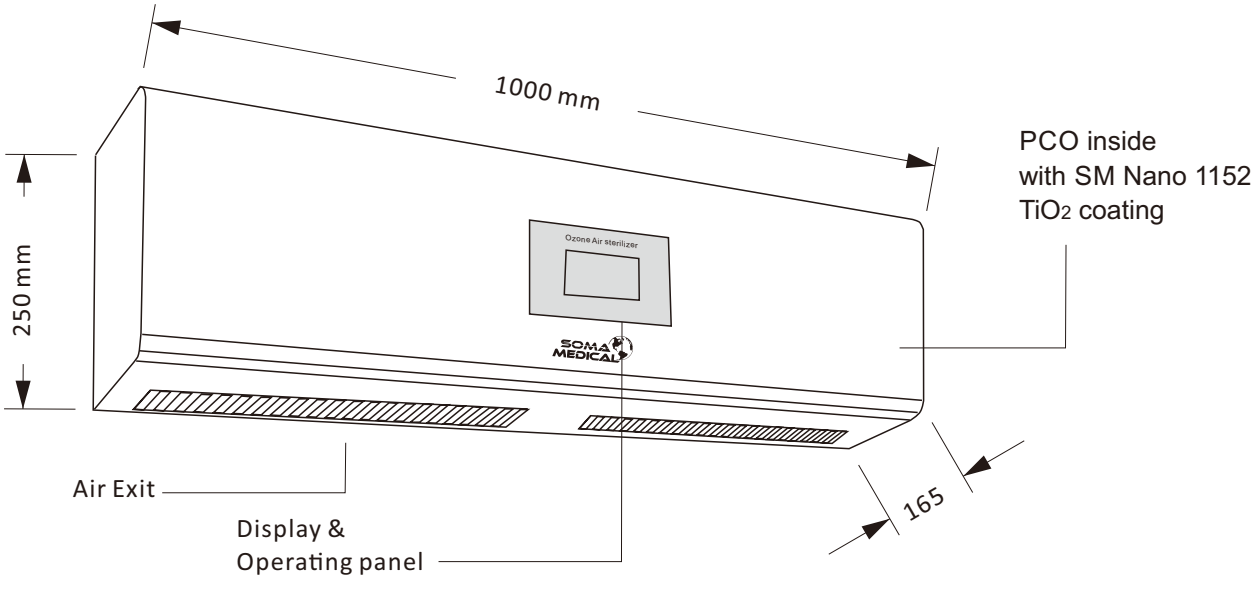
UVGI Optimax 40C - AIR STERILIZER

Model: UVGI Optimax 40C
Lightwave: UV-C primarily in the 222nm wavelength
UV intensity: 80,000 µw/cm²
Bulb lifespan: 8,000 operational hours
Ballast lifespan: 20,000 operational hours
Power of bulb: 25 watts * 2 pieces
Air flow rate: 28 CFM * 2
Ozone output: 500mg/hr
Negative ion: 6.5 million ions/cc
PCO plates coated with SM Nano 1152 TiO2
Power of unit: 105 watts
Voltage: AC220-230V, 50Hz
Efficient area: 100-250 square meters

Product dimension: 165x250x1000mm
Net weight: 10.8kgs

Packing information:
1 pc/inner carton: 1060x280x320mm

Structural Representation and Schematic Diagram



The best way to mitigate against airborne viruses, yeast, fungi, bacteria and mold

UVGI Optimax 40C

CE

What UVGI / UVC technology can do:

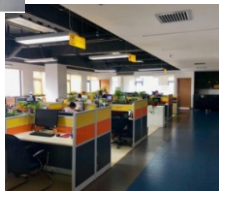
Scientific evidence confirms that Clostridium difficile, MRSA, VRE, Acinetobacter baumannii, and influenza are transmitted via environmental surfaces.
Studies indicate that only 50% of environmental surfaces in a typical operating room suite or patient room care in hospitals are effectively disinfected.
Hence a patient's risk of contracting a Hospital Acquired Infection (HAI) from contaminated surfaces increases when the previous room occupant was infected.

- Mobile ultraviolet light (UV-C) unit significantly reduces aerobic colony counts and C. difficile spores on contaminated surfaces in hospitals.
- System for clinical & domestic applications to perform a proper air and surface sterilization against microbial contamination.
- Effective in the eradication of dust mites and bed bugs when used periodically.
- Prevention against indoor air contamination such as bacteria, mold, yeast and fungi.
- Decontamination of patient rooms, hotel rooms, meeting rooms etc... using an automated mobile UVC Light Unit.

- Short wavelength sterilization method to break down microorganisms in food and water.
- Variety of applications, such as food, air and water purification.
- UV radiation destroying nucleic acids in organisms to destroy their DNA.
- Deadly effect on micro-organisms, pathogens, viruses and molds.
- Sterilize drinking- and wastewater.
- Air sanitization and purification.

Reception area

X Ray room



Office

CT room

Food processing plant

Class room

Benefits:

-Effective in the mitigation against virus ie COVID-19, Tuberculosis, MRSA, H1N1 and other airborne cross contamination.
- Eliminates 99.9% of virus, bacteria, yeast and mold problems found in hospitals, schools, food processing plants and offices.
- Recommended by medical experts.
- Eliminates odours and neutralizes the air.

Applications and locations where to implement :

- Clinical environments such as clinics, hospitals, dental surgery, schools, holding facilities, hospital reception area, wards, minor OT, X ray room, CT scan room, dialysis center.
- Food processing plant and food storage facilities (cheese, wine, vegetable, fruit, meat, etc..).
- Office, open office concept, bank, beauty saloon,
- Laboratories, testing facilities and diagnostic screening centre that require a clinically clean environment.
- Colleges, kitchen, hall, class room, eating centre.

Contact details