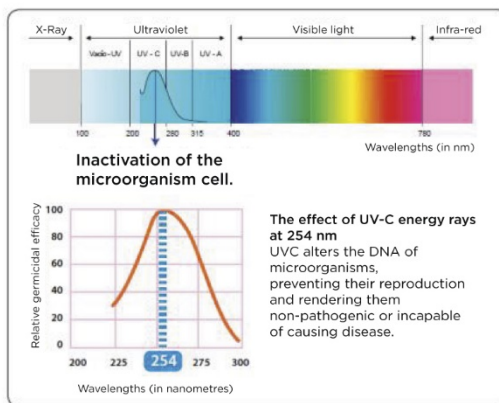


DESCRIPTION

- UV FLOW is designed for air disinfection, by emission of ultraviolet energy in the UV-C confined band.
- UV energy does not penetrate ordinary glass, so it can be used safely on the other side of windows. It also has a limited penetration through dirt, so it should be used on clean surfaces.
- Artificial UV-C energy is produced by germicide ultraviolet lamps that produce UV energy by ionizing low pressure mercury vapour. These lamps are similar to typical household fluorescent lamps, but they don't have the phosphorescent layer that provides their soft white light. Ionized mercury predominantly emits a distinctive wavelength of 254 nm in the UV-C band, which is the ideal wavelength for denaturing the DNA of single-celled organisms.
- A faint, "clean" odor can be detected in the room after the disinfection cycle. UV-C breaks down molecules associated with various unpleasant odors in the air. This results in the smell of "clean air".



APPLICATIONS

The UVFlow system is designed to be used as part of a continuous disinfection program. This equipment eliminates pathogens from a closed environment, by extracting air and passing through UVC germicide lights. UVFlow contains lamps that emit UVC energy, which destroys the DNA/RNA strands of pathogens by 99% (viruses, fungi and bacteria) preventing them from spreading through the environment and infecting people. UVFlow is designed to protect people in the environment in which it is placed. Our UVFlow UVC disinfection system is a fixed electronic device consisting of an appliance to be mounted on a wall. It has air forcers and manual controller.

ESPECIFICACIÓN

DESCRIPCIÓN

Lamp type	Two (2) maximum power germicide ultraviolet lamps; 254 nm, patented technology.
Treatment area	200 m ³ /hs. Can be used in the presence of people.
Ballast (2)	Solid state, electronic.
Dimensions	120 cm length 12 cm x 15 cm lid dimensions.
Length of the lamps	120 cm.
Life of each lamp	8.000 accumulated hours of "On" time.
Certifications	ANMAT does not apply. Electrical certifications in process.
Power supply	110VCA (1,4A)-220(0.7A) VCA (Alternating Current Volts) 50/60 Hz.
Power	
Power connector	Wide cable, 10 feet.
Timer start cycle	10 seconds per defect.



UV FLOW WEIGHT: 6 Kg.
WEIGHT WITH PACKAGING: 6 kg.
DIMENSIONS PACKING: 124 cm x 15 cm x 15 cm.

The device is packed in a corrugated cardboard box with interior protections. Inside you will find the "MANUAL OF USE, MAINTENANCE AND TRANSPORT".

THE PACKAGING is signposted to be easily identifiable. The UVFlow disinfection system is an automated electronic device that is placed on a wall, for the continuous disinfection of the environment through the passage of air through the DARPAS FLOW duct. Inside it are encapsulated UVC lights. The unit is UV resistant.

SAFETY INFORMATION

- To reduce the risk of electric shock, this device has an electrical socket. If the available power supply is not compatible with this grounding, contact qualified personnel to install the socket properly.
- The disposal of used lamps must be done in accordance with the local regulations in force.
- When moving the apparatus in irregular terrain or on a slope, do so with caution.

RECYCLING

Ultraviolet lamps are made of materials that we can recover and recycle. Inside they have small amounts of mercury that we must prevent them from being released into the environment. Their recycling is regulated by WEEE, the regulations that stipulate the collection of electrical and electronic equipment and the management of their waste to ensure their correct environmental management. The ultraviolet lamp should be recycled in specific containers (the same as for conventional fluorescents).