

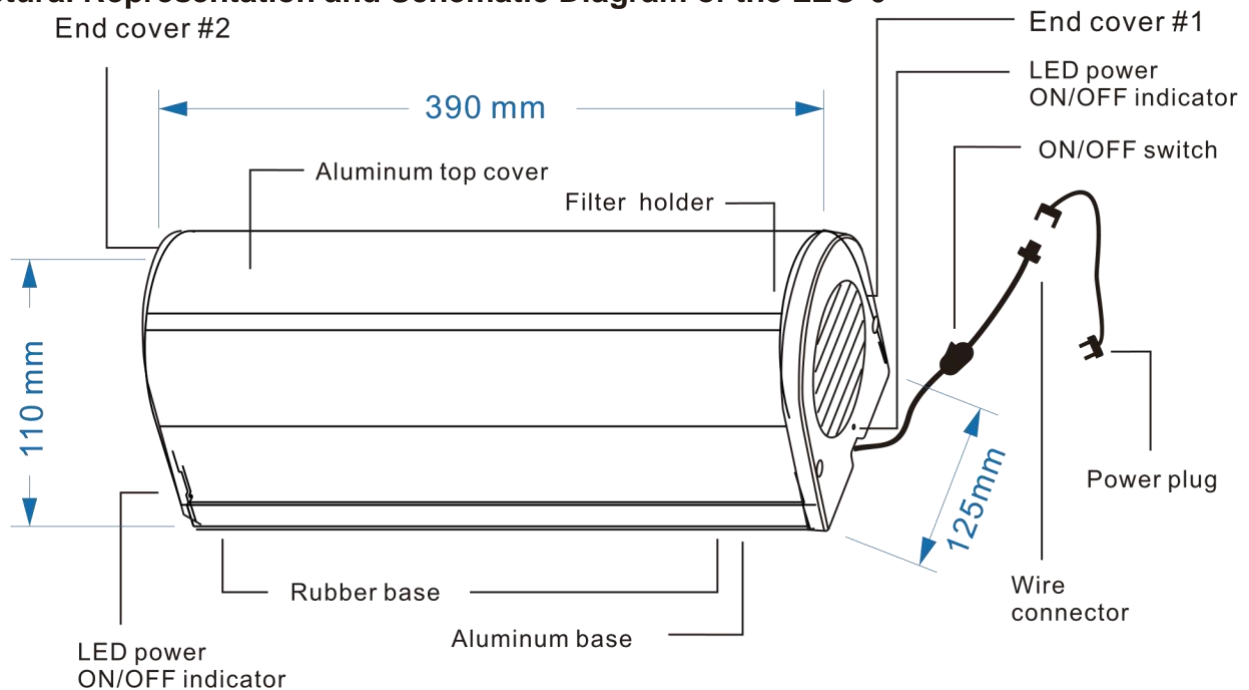


UVGI LEO-6 AIR STERILIZER

Model: LEO 6
 Lightwave: UV-C primarily in the 253.7nm wavelength
 Power: AC220-230V,50Hz
 UV intensity inside the chamber: 15,000 $\mu\text{w}/\text{cm}^2$
 Bulb lifespan: 8 000 operational hours
 Ballast lifespan: 20 000 operational hours
 Bulb length: 217mm
 Power of bulb: 18 watts amalgam
 Negative ions: 2 millions/cc
 PCO plate inside coated with SM nano 1152 TiO₂
 PP plasma filter
 Effective area: 30 square meters
 Net weight: 2.5 kgs
 Built-in suction fan with pilot light
 indicating when UV-C lamp needs to be replaced
 PCO plate coated with SM nano1152 TiO₂
 Negative ion



Structural Representation and Schematic Diagram of the LEO-6



To mitigate against airborne viruses,

bacteria, mold and yeast.

UVGI LEO-6

UVGI LEO 6 : HOW THEY ARE MADE

www.somamedicalnews.com www.uvgi.asia www.somamedical.net

UVGI LEO 6 Air purifiers are designed for effective action in environments up to 125 cubic meters (roughly corresponding to a base area of 45 square meters).

For larger spaces it may be appropriate to install more units equally distributed in the environment.

The electro-photostatic filter removes particles up to 5 microns from the air, such as pollen, dust and other allergens. Ensures an ideal and lasting operation of the unit.

The ultraviolet light (UV-C) working at 253.7 nm emitted by the lamp eliminates bacteria, viruses, spores, molds and any other micro-organism present in the air.

The interaction of UV-C light with the titanium dioxide SM Nano1152 with the lamellae on the inner lining of the lid generates a natural phenomenon called 'photocatalytic oxidation' which causes a reduction of the organic vapors (VOC) present in the environment and mitigates the growth of bacteria, yeast and mold.

Incorporated is also a negative ionizer produces negative ions and causes a further reduction of fine dust and allergens, too small to be retained in the filter.



Hospital



Lab



Food processing plant

Benefits:

-Effective in the prevention of Tuberculosis, MRSA, H1N1 and other airborne cross contamination.

- Eliminates 99.9% of bacteria, yeast, mold and fungus problems found in hospitals, schools, food manufacturing plants and offices.
- Recommended by medical experts.
- Kills harmful bacteria in closed premises.
- Reduces asthmatic effects.
- Eliminates odours and neutralizes the air.

Applications and locations where to implement :

- Treatment of air in waste management facilities.
- Removal of "bad air" in factories and adjacent offices.- Food storage facilities (cheese, wine, vegetable, fruit, meat, etc..).
- Clinical environments such as clinics, hospitals, operating rooms, dental surgery, schools, holding facilities.
- Laboratoria and testing facilities that require a clinically clean environment.
- Food processing plantations.
- Decontamination of storage facilities.

Contact details



www.somamedicalnews.com

www.uvgi.asia

www.somamedical.net