



"4 STAGE REVERSE OSMOSIS"

RO water purification systems will reduce and eliminate TDS (total dissolved solids) like salts and minerals from our drinking water. However, contrary to common beliefs, less than 1% of the organic minerals are actually found in most raw water supplies. With the increase of pollutants, our water supply contains mostly inorganic minerals. Inorganic minerals consist of calcium, iron, magnesium, carbonate and lime compounds, which are not compatible with our bodies. The body's cells reject these minerals leaving dissolved inorganic substances (acid crystals – mineral deposits) throughout the body. This accumulation of debris creates more work and trouble for the body, such as arthritis in joints, gallstones, kidney stones and mineral deposits in artery walls. Organic minerals that are considered soluble, which means the body absorbs sustenance into the cells, are found in our live foods such as fruits & vegetables. One glass of freshly squeezed orange juice would be higher in minerals than 30 gallons of untreated raw water. Purified water provides a necessary rinsing treatment for hydration purposes as our body is mostly fluid (over 80% water) and equally important is to rinse impurities out of our body. Drinking purified water both prevents inorganic minerals from entering our bodies and removes inorganic mineral deposits already there.



Stage 1

Removes suspended matter such as silt, Rust, sand, algae, Sediment, scale Particles, dirt and Cloudiness from water

Stage 2

Removes herbicides, pesticides, chlorine, chlorine bi-products and organic chemicals to protect membrane

Stage 3

Stage 4

50 GPD. Removes 98% of impurities including organic and inorganic chemicals.

Polishes the water and removes any taste or odour the water may have picked up while sitting in the tank.

Note: System only to be used on biologically safe water supply.

Filter cartridges should be changed every 12 months under domestic conditions or every 6 months for commercial purposes.

Inorganic		Organic	
Aluminium	98%	Adrazin	Over 98%
Arsenic	98%	Aldrin	Over 98%
Asbestos	99%	Benzene	Over 98%
Barium	95%	Chlorine	Over 98%
Cadmium	95%	Chloroform	Over 98%
Calcium	98%	DOT	Over 98%
Chloride	95%	Dichlormethane	Over 98%
Chromium VI	98%	Endrin	Over 98%
Copper	98%	Fluoranthene	Over 98%
Fluoride	95%	Herbicides	Over 98%
Iron	98%	Lindane	Over 98%
Lead	98%	Methoxychlor	Over 98%
Magnesium	98%	PCB	Over 98%
Manganese	98%	Pesticides	Over 98%
Mercury II	85%	Perchlorethylene	Over 98%
Nitrate	90%	Phenole	Over 98%
Potassium	95%	Tannic Acids	Over 98%
Selenium IV	95%	Toxaphene	Over 98%
Silver	98%	Trichlorethlene	Over 98%
Sodium	95%	Trihalomethanes	Over 98%
Strontium	98%	V.O.C.'s	Over 98%
Sulphate	98%		
Total Dissolved Solids	95%		

Zinc	98%		
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Production rate: 50 GPD under the following conditions:

- 100psi
- Water temperature 21 °C
- 500 PPM TDS
- Nominal rejection rate 96%
- TFC Membrane.

Technical data:

- Maximum temperature 40°C
- Maximum pressure 700kpa

1 Year Limited Warranty

The complete system is under a 1 year warranty, excluding disposable filter cartridges and reverse osmosis membrane.

Manufacturer's warranty applies to filter cartridges and membrane.

System must be maintained with original suppliers approved replacement filters.

The warranty is void if product damage results from; freezing, neglect, or is not installed in accordance with the installation plan.

The supplying company will not be liable for any incidental or consequential damages caused by a failure of this product.

Proof of purchase must be produced for warranty claims.

Replacement Cartridges and spares available through:



Filter Systems Australia
High Performance Filtration