

SL-RXL Series

Reverse Osmosis system, 2000-6000l/h



SLS TECHNOLOGY

SL-RXL series RO Systems

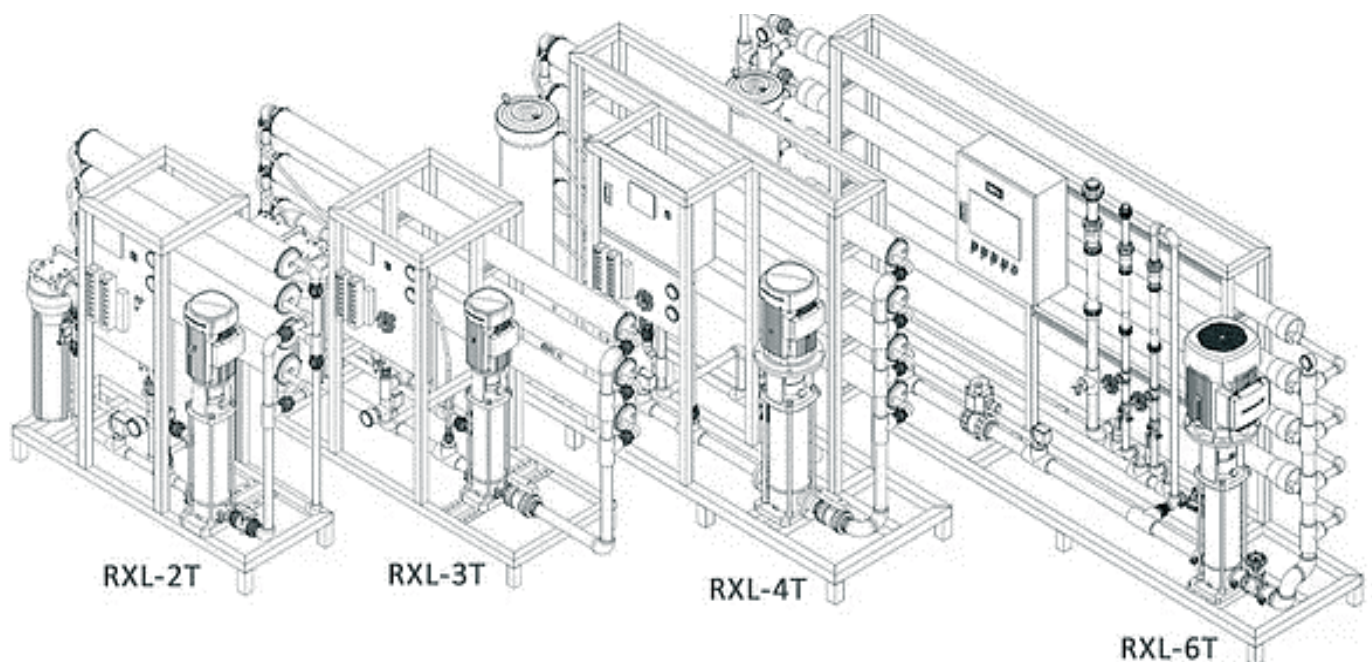
Are designed to produce the largest pure water production using XL-4040 5000GPD RO Membranes.

Due to use of high flow 4" membranes, RXL RO system is the most economical design option for industrial scale applications.

Available models for permeate outputs between 2,000 and 6,000 liters/hr.

Standard Features

- ▶ RO micro-computer controller with permeate TDS readout
- ▶ 300PSI stainless steel membrane housing+PE end caps
- ▶ Walrus SS304 multistage pump
- ▶ 5 micron sediment pre-filter
- ▶ RT rotameters for permeate / concentrate / recycling stream
- ▶ RT pressure gauges for pre-filter outlet and RO feed
- ▶ Danfoss low pressure switch
- ▶ Electro-plated SS304 skid frame
- ▶ Provision for CIP
- ▶ XL-4040 RO Membranes (5000GPD)
- ▶ UPVC SCH80 pipeworks



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Advantages

- ▶ Adjustable flush time
- ▶ Small footprint
- ▶ Economical design
- ▶ Easy to operate and install

Available Options

- ▶ Pulse-flush design
- ▶ Raw water booster pump
- ▶ Permeate Flush
- ▶ SS316 or Sanitary grade on pipes and vessels



Model	RXL-2T	RXL-3T	RXL-4T	RXL-6T
Feed Water TDS	<2000ppm	<2000ppm	<2000ppm	<2000ppm
Recovery Rate*	50-75%	50-75%	50-75%	50-75%
Vessel Array	2:2	1	1	1
Vessel Size	4040 x 4	4080 x 3	4080 x 4	40120 x 4
Permeate Flow Rate (CMH)**	2	3	4	6
Feed Connection	1"	1.5"	1.5"	2"
Permeate Connection	3/4"	1"	1"	1.5"
Drain Connection	3/4"	1"	1"	1.5"
Gross Dimension (cm)	125 x 47 x 135	245 x 60 x 135	240 x 70 x 160	380 x 70 x 165
Gross Weight (kg)	112	168	224	336

* Minimum recovery rate is calculated based on no concentrate recirculation, it is possible to increase the overall recovery rate by increasing the concentrate circulation flow.

** Permeate flow rate can vary depending on type of membrane, raw water quality, and recovery rate.