

ELGA PROCESS WATER

MiniRO™

Reverse Osmosis Systems

Produce up to 90 litres/hr of high purity water



The ELGA Process Water MiniRO™ Reverse Osmosis systems produce high purity water, removing up to 98% of dissolved inorganics and over 99% of large dissolved organics, colloids and particles.

Flow rates from 10 to 90 l/hr

Features & Benefits

- Low Energy membranes result in lower operating pressures; cost savings
- Optimised flow: size ratio; space saving and efficient
- 5 µm pre filtration included within unit; membrane protection
- Digital user interface; simple operation, monitoring of conductivity and temperature
- Dry run monitor; pump protection
- Treated water diverted at startup; ensures water quality
- Timed recirculation rinse; reduces membrane fouling
- Volt free contact alarm output

Option

- Output to PLC via analogue signal for conductivity monitoring

Applications

- Industrial Process Water
- Boiler Feed
- Micro Electronics
- Laboratory
- Hospitals
- Food and Beverage Industry
- Automotive Industry

Related Services

Our AQUAservice maintenance agreements are designed to allow you to choose from our wide range of capabilities the level of support you require to meet your application, operational and budgetary needs.

System Performance

Model		10-15 EP	10-40 EP	10-80 EP
Nominal Flows at 12°C*				
Permeate	litres/hr	10-20	30-45	60-90
Concentrate	litres/hr	15-25	40-60	80-90
Feed	litres/hr	40	90	170
Nominal Recovery	%	50	50	50
Typical Salt Rejection	%	96-98	96-98	96-98
Pump Motor Size	kW	0.25	0.25	0.25

*Flow rates are dependent on feed water quality, those quoted are typical values based on 1000 mg/l TDS & SDI <3.

System Dimensions & Weights

Model		10-15 EP	10-40 EP	10-80 EP
Height	mm	697	697	697
Depth	mm	380	380	380
Width	mm	450	450	450
Weight	kg	30	32	35

Feed Water Supply Quality

Potable water free from organic contamination, chlorine and suspended matter. Softening may be required for very hard water areas.

Supply Pressure: min. 2 bar max. 6 bar
 Temperature: min. 2°C max. 25°C

Electrical Supply

All models 230V 50Hz standard.

For higher flow rate applications consult ELGA Process Water.