

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

SANI 55 DOUBLE UNIT

Technical Details

- Model Sani 55 Double
- Input 220V
- Ampere 0.5A
- Frequency 50Hz
- Maximum Volume 120m²
- Airflow (nominal figure) 90m² per hour x 2
- Dimensions 800mm x 160mm x 60mm x 2
- Enclosure Steel/Alloy powder coated
- Weight 2.4kg
- Source UV-C 253.7nm germicidal
- Design Radiation Dose 3000µW/cm² (effective against micro – organisms up to fungal spore level)

Applications

- Medical Suites, clinics & hospitals
- Container decontamination
- Cheese, Meat & Wine Storage
- Post - harvest storage

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 rubrum	4400
• Pseudomonas species	3500 – 5500
• Escherichia coli	3000
• Mycobacterium tuberculosis	10
• MRSA	

Yeasts

- Saccharomyces cerevisiae 33 – 100

Mould Spores

- Aspergillus Niger 132000

Test results on file, available upon request.

Report

NHLS efficacy report

SABS electrical compliance

WITS University efficacy report



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PROD CODE 10

SANI 55 SUPER 16 DUO

Technical Details

- Model Sani 55 Super 16 Duo
- Input 220V
- Amps 0.25A
- Frequency 50Hz
- Maximum Volume 120m³
- Airflow (nominal figure) 90m³/hr. per unit
- Source UV-C 253,7nm germicidal
- Ozone Output 1000mg /hr. generated by UV-C, 185nm, germicidal
- Dimensions 800mm x 160mm x 60mm
- Enclosure Powder coated aluminium
- Weight 2,5kg
- Design Radiation Dose 300μW/cm² (effective against micro-organisms up to fungal spore level)

Applications

- Medical Suites, Clinics & Hospitals
- Chicken Sheds
- Container Decontamination
- Post-Harvest Storage
- Fruit and Vegetables
- Meat Cold Storage
- Cheese, Wine and Meat Maturing Rooms
- Ablution Control Emissions
- Flood restoration
- Bad odours
- Smoking Rooms
- Sewage odour
- Hotel rooms
- Change rooms
- Bars
- Fish Shops

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

Bacteria (μW/cm²)

- 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

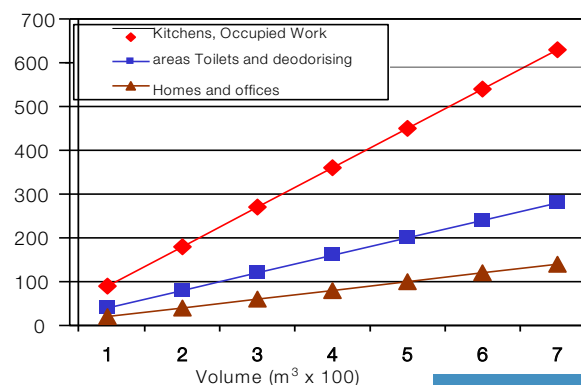
Yeasts

- Saccharomyces Cerevisae 33-100

Mould Spores

- Aspergillus Niger 132,000

(Test results available on request).



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PROD CODE 11

SANI 55 WALL MOUNTED UNIT

Technical Details

• Model	Sani 55
• Input	220V
• Ampere	0.25A
• Frequency	50Hz
• Maximum floor area	16m ²
• Maximum Volume	30m ³
• Airflow (nominal figure)	90m ³ per hour
• Dimensions	800mm x 160mm x 60mm
• Enclosure	Steel/Alloy powder coated
• Weight	Approximately 3kg
• Source	UV-C 253.7nm germicidal
• Design Radiation Dose	3000µW/cm ² (effective against micro – organisms up to fungal spore level)

Applications

- Medical Suites, clinics & hospitals
- Container decontamination
- Cheese, Meat & Wine Storage
- Post - harvest storage

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 cerevisae 33 – 100

Mould Spores

- Aspergillus Niger 132000

Test results on file, available upon request

Report

NHLS efficacy report
SABS electrical compliance
WITS University efficacy report



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PROD CODE 12