



# **Independent Laboratory Testing**

Advanced Air BiPolar Ionization Systems have been tested in an independent third-party testing laboratory. Units tested utilize Advanced Air BiPolar Ionization technology to deploy a high concentration of positive and negative ions into the air which reduce pollutants and improve indoor air quality.

#### **VIRUS TESTING**

Specimen	Time	Reduction	Testing Organization
H1N1 Influenza A Virus	60 minutes	53.19%	GZ Institute of Microbiology
H1N1 Influenza A Virus	120 minutes	99.19%	GZ Institute of Microbiology

### **BACTERIA TESTING**

Specimen	Time	Reduction	Testing Organization
Staphylococcus Albus 8032	120 minutes	99.37%	GZ Institute of Microbiology
Staphylococcus Aureus ATCC 6538	120 minutes	99.43%	GZ Institute of Microbiology
Escherichia Coli (E. Coli) 8099	120 minutes	99.73%	GZ Institute of Microbiology

## **VOC (CHEMICAL) TESTING**

Specimen	Time	Reduction	Testing Organization
Formaldehyde	24 hours	64.40%	GZ Institute of Microbiology
Benzene	24 hours	62.20%	GZ Institute of Microbiology

## PARTICLE (PM2.5)TESTING

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Air Made Better.

Specimen	Time	Reduction	Testing Organization
Particulate PM2.5	60 minutes	98.67%	GZ Institute of Microbiology

Advanced Air's technology is used in a wide range of applications across diverse environmental conditions. Since locations will vary, clients should evaluate their individual application and environmental conditions when making an assessment regarding the technology's potential benefits.

The use of this technology is not intended to take the place of reasonable precautions to prevent the transmission of disease. It is important to comply with all applicable public health laws and guidelines issued by federal, state, and local governments and health authorities as well as official guidance published by the Centers for Disease Control and Prevention (CDC), including but not limited to social distancing, hand hygiene, cough etiquette, and the use of face masks.

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Pathogens





