

Reducing the Spread of Disease Through Better Indoor Air

“HEALTHIER AIR FOR EVERYDAY LIFE”

Our safer air systems are designed to clear the air of particles faster -

Particulate matter includes pollutants, dust, allergens, mold, bacteria – and viruses. GPS' technology constantly generates a high concentration of positively and negatively charged ions. These ions travel through the air continuously seeking out and attaching to particles. Larger by virtue of combination, they are more easily captured by the ventilation and filtration systems or become too heavy to remain suspended in the air.

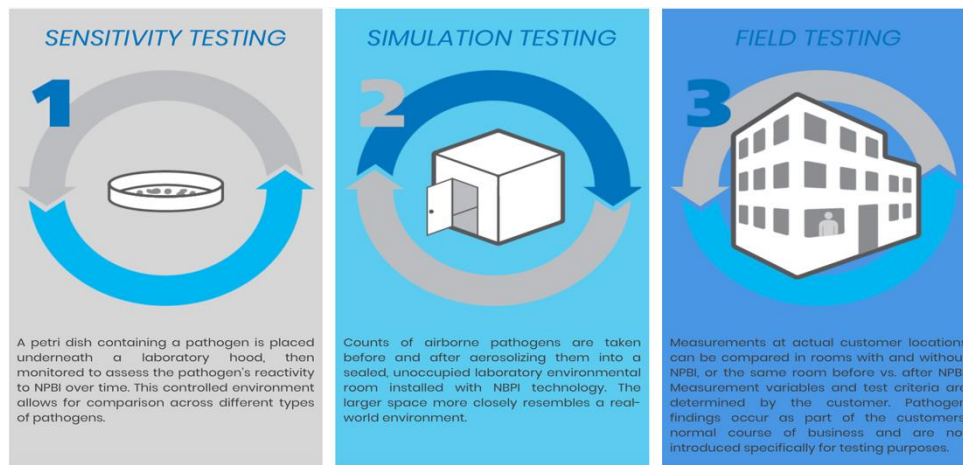
Our Safer Air System Inactivates Pathogens -

When ions come into contact with pathogens, they steal away hydrogen from the pathogens, reducing the infectivity of the virus.

A&A LIFE PRODUCTS ARE SAFE –

Our safer air system is **OZONE** free and safe to use. Traditional bipolar ionization systems produce harmful ozone as a byproduct.

Performance Validation




Norovirus[†]

TIME IN CHAMBER 30 MINUTES

RATE OF REDUCTION 93.5%


† Surrogate for Norovirus, actual strain tested was Feline Calicivirus, ATCC VR-782, Strain F-9



Tuberculosis

TIME IN CHAMBER 60 MINUTES

RATE OF REDUCTION 69.0%



Major Medical Center

6 TEST ROOMS vs. 6 CONTROL ROOMS^L

GRAM NEGATIVE RODS REDUCED TO 0

ISOLATED PATHOGENS 64%-99% LESS PER DAY


LOWER AVERAGE CFU THROUGHOUT TEST PERIOD

Human Coronavirus^{††}

TIME IN CHAMBER 60 MINUTES

RATE OF REDUCTION 90.0%

†† Surrogate for Human Coronavirus SARS-CoV-2, actual strain tested was Human Coronavirus 229E



MRSA

TIME IN CHAMBER 30 MINUTES


RATE OF REDUCTION 96.2%



Legionella

TIME IN CHAMBER 30 MINUTES


RATE OF REDUCTION 99.7%



Staphylococcus

TIME IN CHAMBER 30 MINUTES

RATE OF REDUCTION 96.2%



Air Travel Command Center

BEFORE vs. AFTER 1 MONTH

PARTICLE REDUCTION

0.3µm -- 87.2 %


0.5µm -- 95.4 %

1.0µm -- 95.8 %

Clostridium Difficile

TIME IN CHAMBER 30 MINUTES

RATE OF REDUCTION 86.8%



E.coli

TIME IN CHAMBER 15 MINUTES

RATE OF REDUCTION 99.6%

