

SCITECH AIROSAN™

POWERED BY MAINTENANCE FREE IONIZER TECHNOLOGY

TESTED AND PROVEN FOR SARS COV-2 VIRUS BY ICMR APPROVED LAB

RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY, THIRUVANANTHAPURAM
UNDER DEPT. OF BIOTECHNOLOGY, MINISTRY OF SCIENCE AND TECHNOLOGY, GOVT. OF INDIA

TESTED AND PROVEN FOR BACTERIA & FUNGI BY ICMR APPROVED LAB

AGHARKAR RESEARCH INSTITUTE, PUNE
UNDER DEPT. OF SCIENCE AND TECHNOLOGY, MINISTRY OF SCIENCE AND TECHNOLOGY, GOVT. OF INDIA

Scitech AIROSAN™ harnesses the ability of negatively charged air particles to remove airborne pathogens and pollutants.

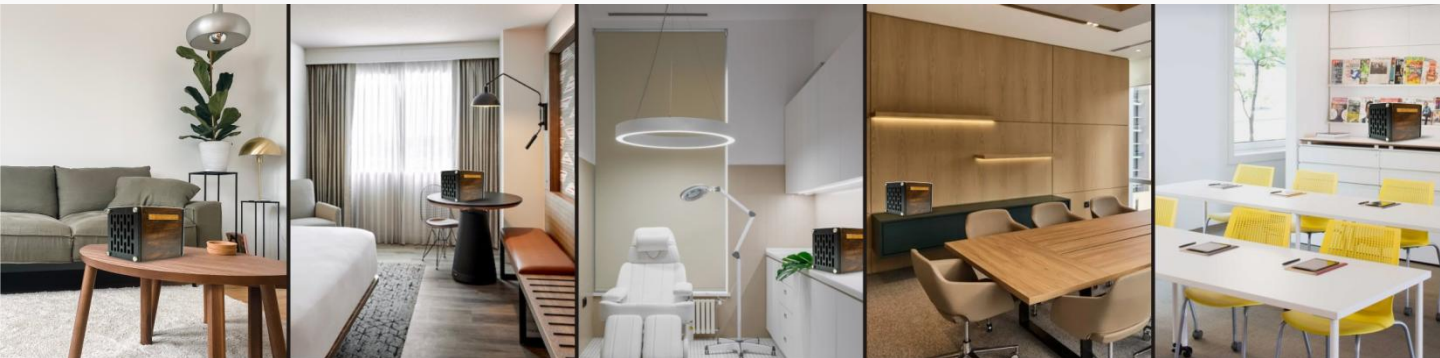
Negative ions emitted by the negative ion generator react with atmospheric oxygen and water molecules to form highly reactive Superoxide (O_2^-), Hydroxyl (OH^-) and Hydrogen Peroxide (H_2O_2) radicals, which are known powerful atmospheric detergents.

Negative ion radicals are effective in deactivating outer walls of viruses and oxidizing cell membranes in bacteria and fungi, thereby reducing airborne pathogen infectability.

Dust particles and aerosols are known to be removed from the air by settling due to the cluster forming effect induced by negative ions.

Other pollutants such as SOx, NOx and VOCs are removed due to oxidation on exposure to negatively charged radicals.

Custom Engineered Air Purification Systems can be designed for larger air-conditioned spaces such as Theatres, Auditoriums, Hospital Wards, Airports, Classrooms, Industries, Homes and Offices.



COMPACT

100% proudly Made in India
Compact and Portable design
Lowest power consumption

SAFE

Odorless & Safe for use at offices and homes, clinics and enclosed spaces up to 1,000 sq. ft. / 10,000 cft.
Proven negative ion technology based air purifier, emitting 2 billion ion particles per second
Proven to be effective in reducing indoor air pollution

MAINTENANCE FREE

Plug and use
Maintenance free solution
Realtime protection

OZONE FREE TECHNOLOGY

TOTAL SARS COV-2
VIRUS DESTRUCTION WITHIN
60 MIN. OF OPERATION

10 YRS+
MAINTENANCE FREE LIFE

RATING

7W, 50mA, 230 VAC (± 10), 50Hz

ION EMISSION RATE

More than 2 billion ions per second

DIMENSIONS (LXBXW)

(280 x 155 x 155) mm

WEIGHT

2.4 kg

AREA COVERED

1,000 sq. ft. / 10,000 cft.



Developed and Manufactured by

SCIENCE AND TECHNOLOGY PARK, PUNE

Supported by Dept. of Science and Technology, Govt. of India

In collaboration with Wolt Powertronics Pvt. Ltd., Pune

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