



N2G SAFESIDE



STERILUMEN UT-225

STERILUMEN UT-225 uses a powerful fan to pull in the air and channel it to a series of chambers that contain the high radiation UVC bulbs.

The air remains in the chambers long enough for the viruses and other micro-organisms to be neutralized. The clean air is redistributed into the room free of any infectious organisms.

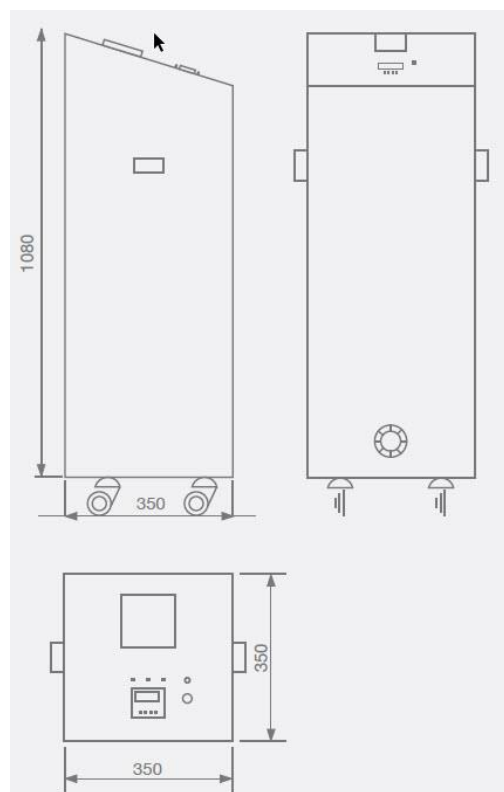
The effectiveness of the STERILUMEN UT-225 is a combination of the high radiation UVC light, the small space in the chambers and the time that any microorganism stays in the chambers. UVC radiation loses its efficiency geometrically with distance. The small chambers assure us that the microorganisms will pass adjacent to the UVC light and receive enough radiation.

Moreover, the geometry of the device is such to cause the infected air to be exposed to the UVC radiation long enough to achieve the neutralization of the microorganisms and viruses.

Characteristics

TYPE	UT-72	1st Speed	2st Speed	3st Speed	4st Speed	5st Speed
Power	330W					
UV lamp power	225W					
Average UVC dose		110.5 mJ/cm ²	61.8 mJ/cm ²	41.6 mJ/cm ²	24.7 mJ/cm ²	16.5 mJ/cm ²
Air volume flow		45 m ³ /h	80 m ³ /h	120 m ³ /h	200 m ³ /h	300 m ³ /h
Max noise level	Content	38.2 dB(A)	40.2 dB(A)	41.5 dB(A)	48.0 dB(A)	54.0 dB(A)
Dimensions - Outer case	350x350x1080					
Accessories	Stainless steel 316, HEPA filler Carbon filler, Castor wheels, Time programmer Wall mounting bracket					

Dimensions



Sample Pathogenic Organism

SAMPLE PATHOGENIC ORGANISM	UVC DOSIS FÜR 99.9% TÖTE (MJ/CM2)
BACTERIA	
Bacillus anthracis (Anthrax)	8.7
Scherichia coli	5.5
Mycobacterium tuberculosis	10.0
Proteus vulgaris	6.6
Psuedomonas aeruginosa	10.5
Salmonella typhosa (Typhoid Fever)	5.0
Shigella dyseteriae	6.4
Staphylococcus aureus (e.g. MRSA)	6.6
Vibrio comma (Cholera)	6.5

Viruses

VIRUSES	
Ebola	6.0
Hepatitis	8.0
Norovirus Family	22.0
Influenza	6.6
SARS Coronavirus CoV-P9	16.0
Murine Coronavirus	26.0
Calicivirus Feline	30.0
Coxsackie A	27
Coxsackie B	12



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