

SIRION™ Mini

Reverse Osmosis Systems

SIRION™ Mini 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
- 5µm 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 start-up; ensures water quality
- Timed recirculation rinse; reduces membrane fouling

Options

- 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

Local after-sales service and support teams offer preventative and corrective maintenance programs to ensure the long-term, efficient operation of installed plant.

System Performance

Model		10-15 EP	10-40 EP	10-80 EP
Nominal Flows at 12°C*				
Permeate	l/hr	10-20	30-45	60-90
Feed	l/hr	40	90	170
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 ppm TDS & SDI <3.

System Dimension

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	53	60	63

Pipe Connections

Model	10-15 EP	10-40 EP	10-80 EP
Feed Water (BSPP Male)	1/2"	1/2"	1/2"
Permeate (push in)	8 mm	8 mm	8 mm
Concentrate (push in)	8 mm	8 mm	8 mm

Feed Water Supply Quality

Potable water free from organic contamination, chlorine and suspended matter. Softening may be required for 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 your local Veolia Water Technologies company, contact details below.

Visit our website: www.veoliawatertechnologies.com/sirion/en/