

SCITECH AIROSAN™

AIR PURIFIER

POWERED BY MAINTENANCE FREE IONIZER TECHNOLOGY



Rating:

7W, 50mA, 230VAC (±10), 50Hz

Ion Emission Rate:

More than 2 billion ions per second

Dimensions (L x B x W):

(280 x 155 x 155) mm

Weight:

2.4 kg

Area Covered:

5000 cu.ft.

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

Negative ions emitted by the air purifier 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 in 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 and Offices.

Developed and Manufactured by



Science and Technology Park, Pune

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

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EFFECTIVE FOR HOMES, SMALL CLINICS, OFFICE CABINS, MEETING ROOMS, SMALL OFFICES & LUXURY BUSES. MULTIPLE UNITS CAN BE USED FOR LARGER SPACES

ESSENTIAL FOR PERSONAL WELLBEING AND HEALTHY LIVING

EFFECTIVE IN CONTROLLING INDOOR AIRBORNE PATHOGENS AND POLLUTANTS