

SANI HANDHELD SANITISER



Technical Details

- | | |
|---------------------|-------------------------|
| • Model | Sani 95 W UV-C |
| • Input | 220V |
| • Ampere | 0.25 |
| • Frequency | 50Hz |
| • Dimensions(LxWxH) | 60cmx15cmx10cm |
| • Enclosure | Aluminium Powder Coated |
| • Weight | 4 Kg |
| • Light Source | 253.7 nm |

Applications

- Mattresses
- Pillows
- Carpets

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

Bacteria ($\mu\text{W}/\text{cm}^2$)

- | | |
|------------------------------|-------------|
| • 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 |
|---------------------|---------|

All Sani units incorporate Photo-catalytic materials that enhance their efficiency.

All Sani units are built to WHO Safety Standards & UK Health & Safety Standards for UV sanitation.

Trials undertaken by C.S.I.R., Infruitec & Mycological Quality Control Consultancy have proven the efficiency of the unit against both Aspergillus Niger and Botrytis Cinerarea spores. (Test results available on request).



The Impact of Ultraviolet Light on Survival and Behavior of the Human Bed Bug, Cimex lectularius Linnaeus

Research Thesis Presented in Partial Fulfillment of the Requirements for graduation with research distinction in Entomology in the undergraduate colleges of The Ohio State University by Jaime Iten The Ohio State University
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Please note that we reserve the right to alter, amend or change all units without prior notice.