

GERMICIDAL TANK LAMP

Air and Water Sterilisation for Storage Tanks

- ✔ Eradicates pathogens, bacteria, moulds and yeasts
- ✔ Prevents infestations from insects and pests such as mosquitos
- ✔ Prevents foul smelling water by destroying bacterial growth
- ✔ Sterilises the both air and water inside the tank
- ✔ No chemicals, no residue
- ✔ **Approved by the International Electrotechnical Commission (IEC)**

EFFECTIVE UP TO
**5000 LITRE
TANK**

UV-C light is germicidal and operates most efficiently at a wavelength of 250 – 260 nanometers. It has a photolytic effect whereby the radiation destroys or inactivates the microorganism so that it can no longer multiply. Unlike other techniques, UV-C photolysis rarely produces potentially dangerous by-products. Disinfecting water with UV technology does not change the chemical properties of the water and also eliminates the chance of overdosing.

Water analysis from an independant SANAS accredited testing laboratory show a 99.8% reduction in total coliforms using the Germicidal Treatment System.

Easy to install • Low cost operation • Low maintenance
Once installed, units only need periodic cleaning and lamp replacement



IEC 60335-2-109

Part-1: Safety of household and similar electrical appliances
Part-2-109: Particular requirements for UV radiation water treatment appliances



* **NOTE:** Water tank not included - for graphic representation purposes only (to show installation).



DOMESTIC

Harvested Rain Water
Processed Borehole Water

AGRICULTURE

Irrigation Water
Liquid Fertiliser Storage

INDUSTRIAL

Harvested Rain Water
Processed Effluent Storage

COMMERCIAL

Harvested Rain Water
Processed Borehole Water



RELIABLE & SAFE FOR WATER STORAGE



Warning: Germicidal Lamps Emit UV-C Radiation Harmful to Skin & Eyes
Ensure power is OFF during installation
Or before inspecting tank inside

SPECIFICATIONS

Operating Voltage/Frequency	220V - 240V
Lamp Wattage	80W
Lamp Life	12 000 hours
Lamp Wave Length	250-260 nanometer
Treatment Radius	2 m

Water Temperature	5°C - 45°C
Submerged Depth	1m (lowest point)
Tank Diameter	< 2m
Tank Height	1m (min) to 2m (max)
Tank Capacity	5 000 litres (max)

Warning: Depending on the source of the water, treated water may not be fit for human or animal consumption since there may still be dissolved solids present in the water.

MANUFACTURED BY **ozonetek**
sterilisation the chemical-free way

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