



Technology rooted in science



Life doesn't happen in a shoebox, so why rely on testing that does? Instead, we test our products in real world spaces as well as laboratory controlled environments. Here's what we've learned:



Indoor air quality (IAQ) is dynamic. Levels of pathogens, particles, and VOC continuously change based on countless variables such as people coming and going, activities taking place, and kinds of materials used in the space. **Labs can't recreate it.**



While the recent pandemic has increased awareness of the **importance of air quality** to mitigate pathogens, the continuous reduction of particles and volatile organic compounds (VOC) is equally important when creating a **healthier indoor environment.**



Yes, **we've successfully inactivated SARS-CoV2** in a laboratory-controlled chamber (we get that question a lot). But we've also reduced total VOC by >99% in a 1240 sq. ft. commercial space. We're equally proud of both facts, **as well as many other results.**



If you're ready to learn more about a customized and comprehensive IAQ strategy to improve the air your breathing, give us call. **We'd love to talk.**

Our technologies actively and consistently clean indoor spaces, 24/7.

>99.9%

Inactivation*
SARS-CoV-2
aerosol



Setting: Laboratory
Space: 13ft³
Time: <5m35sec
Air exchanges: 10

*Pathogen reduction as
compared to control group.
Testing completed 9/2021

86.9%

Inactivation
SARS-CoV-2
surfaces



Setting: Laboratory
Space: 729ft³
Time: 4 hours

*Pathogen reduction as
compared to control group.
Testing completed 5/2021

>99.9%

Inactivation
MRSA
surfaces



Setting: Laboratory
Space: 1x3" coupons
Time: 6 hours

*Pathogen reduction as
compared to control group.
Testing completed 11/2020

90%

Reduction
surface
bacteria



Setting: Office space
Space: 1200ft²
Time: 5 days

*Testing completed 6/2021

Our technologies actively and consistently clean indoor spaces, 24/7.

>99%
Reduction
Particulate
matter



Setting: Office space
Space: 1200ft²
Time: 3 days

*Testing completed 6/2021

>99%
Mold spores in
air



Setting: Office space
Space: 1200ft²
Time: 3 days

*Testing completed 8/2021

>50%
Reduction
Respirable
particle
counts (dust)



Setting: Office space
Space: 1200ft²
Time: 5 days

*Testing completed 7/2021

Our technologies actively and consistently clean indoor spaces, 24/7.

>99%
Reduction
TVOC



Setting: Office space
Space: 1200ft²
Time: 5 days

*Testing completed 6/2021

>99%
Reduction
Formaldehyde



Setting: Office space
Space: 1200ft²
Time: 5 days

*Testing completed 6/2021

No
Change
Levels of CO₂



Setting: Laboratory
Space: Chamber
Time: 24 hours

*Testing completed 9/2021

No
Change
Levels of H₂O₂



Setting: Laboratory
Space: Chamber
Time: 24 hours

*Testing completed 9/2021