

Miniature Air Handling Unit

A revolutionary germicidal product



Air Handling unit with forced air circulation with Pre filters, HEPA Filter, Ultra Violet light & many more Air Purification system to ensure sterile & purified Air.



A Must Unit in:

- Operation Theatre
 - Critical care units
 - ICU
 - NICU
 - Human Milk Banks
- And all other areas where sterile Environment is Mandatory.

Alpha Miniature Air Handling Unit is a revolutionary new germicidal product for air sterilization. It sterilizes premises against airborne infection caused by bacteria and spores. It is compact, portable, easy to use and maintain and complies with International Statutory Safety Regulations. The Alpha unit is capable of destroying greater than 99.97% of micro-organisms in the air.

UV tubes arranged in a mathematically designed reflective chamber; controlled airspeed and lengthwise flow of air in close proximity to the tubes provides maximum killing power even for the toughest bacteria, germs, spores and moulds.

Alpha has been exhaustively tested under field and laboratory conditions. A range of trials performed by Microbiology Laboratories employed a number of different test protocols to measure the machine's efficiency. Tests against both airborne and normally static organisms proved equally effective across a wide range of genera including gram positive and gram negative bacteria, moulds.

Unit's performance & trials were carried out within various hospitals in and around Pune.

Product Features:

Safe - no toxic residues, silent operation, low operating costs, compact, portable, modern design, high efficiency to size ratio, no ozone depletion, ease of use and maintenance.

Alpha Miniature Air Handling Unit provides a comprehensive solutions for infection control and sterilization.



Easy to Install and use

Height	: 460 mm
Width	: 415 mm
Weight	: 9 Kg
Electrical	: 220 Volts
Power Consumption	: 60 Watts
Fan Type	: 80 C.F.M.
dB rating	: 40 dB
Pre Filter	: Non woven poly - 5 micron
A.C. Filter	: Silver impregnated carbon filter
Hepa Filter	: Efficiency 99.97% - 0.3 micron
E.S.P.	: Germicidal type
High Voltage	: Anion Ion Generator
Area recommended	: 2500 cu feet
Installation method	: Wall mounted

Applications:

Hospitals and Healthcare:

- Operation Theatres
- Burns Units
- Neo-Natal Wards
- Intensive Care Units (ICUs)
- Post-Operative / Recovery Rooms
- Orthopedic Rooms/wards
- Isolation rooms/wards
- Microbiology / Pathology Labs
- Culture Rooms
- Sterilization Depts.
- Mortuaries/Morgues
- Waiting & Consulting rooms
- General Wards (OPDs), etc.

Pharmaceutical Industry:

- Microbiological Labs
- Clean Rooms
- Pass Boxes
- Packing areas
- Sterile Storage Rooms
- Sterilization Departments, etc.

Alpha Miniature Air Handling Unit can even be used in Rest rooms & Pantry for effective removal of odour.

Life changes so do concepts, ideas hence for constant up gradation we reserve the right to change the specifications & features without prior notice to ensure harmony between man & the machine.



Innovated by

Shreeyash Electro Medicals

Sr. No. 49, Plot No. 22, Shri Sai Industrial Estate,

Gujarwadi Phata, Katraj, Pune 411046, INDIA

Mobile: +91 98223 75996 / +91 98224 76056

Factory: +91 89561 44211 / +91 89561 44212

dragonfly.sudhir@gmail.com | www.shreeyashelctromedicals.com

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