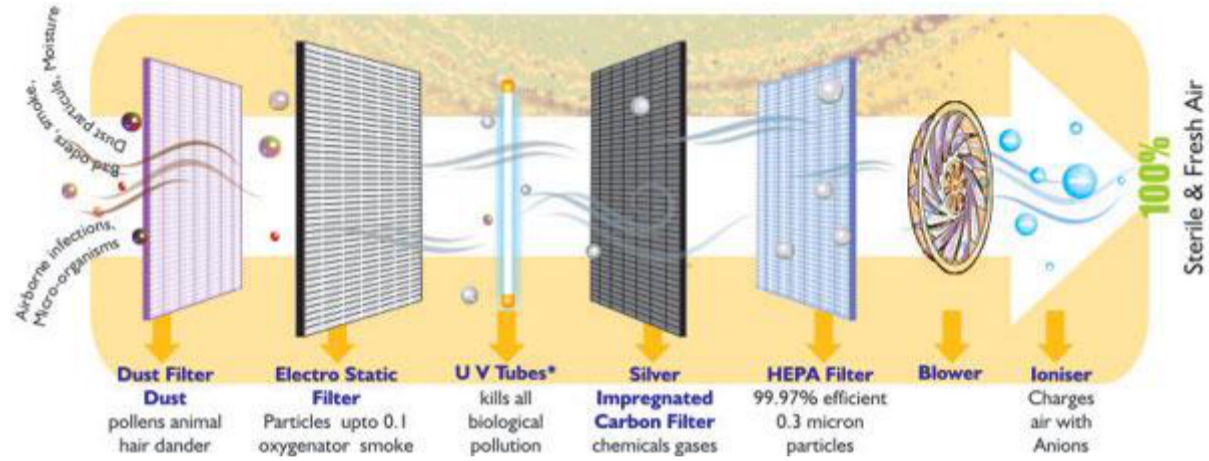


Get In Touch

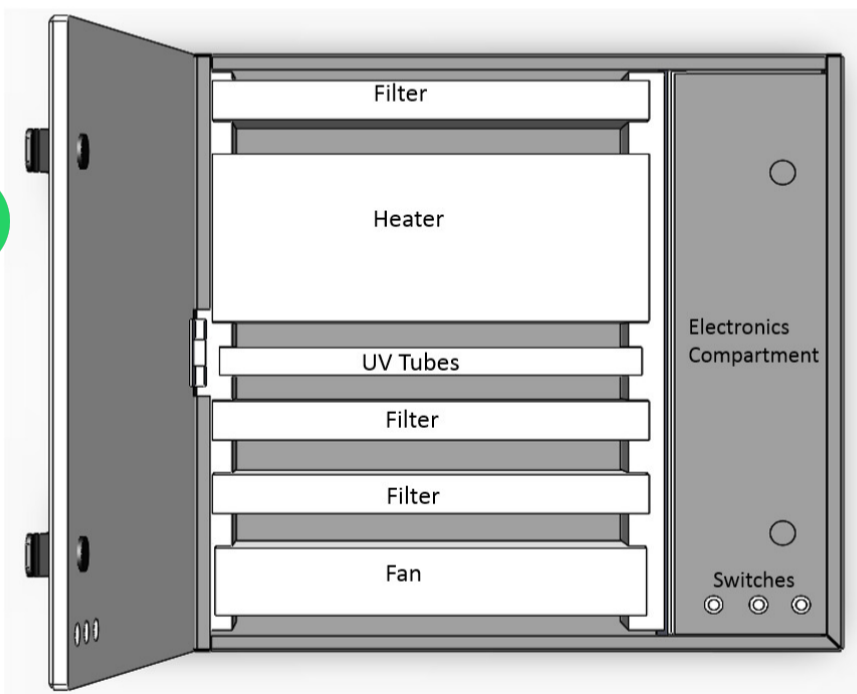
Zephyr



Sterlomaxx Zephyr comes from a family of our 1st generation air steriliser SM2K. It uses the same 5 stage filtration technology which is tested & proven to be more than 90% efficient in reducing airborne contaminants thus controlling the spread of airborne infections. National Chemical Laboratory, Pune & Haffkine Institute, Mumbai had carried out rigorous tests for its effect on airborne microorganisms including bacteria, virus & fungal load in the air. The results had shown remarkable difference between before & after test results with zero microbial counts of some of the test results.

Technology

Zephyr uses the same proven technology of ESP alongwith Germicidal UV irradiation & 0.3Micron HEPA filter. This ensures removal of all kinds of microorganisms in the air. Zephyr pulls in the air & cleans it by passing it through 5 stages of filters placed in the most scientific way to give the best results. Zephyr ensures the air that you breathe, if free from all airborne pollutants, allergens, chemicals & microorganisms. It makes the air totally safe for your family members. With Sterlomaxx, You can Breathe Safely Now !!





Mechanism

Sterlomaxx Zephyr covers an area of 2000 Cubic Feet (200 SFT) in the most effective way. By removing the airborne dust, which works as the carrier of microorganisms & destroying them through its efficient filtration process, it becomes necessary for the environments where chances of spread of airborne infections are very high. Areas, such as airconditioned offices, homes, schools, OPD for doctors, professional consultants, elderly or childcare centres etc.



Versatile

Zephyr is a 3rd generation model which is versatile enough to be mounted on wall &/or table. Its light weight & sleek design makes it portable & durable. It doesn't require a specialist to operate or clean the machine. It's extremely user friendly yet covers all the safety aspects of our customers.



CFD Analysis

CFD Analysis Sterlomaxx Zephyr



Sterlomaxx Zephyr has been tested through Computed Fluid Dynamics to understand its function, effect & behaviour in a simulated ICU environment. We created 3000 Cubic Feet of hospital ICU room with 3 patients. One of the patients is infected & is spreading contamination in the room.

The hospital ICU has an air conditioner with a 500 cfm airflow & 15 % fresh air intake & Sterlomaxx Zephyr, with an airflow of 220 cfm. Normal breathing rate for each individual is considered & simulation results were checked with & without air purifier functioning.

Data was gathered from thousands of points & air pattern was studied for spread of contamination & airflow through air purifier & airconditioner. Multiple readings were taken for a sytudy of over 2 hours of operation. The results clearly shows, Sterlomaxx Zephyr reducing the overall contamination levels by more than 76%.

We at Relique Industries manufacture worldclass products that help to improve the indoor air quality. We are air purifier manucaturers based in Pune, India. Sterlomaxx has been improving the indoor air quality across the world since 2001.



Work Days

Mon - sat

09am - 05pm

Sunday

Closed

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We know the importance of after sales service.

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