

SANI 55 COLD ROOM UNIT



Technical Details

- Model Sani 55 Cold Room Unit
- Input 220V
- Ampere 0.25A
- Frequency 50Hz
- Maximum Volume 30m³
- Airflow Treatment 90m³ 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/cm² (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

Mould Spores

- Aspergillus Niger 132000

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

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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 3000 μ W/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	(μ W/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
• 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

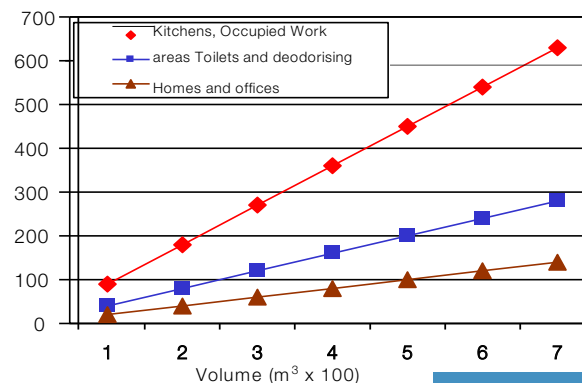
Yeasts

- 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