



storage tank effluent complete water treatment system.

This system has been designed to eliminate all bacteria, e coli and other nasty's that might be in your water.

Our system will treat your storage water to a quality that meets the spec of SANS 241 for irrigation and pool water use.

The system is **simple**, requires **low maintenance** and is **cost effective**.

**Clean water from your tank
that can be used for your
pool , fish ponds , garden
and is clean enough for
your kids to drink!**

How it works

- The water is pumped from the tank outlet through a Chlorine dosing system. The water is then oxidized by aerating it as it comes back in the tank. This kills all the bacteria and brings the alkalinity back into spec so that it meets the pool water standard.
- When you open the tap to use the water, it is passed through a 3 Stage filter system. Each stage does a specific job:

1st Stage: 10 Micron Sediment Filter which catches all suspended solids and precipitated ions and metals in the water.

2nd Stage: 10 Micron Granular Activated Carbon Filter which removes all organics, 99% of the chlorine, improves taste and colour of the water.

3rd Stage: 5 Micron Activated Carbon Block which will remove additional chlorine and at the same time block any small particles that have got through the first 3 stages.

4th Stage: UV light, this will be your final protection against all bacteria and e coli in the water and will wipe out these bugs with the UV rays making your water safe for pool us.

Advantages:

- Safe and clean water
- Cost effective
- Low Maintenance
- Works with existing pumps so no need to buy additional pumps

System Components and Maintenance:

- Inline Chlorine feeder – Replacement cartridges are dependent on water quality, use and pressure but an average of 60 000Litres of water can be worked on before replacing the chlorine cartridge
- Aerator – Requires no maintenance
- 3 stage inline filter system – Filters need to be changed every 3 – 6 months depending on water quality.
- UV lights should be replaced every 12 months depending on usage.

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