SCITECH AIROSAN™

negative ion generator

Designed and developed by

Science and Technology Park Pune

EFFECTIVE IN CONTROLLING INDOOR AIRBORNE PATHOGENS AND POLLUTANTS

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 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.

Applications

- Model CUBE-5 is effective for rooms of size up to 500 sq.ft. in homes, small clinics, office cabins, meeting rooms and small offices. Multiple units can be used for larger spaces
- Custom engineered negative ion generator systems can be designed for larger airconditioned spaces such as theatres, auditoriums, hospital wards, airports, classrooms, industries and offices
- Coming soon – AIROSAN-Personal that fits in your pocket and USB operated AIROSAN-Mobile for the car and phone

ESSENTIAL FOR PERSONAL WELLBEING AND HEALTHY LIVING

CONSTANTLY SATURATE ANY SPACE WITH MORE THAN 15,000 IONS/CU.CM.

Science and Technology Park, Pune
Supported by Dept. of Science and Technology, Government of India
Website: www.scitechpark.org.in
Email: enquirystp@scitechpark.org.in
Phone: +91-9960000963 / 988

V2-011220