UV Steril Air System

Airborne Disinfection Devices

KOVER SYNERGY INDOOR AIR QUALITY

Patented & Certified

Patent n. MI92U 00028
n. DM/055975
n. MI2001A 001405

Conforms with the following standard : CE Dir. Medical Equipment Class I 93/42CEE– EN 60601-1

Air Germ UV

cod, 11200 COD. 11200 - B

Operation is based on a closed- cycle forced ventilation system.

When air is taken in by unit it passes through a mechanical filter at the entry valve where larger pollutants are blocked, thus avoiding dirtying the germicidal lamps.

The air is then forced into direct contact with mercury vapour tubes which emit UV-C rays, completing maximum germicidal action.

A high power reflecting specular screen concentrates the UV-C radiation reflections.

THE GREATEST ADVANTAGE OF THIS SYSTEM IS ITS ABSOLUTE LACK OF DANGER TO MAN IN THAT THERE IS NO LEAKAGE OF UV-C RADIATIONS FROM THE UNIT.

It is therefore possible to carry out continuous and constant air sanitizing of any area during working hours, without prejudice to the health of personnel.

AIR GERM UV

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TECHNICAL DATA

Rated voltage	230V 50 Hz
Consumption	70W
Rated flow	56 m^3/h
Operation	continuos
Noise level	29dB
Lamp	n.2 X 9W PL-S G23
Wavelength	253,7 nm
Ultraviolet energy levels	7.2W
Germicidal Irradiation	7.200 µW/cm^2
(An sterilization chamber)	
Level of air sterilization	95,8%
(refers to germicidal UV 253,7 nm radiation for the destruction of Mycobacterium tubercolosis)	
Life of UV-C tubes	**6000 hours**
Equipment	N. 1 Filter
Lamp switch	Anti UV-C glass
Ozone	none
Ranger level	none
External UV-C emission	none
Installation	Wall mounting / Stand
Dimensions	cm 45x18X8
Weight	Kg. 3,5

KOVER Srl informs that the above specifications are indicative. ***KOVER*** Srl reserves the right to introduce any modification without notice.

APPLICATIONS

The main applications of UV STERIL AIR SYSTEM can be classified as follows:

* For a general disinfection of the air

hospitals - operating theatre - emergency rooms - dental laboratories - dentists' offices - doctors' offices - veterinary offices - pharmaceutical industries - breeding farms - area for food and drink production - food laboratories - refrigerator cells - aesthetic institutes – homes – offices - air conditioned areas - etc.

CERTIFICATION

- University of Studies of Milan, Italy - Istituto di Ispezione degli Alimenti di origine animale.
- University of Studies of Milan, Italy – Dip. di Scienze e Tecnologie Alimentari e microbiologiche
- Russian federation Institute of Infantile Oncology OSC – Russian Academy for Medical Sciences RAMS Moscow, Russia.
- IST – National Institute for Cancer Research – Genova, Italy
- Fondazione Salvatore Maugeri – Laboratorio di Igiene Ambientale e Tossicologia industriale
- University of Studies of Milan, Italy – Dip. Di Scienze e Tecnologie Veterinarie per la Sicurezza Alimentare
- University of Ottawa-Ontario CANADA Faculty of Medicine Centre for Research in Environmental Microbiology(CREM)
- **University of Athens** -Medical school -Laboratory of Microbiology -Professor Dr N.J.Legakis