

## SANI UV SUBMERSIBLE



The Submersible Unit emits Ultra Violet that sterilizes water in a water storage tank. The 55 W and 145 W are offered.

### Technical Details

- |                                  |                 |
|----------------------------------|-----------------|
| • Model 55 W                     | 145 W           |
| • Input 220V                     | 220V            |
| • Ampere 0.3A                    | 0.45 A          |
| • Frequency 50Hz                 | 50Hz            |
| • Minimum volume 2000 L per hour | 6000 L per hour |
| • Dimensions 1m                  | 1.5m            |
| • Enclosure Quarts sleeve        |                 |
| • Source UV-C 253.7nm germicidal |                 |

### Applications

- Sanitize water within tanks

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

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

- 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 cerevisiae 33 – 100

### Ecoli

### Mould Spores

- Aspergillus Niger 132000