

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.



Zero TDS Reverse Osmosis Water Filtration System

For Autoclave Sterilization Equipment

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.

\$250

INSTALLATION

If drilling through stone is required, an extra \$50 will be charged for the diamond drill bit and insurance fee.

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 6-12 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 6-12 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 6-12 months)***

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

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

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.

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)	✓

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

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.

If a bigger tank capacity is required, you can upgrade your 18 L Tank to a 60 L Tank for only \$199.

60 L Tank Dimensions: 389 D x 626 H mm



Assembled with Components Made in USA, UK and Taiwan.