OZONE

PURIFICATION TECHNOLOGY

SANI UVGI CEILING DISC



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.

Technical Details

Model	Sani Disc
Input	220V
Ampere	0.3A
Frequency	50Hz
Maximum floor area	36m²
Airflow (nominal figure)	140m³ per hour
Dimensions	150mm x 600mm
Enclosure	Steel/Alloy powder coated
Weight	3,5kg
Source	UV-C 253.7nm germicidal
Safety level	< 0.4µW/cm² at occupant as per international guidelines

Tested by

NHLS test report for efficacy.
SABS for electrical compliance
WITS University for efficacy.

CE SABS APPROVED

Reference

Environmental Control for Tuberculosis (website below):
Basic Upper-Room Ultraviolet Germicidal Irradiation Guidelines for Healthcare Settings
(www.cdc.gov/niosh/eNews)

For areas with a floor area less than 9m², a Sani 55 UV-C unit is recommended.

Applications

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

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

Bacteria	(µW/cm²)
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 cerevisae	33 – 100

Mould Spores

Aspergillus Niger	132000

- Test results on file, available upon request.

Please note that we reserve the right to alter, amend or change all units without prior notice.

E&OE

PROD CODE 20

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