

RIA SafeGuard PRO - up to 130M2

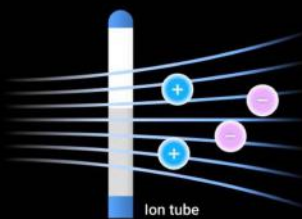


RIA's bi-polar ionization technology with AtmosAir inside received outstanding microbiological efficacy testing results on human coronavirus from Microchem Laboratory, a **99.9% reduction of the human coronavirus 229E**. The test result also shown that the influenza A virus (H1N1) is reduced by 99.99%,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

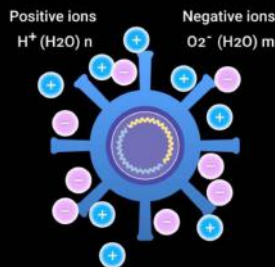
This technology is trusted by: The Walter Reed Medical Hospital, Google, Deloitte, PwC, LA World Airports, Empire State Realty Trust, USC, UCLA, Northwestern University, University of Maryland, New England Patriots, Dallas Cowboys, Staples Center, Hilton, CBRE, Baker McKenzie, Disney and more.

AtmosAir Bipolar Ionization Tubes inside RIA



STEP 1: Airflow carries Oxygen molecules over the BPI tubes. This produces positively and negatively charged Oxygen ions in large quantities that saturate the indoor air.

Bi-Polar Ions Saturate the Indoor Air



STEP 2: These ions actively and continuously saturate the indoor air and attach to viruses, germs, bacteria, mould, VOC's, odours and PM 2.5, PM0.3 particles.

Bi-Polar Ions Deactivate the Virus



STEP 3: Bi-polar ions pull Hydrogen molecules of of Viruses to combine and form water vapor. This deactivates the virus, rendering it inactive. It can no longer infect people or animals even when inhaled.

Specifications

PRODUCT

RIA SafeGuard
RIA SafeGuard Pro

ION OUTPUT

Single tube capacity
Dual tubes capacity

COVERAGE AREA

≤100m² / 1076 ft²
≥130m² / 1500 ft²

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. 2018BEESL
- 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 (O₃) Testing Report tested at Intertek ETL - 102097853CRT-001

Certifications

- Communate Europpe (CE) LVD - ISETC.001820201022
- Communate Europpe (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 PRO

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_{0.3}, 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 wear out	Quarterly	Yearly	Yearly	Monthly	Monthly	Monthly

Certifications

