



UV-FLOOR

GERMICIDAL UVC LED FLOOR DISINFECTOR WITH DUST ABSORBER

NO MORE HANDLING OF HAZARDOUS CHEMICALS IS REQUIRED TO STERILIZATION

CORONA KILLER

KILL

99.999%

Automatic Surface Sensing Switch

2 sec UVC LED Sterilization

Dust Absorber

Highly Safe

Portable

UVC BASED COVID-19 SANITIZER

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WHY UV-FLOOR?

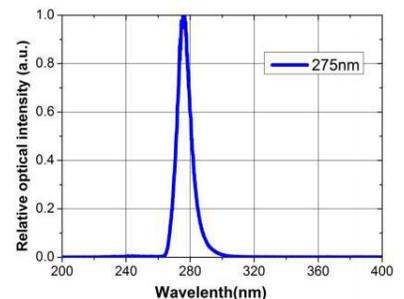
IT offer high quality handheld UVC FLOOR sterilizer UV-FLOOR. The simple-to-understand effect of gravity alone will always place the floor of any healthcare property at risk of collecting harmful micro-organisms. General cleaning and vacuuming of floor surfaces may not be enough to eradicate these harmful microbes, especially with frequent foot-traffic constantly adding to the problem by continually introducing bacteria, viruses and mold from the outdoors. Studies proved that up to nine different species of bacteria were brought into healthcare facilities by the visiting public on the soles of their shoes and that bacteria living on our shoes live much longer and 90-95% of microbes are transferred to tile floors from shoes.

While disinfectant chemicals such as bleach and peroxide will disinfect floors, they may also be harmful additions to the problem. UVC energy, emitted by Clean Air's UV-FLOOR, perform an essential function in the sanitization and disinfection of microbial dangers contained on the floor surface.

EFFICIENT STERILIZATION: ultraviolet rays can kill bacteria, viruses, allergens, molds more effectively. Ultraviolet radiation can remove odors and can remove 99.999% of bacteria such as fungi, dust mites, viruses, etc.

FEATURES:

- Peak Wavelength: 270 to 280nm
- Powered by germicidal UVC LED, it sanitizes every the Floor in just 2 seconds.
- Provided with sensor - auto off if turned towards body
- Power Rating 20W/ 40W
- In-Built dust absorber (Optional)



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MODEL	UV DOSE REQUIRED	UV-FLOOR-40	UV-FLOOR-80
	$\mu\text{W}/\text{cm}^2$	99.999% Kill Time (Seconds)	99.999% Kill Time (Seconds)
BACTERIA			
Staphylococcus Aureus (MRSA)	6600	0.05	0.10
Legionella Pneumophilia	12300	0.10	0.19
Escherichia Coli	6600	0.05	0.10
Salmonella Enteritidis	7600	0.06	0.12
Mycobacterium Tuberculosis	10000	0.08	0.16
Clostridium Difficile (C-Diff)	24000	0.19	0.38
Pseudomonas Aeruginosa	5500	0.05	0.10
VIRUSES			
Influenza	6600	0.05	0.10
Infectious Hepatitis	8000	0.06	0.13
Bacteriophage	6600	0.05	0.10
Rotavirus / Norovirus	24000	0.19	0.38
MOLD			
Aspergillus Flavus	99000	0.79	1.55

UVC energy supplied by the **100020** contained within our Floor Sanitising System has the ability to prevent biological growth. UVC is capable of breaking molecular bonds, which disrupts the cellular growth of any target organism. UVC alters the DNA of the organism, preventing reproduction and multiplication.

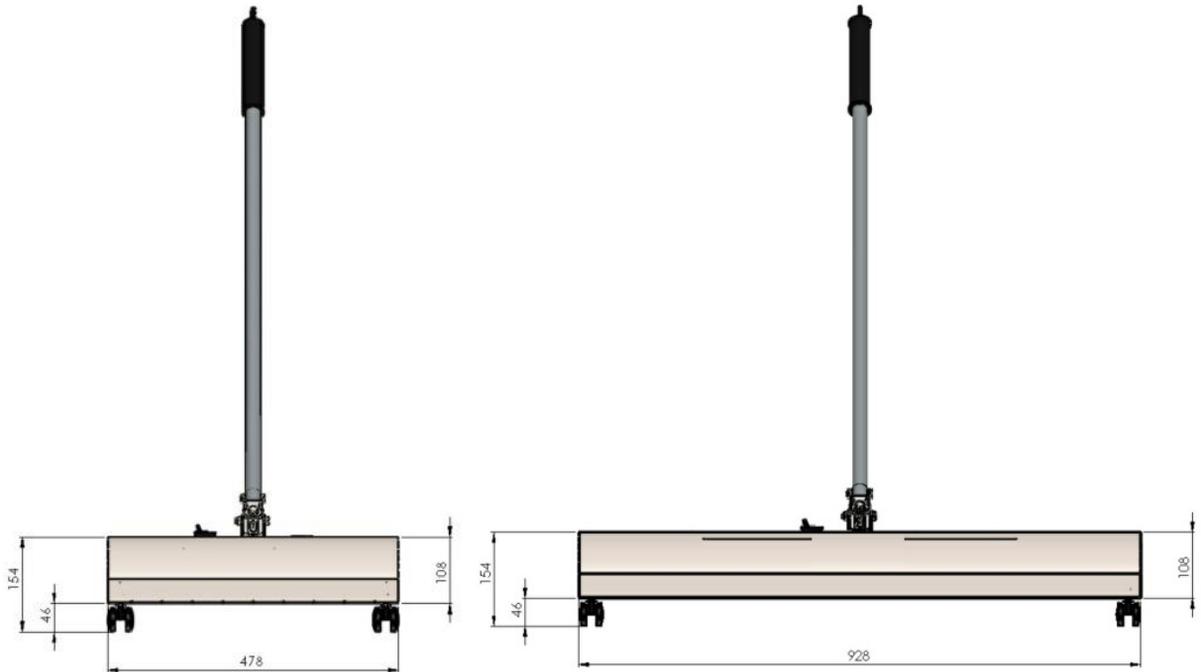
The key to UVGI is to apply a chronic dose of Ultraviolet energy that kills 99.999% of the target organism. The UVC output of our UV-FLOOR Floor Sanitisation Systems has been enhanced by the inclusion of special reflective materials engineered into the design, which magnify the UVC energy levels and reduce the time required to provide the fatal dose of UVC to the contaminated floor surface.

The table on the left relates specifically to the two Floor Sanitiser Systems, UV-FLOOR-40 and UV-FLOOR-80. For example; using the UV-FLOOR-80, the kill rate for MRSA is only 0.06 seconds. This means that system operatives can push the system at standard walking speed to guarantee effective pathogen control.

FEATURES	UV-FLOOR-40W	UV-FLOOR-80W
EFFECTIVE OPERATION WIDTH	450mm	900mm
TOTAL WEIGHT	7.5kg	11.5kg
UVC POWER OUTPUT	3,100 $\mu\text{W-s}/\text{cm}^2$	6,200 $\mu\text{W-s}/\text{cm}^2$
VOLTAGE	90 to 270VAC 50 to 60 Hz	90 to 270VAC 50 to 60 Hz
POWER RATING	40W	80W
CONSTRUCTION	SS 304	SS 304
LIFE OF UVC LED	40000hr	40000hr

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CAUTION:

DO NOT USE this fixture with a dimming circuit; however, it can be used with a switched outlet. Per the National Electric Code (NEC), switched wall outlets cannot be used with wall dimmers.

LOWER MAINTENANCE COSTS: 40,000 hours rated life time, lasts up to 36 years (3 hours per day).



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