

The Effects of Aqueous Ozone on Pathogens

Aqueous Ozone: the Better Way to Clean and Sanitize

WHAT IS AQUEOUS OZONE?

Aqueous ozone (AO) is a product of water and air in the presence of electrical charge. The electrical charge revolutionizes the way people clean, deodorize and sanitize spaces. When produced by EnozoPRO, AO is produced in controlled concentrations and contains no fragrances or dyes.

MICROORGANISM CONTACT TIME REDUCTION

E. coli	30 Seconds	99.9%
Staph A.	30 Seconds	99.9%
Salmonella	30 Seconds	99.9%
Klebsiella pneumoniae	30 Seconds	99.9%
Enterobacter aerogenes	30 Seconds	99.9%

SB100 Spray Bottle Testing Results Using Modified AOAC 961.02 Protocol

All testing done at Lapuck Laboratories, Canton, Mass., following the directions for use in the SB100 manual.
All tests were done on non-porous stainless steel surfaces.

MICROORGANISM CONTACT TIME REDUCTION

Human Coronavirus (surrogate 229E / ATCC VR-740)	30 Seconds	99.9%
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The surrogate virus 229E is the most up-to-date virus commercially available to mimic the SARS-CoV-2 virus responsible for development of the disease COVID-19. The test protocol is based in the ASTM E1052 Standard, with considerations for use of ozone

MICROORGANISM CONTACT TIME REDUCTION

E. coli	30 Seconds	99.999%
Staph A.	30 Seconds	99.999%

SB100 Spray Bottle Testing Results Using Modified AOAC 968.00 Protocol.

All tests were done as suspension testing for Food Contact Surface Sanitization using non-halide chemicals.