

Sani UV-C Ceiling Disc

Technical Details

• Model	Sani Disc
• Input	220V
• Ampere	0.3A
• Frequency	50Hz
• Maximum floor area	36m ² at 3m high
• Minimum volume	16m ³
• Airflow (nominal figure)	140m ³ per hour
• Dimensions	150mm x 600mm
• Enclosure	Steel/Alloy powder coated
• Weight	2.2kg
• Source	UV-C 253.7nm germicidal
• Safety level	< 0.4μW/cm ² at occupant as per international guidelines



For areas with a floor area less than 16m², a Sani 55 unit is recommended.

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

Bacteria	(μW/cm ²)
Staphylococcus species	1800 – 2600
Streptococcus species	2000 – 6100
Shigella paradysenteriae	1680
Spirillum rubram	4400
Pseudomonas species	3500 – 5500
Escherichia coli	3000
Mycobacterium tuberculosis	10

Yeasts

Saccharomyces cerevisiae	33 – 100
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Mould Spores

Aspergillus Niger	132000
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Test results on file, available upon request.



Applications

- TB Isolation Wards
- Intensive Care Units
- Microbiological Labs
- Medical Suites
- Post - Harvest Storage
- Cheese, Meat & Wine Storage

The Sani Disc Unit emits a UV-C intensity of approximately 10μW/cm² at a distance of 1,3m from the unit in a blanket of concentric circles (as per South African and International guidelines). All Sani units incorporate Photo-catalytic materials that enhance their efficiency.