

CLARITY SYSTEM

silentlab



Experience the Clarity System – an innovative way of indoor protection based on BION ionization. In combination with powerful ventilation, the Clarity System creates fresh, ionized, dust-free, and disinfected air.

OPTIONAL
EQUIPMENT



How does ionization work?



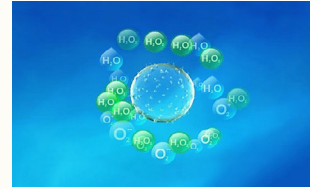
BION Guard uses corona discharge to form oxygen molecules O_2^+ and O_2^- .



These molecules have high chemical activity and when they react with H_2O molecules (humidity), they create H_2O_2 .



Hydrogen peroxide (H_2O_2) together with water molecules, they bind to dangerous particles in the air.



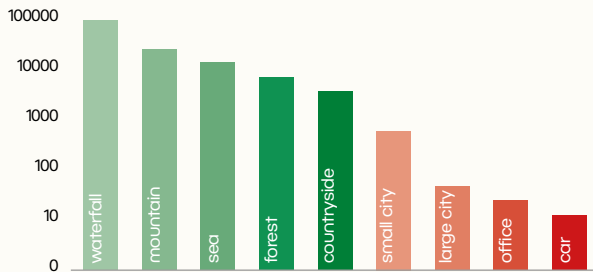
A chemical reaction is formed in which oxidants break down the protein structure of dangerous particles and make them harmless.

The functionality of the Clarity system

- Effectively eliminates a wide spectrum of dangerous microorganisms incl. COVID and SARS
- Neutralizes odors
- Decreases the threat of allergic reactions
- Effectively disinfects the air environment without chemical treatment
- Reduces the number of dust particles in the air

The Clarity system is fully integrated into our ventilation system.

Comparison of the numbers of ions in different environments



Technical details

location	inside the MICROOFFICE ventilation bowels
ozone concentration inside MICROOFFICE	< 0,01ppm*
ion production	10 000–200 000 positive and negative ions per cm^2
certification	RoHS, EMC, CE a UL

* The standard of international standards for ozone concentration is defined by a maximum value of 0.05ppm.

What the ionizer effectively destroys

substance	name of substance	laboratory tested	efficiency	certified
bacteria	Escherichia Coli	EMSL Analytical, USA	99%	2011
	Escherichia Coli ATCC	Istanbul University, Turkey	91%	2011
	Staphylococcus aureus	EMSL Analytical, USA	81%	2011
	Pseudomonas aeruginosa	Istanbul University, Turkey	99%	2011
	Staphylococcus aureus (MRSA)	EMSL Analytical, USA	99%	2013
yeast, fungi	Candida albicans	EMSL Analytical, USA	36%	2011
	Dichobotrys abundans	Prof. Joe F. Boatman, USA	90%	2006
	Penicillium	Prof. Joe F. Boatman, USA	95%	2006
	Aspergillus Niger	EMSL Analytical, USA	97%	2011
mold	Cladosporium cladosporioides	EMSL Analytical, USA	97%	2011
scanty	Bacillus subtilis var niger	Istanbul University, Turkey	89%	2011
viruses	Influenza virus H1N1 – Swine flu	Kitasato Research Center, Japan	99%	2011
	Influenza virus H5N1 – Bird flu	Kasetsart University, Thailand	99%	2011
	Sars Cov 2 – Covid 19	The Chaim Sheba Medical Center, Izrael Industrial Biology Expertise & Solutions, Izrael	99,90%	2020

All intellectual property rights („Rights“), whether registered or not, relating to any content, texts, photographs, images, logos, instructions, designs, technical solutions, etc. („Content“) are the property of SilentLab s.r.o. („Owner“) and any interference with these Rights to any Content or part thereof without the prior express and written consent of the Owner is not permitted. Any use of the Content not expressly authorized in writing in advance, with the exception of internal and non-commercial use of the unmodified Content for the purposes of the customer's own order, is considered an infringement of the Owner's Rights. In particular (not exclusively), any reproduction, change, addition, merger or other modification of the Content is prohibited without the prior express written consent of the Owner.

The final product configuration may differ from the versions shown in the photographs.
SilentLab®, MICROOFFICE® and their logos are registered trademarks of SilentLab s.r.o. All MICROOFFICE products are patent pending.

version 2024.2

AV CONNECTION SET

silentlab



Do you have a client or teammate on the other side of the world? We'll deliver our acoustic pods with complete AV connection set. This makes it easy to install your equipment and the video conferencing experience is almost on par with an in-person meeting. We can install the AV connection set on the glass wall or on the right side of the panel, whichever you prefer.

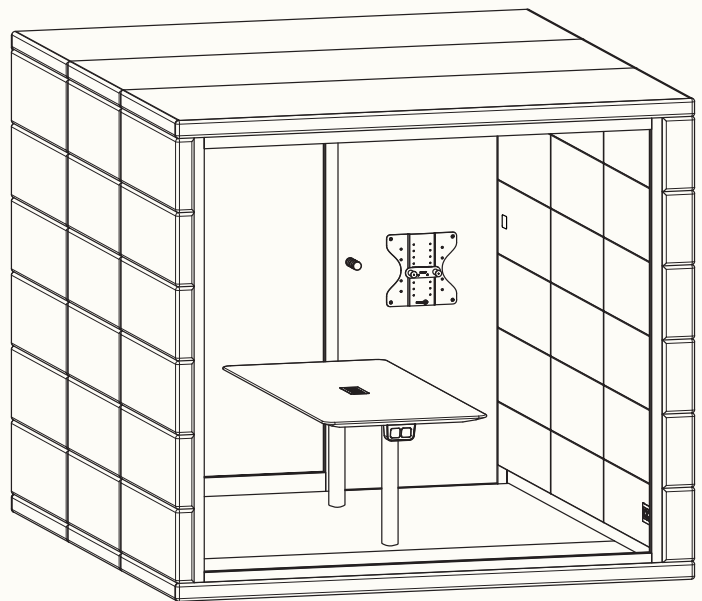
OPTIONAL
EQUIPMENT



AV CONNECTION SET

AV connection set points are built from the factory and combines with complete soundproofing, modern equipment, and high quality audio and video to provide the best meeting environment. All while maintaining a clean and unique design in the market.

All you have to do is choose from two options for the screen location – placement of AV connection set points in the glass walls or in the wall panel on the right side. It's that easy!



*illustration of the possible layout configuration

All intellectual property rights („Rights“), whether registered or not, relating to any content, texts, photographs, images, logos, instructions, designs, technical solutions, etc. („Content“) are the property of SilentLab s.r.o. („Owner“) and any interference with these Rights to any Content or part thereof without the prior express and written consent of the Owner is not permitted. Any use of the Content not expressly authorized in writing in advance, with the exception of internal and non-commercial use of the unmodified Content for the purposes of the customer's own order, is considered an infringement of the Owner's Rights. In particular (not exclusively), any reproduction, change, addition, merger or other modification of the Content is prohibited without the prior express written consent of the Owner.

The final product configuration may differ from the versions shown in the photographs.
SilentLab®, MICROOFFICE® and their logos are registered trademarks of SilentLab s.r.o. All MICROOFFICE products are patent pending.

version 2024.2

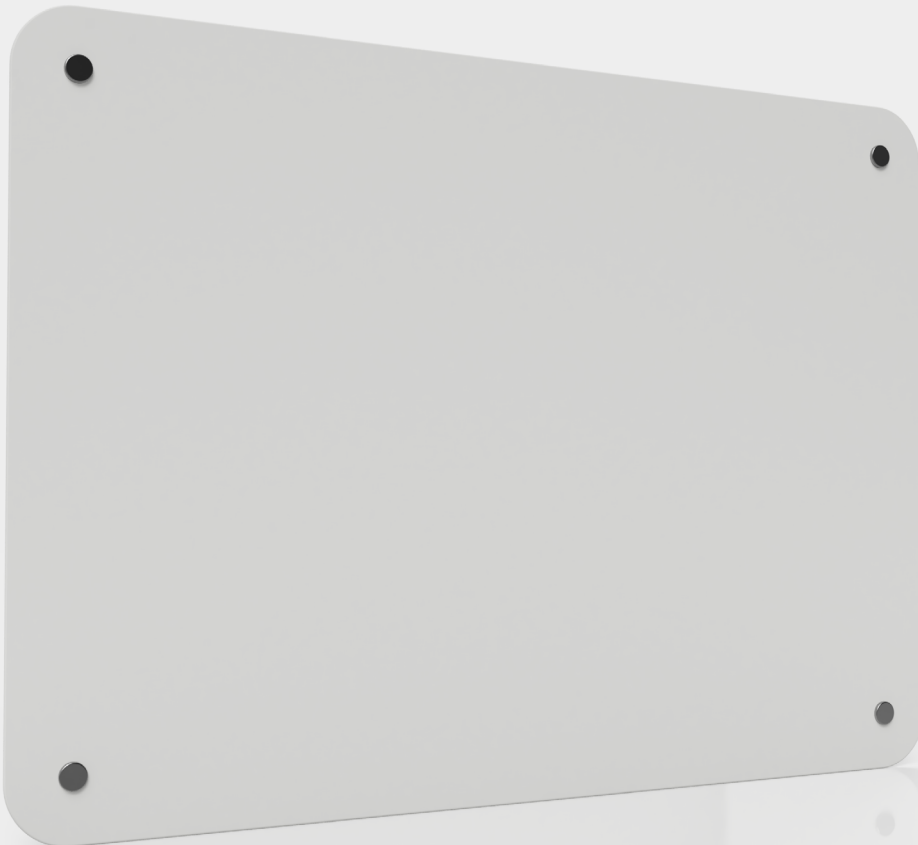
WHITEBOARD

silentlab



This magnetic whiteboard with rounded corners, tempered glass and layer of white varnish for easy readability is a useful tool for meetings and brainstorming sessions.

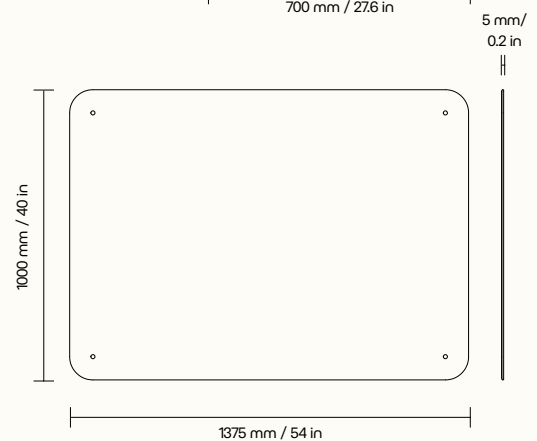
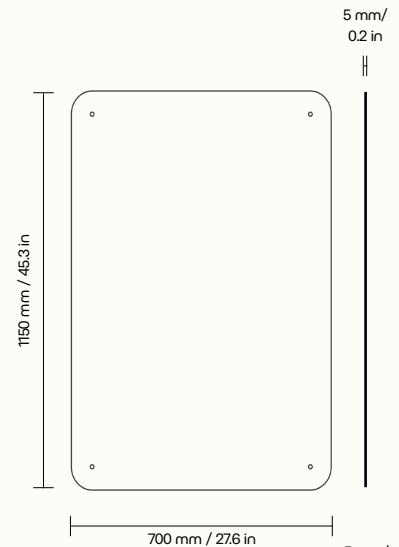
OPTIONAL
EQUIPMENT





Technical details

basic dimensions (w × h × d)	
PRIME/UNIQ	700 × 1150 × 5 mm / 27.6 × 45.3 × 0.2 in
QUADRIO I-IV, CUBIQ, REALM	1375 × 1000 × 5 mm / 54 × 40 × 0.2 in
material	tempered glass, metal sheet with white varnish
options	printed/adhesive back side
installation	standoffs



All intellectual property rights („Rights“), whether registered or not, relating to any content, texts, photographs, images, logos, instructions, designs, technical solutions, etc. („Content“) are the property of SilentLab s.r.o. („Owner“) and any interference with these Rights to any Content or part thereof without the prior express and written consent of the Owner is not permitted. Any use of the Content not expressly authorized in writing in advance, with the exception of internal and non-commercial use of the unmodified Content for the purposes of the customer’s own order, is considered an infringement of the Owner’s Rights. In particular (not exclusively), any reproduction, change, addition, merger or other modification of the Content is prohibited without the prior express written consent of the Owner.

The final product configuration may differ from the versions shown in the photographs.
 SilentLab®, MICROOFFICE® and their logos are registered trademarks of SilentLab s.r.o. All MICROOFFICE products are patent pending.

version 2024.2