

Reverse Osmosis Systems

Demineralisation and Reduction of Total Dissolved Solids from water



'L' SERIES

3 MODELS: 7.2M³ to 28.8M³/DAY

FEATURES

- PLC controlled • Waterproof control box • Stainless Steel
- Multistage pump 230V 50/60 Hz TEFC Motor
- Low pressure switch • 5-micron sediment pre-filter
- Concentrate recycle for higher recovery
- Permeate Recycle & Reject flow-meters
- Stainless steel permeate, recycle and pump throttle valves
- On/Off switch • Emergency shut-off switch
- Reject, feed-water, pre-filter and post-filter pressure gauges
- Stainless or fiberglass membrane housings
- High rejection TFC membranes • Conductivity monitor
- Contacts for product & raw water level control
- Treated water tank high-level float switch
- Automatic flush valve • Automatic feed shut-off valve
- Galvanised steel frame with 2-coat epoxy coating

RAW WATER REQUIREMENTS: ≥30 psi inlet pressure • < 5 SDI
• < 0.1 mg/ltr chlorine feed-water • < 1 NTU turbidity



Pre & post treatment options:

pH correction • antiscalant dosing • Auto iron, sediment & carbon filtration • Bag or cartridge filtration • Softening • Ultrafiltration



SPECIFICATIONS

MODEL	L1	L2	L4
Litres per day ¹	7,200	14,400	28,800
Membranes 4" x 40"	1	2	4
Pump Size	1.0kw	1.0kw	1.5kw
Power	230v/50hz	230v/50hz	230v/50hz
WEIGHTS & DIMENSIONS (mm, kgs)			
Depth	670	670	670
Width	580	580	740
Height	1720	1720	1720
Weight	80	88	100

¹Permeate flow rate & salt rejection based on: 2000 ppm NaCl, 225 psig (15.5 bar), 77°F (25°C), & 15% recovery. Lower flow rates & operating pressures are advised

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