



## W2W Autoclave 4-Stage Reverse Osmosis System

Water2water's Autoclave 4-Stage Reverse Osmosis System is popular with dentists, laboratories, hospitals, vets and medical centres to provide pure deionised water for use with autoclave sterilising equipment.

Delivers ZERO Total Dissolved Solids (TDS).

### W2W Autoclave 4-Stage Reverse Osmosis Systems

Our high performance W2W Autoclave 4-Stage Reverse Osmosis System can connect directly to autoclave sterilising machines for ultimate hygiene and maintenance of expensive sterilising equipment.

- › Removes up to 100% of the impurities, contaminants and chemicals like PFAS, found in Australia's "hard" water
- › W2W Autoclave RO system is mains fed and can be connected directly to your autoclave for a constant supply of purified water
- › Separate line can be added to deliver RO-filtered water to a faucet for drinking water and pre-rinsing of equipment
- › Easily combined with additional filters, under sink water chillers and coolers for fresh, healthy drinking water
- › Unlimited supply of de-ionised water on tap to maintain productivity
- › Softer, cleaner de-mineralised water protects and prolongs the lifespan of expensive autoclave and steam cleaning tools
- › Energy-efficient and environmentally friendly – no more bottled distilled water or power-consuming deionising equipment
- › Available to rent (WA only) and buy
- › Worry-free servicing and maintenance plans available in WA, including regular filter replacement

### About the W2W Autoclave 4-Stage Reverse Osmosis System

Autoclave systems work by pressurising and heating water to at least 250 degrees to create steam to sterilise equipment and complete some manufacturing processes.

Reverse Osmosis (RO) works by forcing pressurised water through a thin, semi-permeable membrane which removes ions, calcium, chemicals (including PFAS and other "forever chemicals"), and contaminants to create purified water.

Using purified RO water with an autoclave and steam steriliser provides medically approved standards of cleaning and disinfection.

De-mineralised RO water will also protect the internal components of expensive autoclave equipment from limescale and possible water contamination.

Water2water can customise W2W Autoclave 4-Stage RO Systems for your specific industry and individual needs.

Our comprehensive servicing and preventative maintenance plans (only available in WA), provide complete peace of mind.

Call our friendly team on **1300 880 303** to find out more.

## W2W Autoclave RO Filtration Process

### 1ST STAGE - SEDIMENT FILTER

This initial stage removes impurities such as silt, rust, sand, algae sediment, scale particles and dirt.

### 2ND STAGE - CARBON BLOCK

The second stage of the process removes herbicides, pesticides chlorine and chlorine by-products, which in turn helps protect the membrane.

### 3RD STAGE – REVERSE OSMOSIS MEMBRANE

Our 50 GPD 100 GPD or 200 GPD membrane will remove up to 99% of impurities including organic and inorganic chemicals.

### 4TH STAGE – FINAL STAGE

The special deionising cartridge removes any remaining impurities from the water.

#### Contaminants removed by W2W's 4-Stage Autoclave RO System

Organic	Up To	Inorganic	Up To
Atrazine	99%	Aluminium	99%
Aldrin	99%	Arsenic	99%
Benzene	99%	Asbestos	99%
Chlorine	99%	Barium	99%
Chloroform	99%	Calcium	99%
DDT	99%	Chloride	99%
Dichloromethane	99%	Chromium VI	99%
Endrin	99%	Copper	99%
Fluoranthene	99%	Fluoride	99%
Herbicides	99%	Iron	99%
Lindane	99%	Lead	99%
Methoxychlor	99%	Magnesium	99%
PCB & PFAS	99%	Manganese	99%
Pesticides	99%	Mercury II	99%
Perchloroethylene	99%	Nitrate	99%
Phenol	99%	Potassium	99%
Tannic Acids	99%	Selenium IV	99%
Toxaphene	99%	Silver	99%
Trichloroethylene	99%	Sodium	99%
Trihalomethanes	99%	Strontium	99%
V.O.C's	99%	Sulphate	99%
		Total Dissolved Solids (TDS)	99%
		Zinc	99%

### Who is W2W's Autoclave RO System designed for?

Medical, pharmaceutical, agricultural, dental, veterinary, food manufacturing and hospital clients use Water2water's Autoclave 4-Stage RO systems for sterilising equipment.

### Can you drink the water produced by the W2W Autoclave RO?

Yes, and we can modify your RO system and install a faucet on a sink. Incorporating a mineraliser filter with an RO system will replace healthy minerals. Combine the RO system with an under sink water chiller and /or a freestanding chilled water dispenser for great-tasting water on tap.

### Maintenance and servicing a reverse osmosis system

Regular filter replacement will preserve the quality of filtered water and protect the RO system.

### Clients in Western Australia

Our comprehensive maintenance programme means our skilled technicians visit at regularly scheduled intervals to change filters, and clean, and sanitize the system.

Alternatively, we can provide a Do-It-Yourself (DIY) filter and maintenance kit.

**Call our friendly team of water filtration experts on 1300 880 303 to discuss the right system for your business.**

We provide a 2-year warranty on W2W filter housings installed by Water2water.