

UNDERSINK 4 STAGE R.O SYSTEM

FEATURES AND BENEFITS

- Double the recovery over standard reverse osmosis elements
- Rejection performance comparable to standard reverse osmosis elements
- High rejection stability at high TDS
- Simple Installation and Easy to Use
- Drinking Water and Ice Cubes
- Tea & Coffee
- Plants and Flowers
- Aquariums
- Steam Irons
- Low Sodium Diet

The W4SPGRO Series Undersink 4 Stage Reverse Osmosis System is designed for improving the quality and taste of potable water. The system uses the following four (4) stages of purification.

Stage One: Sediment Cartridge for sediment particle reduction.

Stage Two: Carbon Cartridge for chlorine, taste, odour, organics & some VOC reduction.

Stage Three: Pentair's NEW High Recovery GRO Series Reverse Osmosis Membrane for reduction of minerals, salinity, heavy metals, fluoride, nitrate, cysts, E.coli & viruses.

Stage Four: Disposable Carbon cartridge for final filtration after the Storage Tank.



*Cartridge supplied but not shown

GENERAL SPECIFICATIONS

Connection	½" BSP (Female)		
Dimensions (4 Stage R.O)	Height: 420mm (16½")	Width: 380mm (15")	Depth: 135mm (5¼")
Dimensions (Storage Tank)	Height: 355mm (14")	Width: 225mm (9")	Depth: 225mm (9")
Temperature Ranges	4°C - 49°C (40°F - 120°F)		
Permeate Capacity	190 LPD (50 GPD/US.)		
Operating Pressure (Minimum)	276 kPa (40 psi)		
Operating Pressure (Maximum)	860 kPa (125 psi)		
Permeate Capacity	@ 50% Recovery with up to 96% rejection Based on 500mg/L TDS, 25°C (77°F) at 450kPa (65psi) (Capacity will vary depending on raw water Quality and Temperature.)		

RAW WATER FEED SHOULD NOT EXCEED

TDS	2000mg/L
Hardness	<170mg/L
Iron	< 0.1mg/L
Manganese	<0.05mg/L
Hydrogen Sulfide	Nil
pH	3 - 11
Water Temperature	4°C - 38°C (40°F - 100°F)

NOTE:

Recommended cartridge change is 6-9 months from date of installation, or earlier if required or at a maximum increased pressure differential of 69 kPa (10psi), whichever occurs first.

Warning:

For drinking water applications, do not use water that is microbiologically unsafe or of unknown quality without adequate disinfection.

MODEL NUMBER	FLOW
W4SPGROUS50	190 LPD (50 GPD/US.)
W4SPGROUS75	285 LPD (75 GPD/US.)