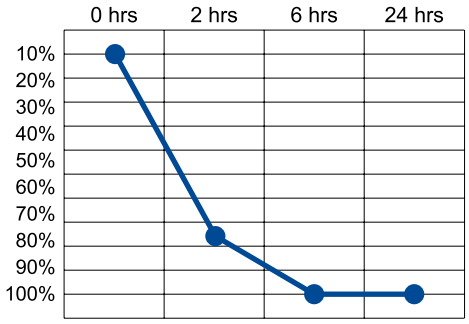
ACTIVE SANIFICATION

Unlike passive sanitization systems (traditional filters, germicidal lamps) which retain and destroy part of the harmful substances only in the spot where they come installed, **sani**VENT has a direct effect on harmful substances present in the complete air flow coming into the booth and on all the surfaces the flow comes in contact with.
The graphics here below show the results of scientific tests carried on in American laboratories about bacteria reduction with fotocatlysis: 99% of bacteria have been defeated after being subjected to air treated with photocatalysis.

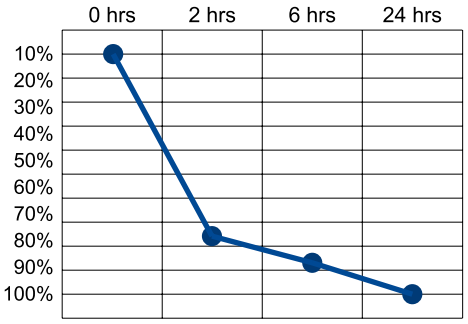
STAPHYLOCOCCUS AUREUS (MRSA)



ESCHERICHIA COLI



STREPTOCOCCUS SPP.



EFFICACY ON SARS-CoV-2

The University of Milan conducted an experiment on the virucidal device at the “Luigi Sacco” department of biomedical sciences.
The decay of the SARS-CoV-2 virus on a cloth composed of 45% polyester and 55% cellulose, exposed to the treated air for 20 minutes in a volume of 2.13 m^3 showed a reduction of 99,7% greater than the natural decay of the virus.

FUNCTIONALITY

The sanitizing system is integrated in the ventilation box. Is is not visible from outside and it works automatically when the fan is in function.

STANDARDS

product conform with the directive 2014/35/EU (low voltage directive).
All the electrical components are conform with the current European directives and are CE marked.

TECHNICAL DATA

- Fan Air exchange capability: 80m3/h (at speed 2)
- Functioning: 230V 50/60 Hz with electric transformer
- Fan power consumption: 130W
- Fan electrical absorption: 0,6A
- Max. ambient operating temperature: +50°C
- Min. ambient operating temperature: -25°C

MAINTENANCE AND CONTRAINDICATIONS

- It is recommended to replace the UV lamp every 2 years, in order to guarantee the same effectiveness. During this operation, it is also recommended to clean the honeycomb grid with a jet of air or water in order to remove the deposits of particulate matter.
- Do not tamper with the system, do not use it when disassembled for maintenance.
- Do not irradiate the UV lamp when it is outside the ventilation: it can cause damages to the eyes and skin.

DISPOSAL

Properly dispose of the UV lamp according to current regulations. The UV lamp contains a small amount of mercury which can cause skin irritation if the lamp breaks. Handle the lamp with care.

NOTES

Test reports and technical documents are available for consultation at Puma’s offices.
Easy and quick installation following the instructions provided.
Warranty: limited to one year from delivery date.

SANIVENT - 07/2021

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