

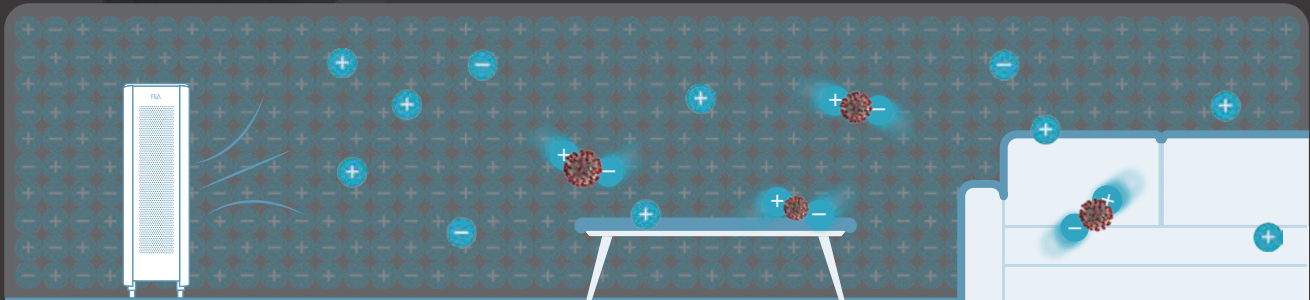
## RIA SafeGuard



RIA's bi-polar ionization technology with AtmosAir inside received outstanding microbiological efficacy testing results on human coronavirus from Microchem Laboratory, a **99.9% reduction of the human coronavirus 229E**. The test result also shown that the influenza A virus (H1N1) is reduced by 99.99%, MS2 (RNA virus) is reduced by 99%, and Escherichia Coli and Staphylococcus are reduced by 99%.

RIA SafeGuard saturates the area with beneficial ions that attack pathogens in the occupied space, protect occupants against the spread of illness. It provides **continuous** disinfection, **proven safe to use while occupants are within the space**. Unlike passive air purifier which has airflow latency, RIA SafeGuard provide immediate and continuous protection.

This technology is trusted by: The Walter Reed Medical Hospital, Google, Deloitte, PwC, LA World Airports, Empire State Realty Trust, USC, UCLA, Northwestern University, University of Maryland, New England Patriots, Dallas Cowboys, Staples Center, Hilton, CBRE, Baker McKenzie, Disney and more.



RIA SafeGuard (AtmosAir Solutions)

Bi-polar ionization  
Bi-polar ions proactively react with viruses, germs, and particles.

## Specifications

### PRODUCT

RIA SafeGuard  
RIA SafeGuard Pro

### ION OUTPUT

Single tube capacity  
Dual tubes capacity

### COVERAGE AREA

≤100m<sup>2</sup> / 1076 ft<sup>2</sup>  
≥100m<sup>2</sup> / 1076 ft<sup>2</sup>

### ELECTRICAL RATING

120V / 240V, 50-60Hz, 60W  
120V / 240V, 50-60Hz, 65W

### AIR FLOW

1200 CMH (4 ACH)

### MAXIMUM NOISE LEVEL

≤61dB (Standard Mode)  
≤75dB (Turbo Mode)

### FILTER LEVEL

HEPA H13

### DIMENSIONS & WEIGHT

42 x 28 x 90cm, 30kg

## Laboratory Reports

- Coronavirus tested at Microchem Laboratory - ASTM E1053 NG15291
- Clostridium Difficile tested at Microchem Laboratory - ASTM E1153 NG7257
- H1N1 tested at Gmicro Testing - 2020F M12168R01E
- VOCs tested at Syracuse University - Report No. 2018BEEESL
- IAQ Testing Report tested at EMSL Analytical, Inc. - 371718751
- MS2 Bacteriophage tested at Antimicrobial Test Laboratories - NG6275
- Escherichia coli K12 tested at Antimicrobial Test Laboratories - NG6275
- Staphylococcus Saprophyticus tested at Antimicrobial Test Laboratories - NG6275
- Ozone (O<sub>3</sub>) Testing Report tested at Intertek ETL - 102097853CRT-001

## Certifications

- Communate Europpeene (CE) LVD - ISETC.001820201022
- Communate Europpeene (CE) EMC - ISETC.001820201022
- CE Restriction of Hazardous Substances (CE RoHS) - CTB201022011CX
- Federal Communications Commission (FCC) - CTB201020017EX
- International Electrotechnical Commission (IEC) - IEC 60335-1

# The Benefits of RIA SafeGuard

## Purification Without Dead Corner

BPI technology continuously releases ions that spread all over the environment, which can purify molds, bacteria, and viruses (such as Coronavirus) in the air and the surface immediately.

## Safe With People, Make People Safe

RIA SafeGuard will not produce substances harmful to the human body when it is in operation. Therefore, RIA SafeGuard can operate continuously in the coexistence environment with people so that the whole space can be continuously disinfected and purified.

## Comprehensive Purification Technology

RIA SafeGuard has the most comprehensive purification technology. Through the proactive BPI instant purification technology and H13 medical-grade HEPA filter, these "ACTIVE" + "PASSIVE" technologies can build complete protection.

## Particle Decay

Particles, including PM<sub>0.3</sub>, stick to one another due to the ion charge (a process called agglomeration), fall out of the breathing range, and more easily be captured by the filters in the HVAC system.


**99.9%** Reduction in **Coronavirus**

**99.9%** Reduction in **MS2 Bacteriophage**

**99.9%** Reduction in **H1N1**

**99.9%** Reduction in **Staph and E.coli**

## RIA SafeGuard vs. Competing Technologies

		Needlepoint Ionization	Media Ionization	UV	POC	Carbon Filters	Electronic Air Cleaners	Scent Generators
Affects contaminants "in the space"	YES	NO	NO	YES	YES	NO	NO	YES
Surface sanitation	YES	NO	NO	NO	NO	NO	NO	NO
Reduce odors	YES	NO	NO	NO	NO	YES	NO	YES
Reduce VOCs	YES	NO	NO	NO	NO	YES	NO	NO
Reduce particles	YES	NO	YES	NO	NO	YES	YES	NO
Effective on bacteria, viruses and germs	YES	YES	NO	YES	YES	NO	NO	NO
No chemicals or bi-products	YES	YES	NO	YES	YES	NO	NO	YES
Tested contaminant reductions in occupied space	YES	NO	NO	NO	NO	NO	NO	NO
Maintenance	Every 2 Years	When needles wearout	Quarterly	Yearly	Yearly	Monthly	Monthly	Monthly

## Certifications

