

SANI 55 COLD ROOM UNIT



Technical Details

• Model	Sani 55 Cold Room Unit
• Input	220V
• Ampere	0.25A
• Frequency	50Hz
• Maximum Volume	30m ³
• Airflow Treatment	90m ³ per hour
• Dimensions	1120 long x 160 wide x 60 deep
• Enclosure	Stainless Steel/Aluminium Powder Coated
• Weight	Approximately 5kg
• Source	UV-C 254nm germicidal
• Design Radiation Dose	3000µW/cm ² (effective against micro-organisms up to fungal spore level)

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 cerevisiae	33 – 100
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Mould Spores

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

Report

NHLS efficacy report
SABS electrical compliance
WITS University efficacy report



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

E&OE

PROD CODE 9