

As tap water or town water contains limescale, chemicals, and other contaminants, a Water Filtration System is required to meet the water quality standards required to supply the Autoclave Sterilizers and other Medical Steam Sterilizers.



**For Dental Clinics and Hospitals looking for a Water Treatment Solution for their Autoclave Sterilization Equipment.**

**5 YEARS WARRANTY**



Components are Laboratory Tested and Certified for Material Safety.

**MAINTENANCE**  
Replacement frequency also depends on water quality and usage. Filters should also be changed when rated capacity is reached, or when flow becomes too slow.

**6 FILTRATION STAGES**

**1st Stage: Sediment Filter.** 100% Polypropylene Triple Gradient Sediment Filter. Captures sand, dirt, rust, algae, silt, mud and particles greater than 1 micron. Tested and Certified by NSF International under NSF/ANSI Standard 42 for material requirements only. **(Replace every 12 months)\***

**2nd & 3rd Stage: Drop In and Inline Carbon Filter.** Coconut Shell Activated Carbon Media. Removes Chlorine Taste and Odour, and VOCs. Protects the membrane from Chlorine and Ammonia which can damage the membrane. Removes THMs, TCEs, Pesticides, Disinfectants and other Organic Pollutants. Tested and Certified by NSF International under NSF/ANSI Standard 42 for material requirements only. **(Replace every 12 months)\***

**4th Stage: Reverse Osmosis Membrane.** USA Made Dupont Filmtec Reverse Osmosis Ultrafine Membrane. Removes ions, heavy metals, endotoxins, microcystins. The pore size is less than 0.0005 micron (human hair is 70 microns). Certified by NSF International against NSF/ANSI Standard 58 for material requirements only for safe use in drinking water applications. **(Replace every 2 years)\***

**5th & 6th Stage: Drop In and Inline DI Resin Filter.** For TDS reduction. Lowers Conductivity. De-ionizing resin to reduce the amount of dissolved salts and minerals in your water. **(Replace every 12 months)\***

Assembled with Components Made in USA, UK and Taiwan.

**Zero TDS Reverse Osmosis Water Filtration System**

**For Autoclave Sterilization Equipment**

**REDUCTION CLAIM**

Particles (Sediments, Sand, Silt & Dirt)	✓
Free Chlorine, Combined Chlorine & Chloramines	✓
Pesticides & Herbicides	✓
Volatile Organic Compounds (VOCs) & THMs	✓
Taste, Odours & Colour	✓
Heavy Metals (Copper, Arsenic, Mercury, Lead...)	✓
Parasites	✓
Fluorides	✓
Nitrates, Antibiotics, Endotoxins, Microcystins	✓
BPA & PFAs	✓
Silica & Hardness (Calcium & Magnesium)	✓

The tank fills up with water coming from the membrane at a flow rate of 16 L/h. This tank allows you to have up to 150 litres of water instantly\* dependant on tank capacity.

**System includes a 18 Litre Reverse Osmosis Tank, which holds 12 Litres.  
18 L Tank Dimensions: 279 D x 368 H mm**



**If a bigger tank capacity is required, you can upgrade your 18 L Tank to a 60 L Tank.  
60 L Tank Dimensions: 389 D x 626 H mm**

**Never install or operate where the inlet water pressure may exceed 120 psi (827kPa).**

**If your water pressure is under 35 psi, you may be required to fit a booster pump for optimum performance of the system.**

**Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.**

**SPECIFICATIONS**

Dimensions: 480 H x 360 W x 200 D mm
Min. Operating Pressure: 35 - 80 psi
Min. Operating Temperature: 0.6 °C - 38 °C
Connects To: Cold Water Line
Membrane Flow Rate: 16 L/h
System Outflow Rate: 3 L/Min - Out of the Tank

**WARNING**  
Failure to follow specifications and maintenance procedure may result in water leakage and will void warranty.

**CAUTION**  
- System is for cold water use only. Install on COLD water lines only.  
- Protect from freezing. Remove filter if temperature drop below 1°C.