

UV SANI 55 WALL / FLOOR



UV SANI 55 WALL / FLOOR fixture:

No other air purification is more effective at neutralizing micro-organisms than ultraviolet light radiation. Ultraviolet light possesses just the right amount of energy to break organic molecular bonds. As micro-organisms pass by the UV rays radiated from the ultraviolet lamp, this bond breakage translates into cellular or genetic damage for micro-organisms, such as germs, viruses, bacteria, fungi (like molds), etc. The **UV SANI 55 WALL / FLOOR fixture**: continues the proud heritage of NORDLAND LIGHTING's quality standards.



NORDLAND LIGHTING®

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Below is a list of radiation doses required for 90% inactivation of various micro organisms:

Bacteria:	($\mu\text{W}/\text{cm}^2$)
Staphylococcus species:	1,800-2,600
Streptococcus species:	2,000-6,100
Shigella paradysenteriae:	1,680
Spirillum rubrum:	4,400
Pseudomonas species:	3,500-5,500
Escherichia Coli:	3,000
Mycobacterium Tuberculosis:	10

Yeasts:	
Saccharomyces Cerevisae:	33-100

Mould Spores:
Aspergillus Niger: 132,000
All Sani units incorporate Photo-catalalytic materials that enhance their efficacy.
All Sani units are built to WHO Safety Standards & UK Health & Safety Standards for UV sanitation.
Infruitec & Mycological Quality Control Consultancy have proven the efficiency of the unit against both **Aspergillus Niger** and **Botrytis Cinerarea** spores.
(Test results available on request).
Please note that UV Equip reserves the right to alter, amend or change all units without prior notice.

BROAD APPLICATIONS

- Medical Suites, Clinics & Hospitals
- Chicken Sheds
- Container Decontamination
- Post Harvest Storage
- Fruit and Vegetables
- Meat Cold Storage
- Cheese, Wine and Meat Maturing Rooms



Model	UV SANI 55 WALL / FLOOR
Input	220V
Ampere	0.2A
Frequency	50Hz
Maximum area	up to 60m ²
Airflow (nominal figure)	100m ³ /hr.
Dimensions	810mm x 165mm x 60mm
Enclosure	Aluminium, powder coated
Weight	3.0kg
Source	UVC, 254nm, germicidal
Design Radiation Dose	3000 $\mu\text{W}/\text{cm}^2$ (effective against micro organisms up to Fungal Spore level)

Nordland reserves the right to change any specification or design without prior notice.