

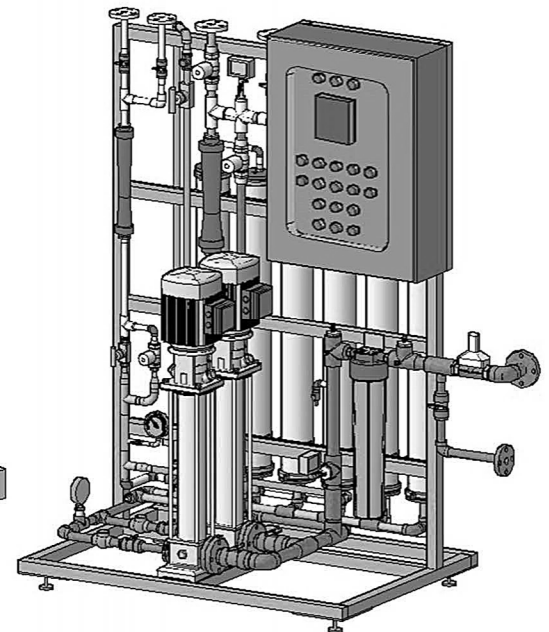
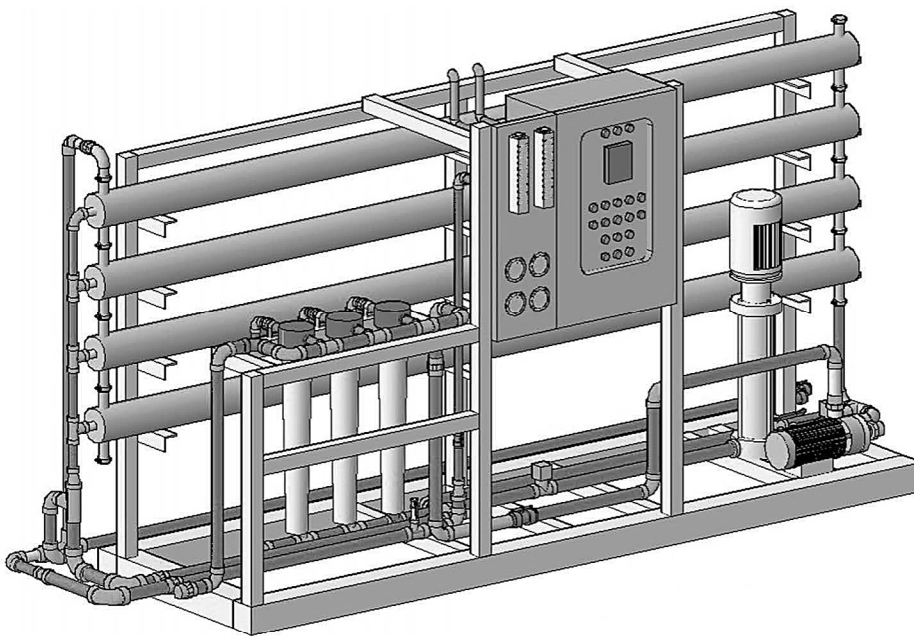


PRODUCT OVERVIEW

Overton Series Commercial and Industrial Reverse Osmosis Systems are engineered to economically produce high purity water by removal of dissolved minerals, bacteria, particles, and organic impurities. Each RO machine is constructed using the highest quality components and materials for reliable operation and exceptional performance. Standard machines in the RO Series are available with product water capacities from 250–2500 l/hour. Contact us for larger flow requirements.

Overton Reverse Osmosis Systems provide exceptional performance in a wide variety of applications, including:

- Boiler Feedwater
- Electronics Manufacturing
- Chemical Manufacturing
- Ink/Dye Production
- Metal Plating/Finishing
- Food/Beverage Production
- Ice-Making Plants
- Deionization PreTreatment
- Bottled Water Production
- Hospital/Medical Facilities
- Research Laboratories
- Greenhouses and Nurseries
- Humidification
- General Potable Water



Overton Reverse Osmosis Systems RO-250-V through RO-2500-H models are available skid-mounted, pre-piped, and pre-wired with the following pre-treatment and post-treatment equipment for a complete water treatment package. Skid-mounted units provide maximum efficiency of floor space and reduced installation costs.

- Multi-Media and Activated Carbon PreFiltration
- RO Water Atmospheric Storage Tanks
- Inlet Feed Water Chemical Injection Systems
- Membrane Clean-in-Place (CIP) Systems
- UV Sterilization Post-Treatment Systems
- Water Softener Pre-Treatment Systems
- RO Water Pressurized Storage Tanks
- Repressurization Pumps and Controls
- Deionization (DI) Polisher Systems
- Sub-Micron Final Filter Housings

SPECIFICATIONS-RO-250-V THROUGH RO-1000-V SERIES



The RO-250-V through RO-1000-V series RO systems are available with nominal capacities from 250 to 1000 litre/hours. These units are designed for commercial and industrial applications and feature the following as standard equipment:

- High rejection 4"×40" RO membranes in SS vessels.
- Controller package with RO Control Panel.
- SS multistage centrifugal high pressure pumps.
- Power Supply, 220 VAC(1 phase), 380 VAC(3 phase).
- Polypropylene / Stainless Steel pre-filter housing material.
- System flow meters and pressure gauges.
- Digital RO product water conductivity meter.
- Actuated automatic RO system inlet feed valve.
- RO reject flow control valves.
- Automatic system flush on shutdown.
- Stainless steel skid/frame.
- Optional skid mounted pre/post treatment equipment.

Model no.	Element Quantity	Capacity	RO Feed	System Piping Connection	Pump
		(l/hour)	(l/hour)	Inlet / Outlet	KW
RO-250-V	1	250	500	1/2" to 1"	0.55
RO-500-V	2	500	1000	1/2" to 1"	0.55
RO-750-V	3	750	1500	1/2" to 1"	0.55
RO-1000-V	4	1000	2000	1/2" to 1"	0.75

SPECIFICATIONS-RO-1000-H THROUGH RO-2500-H SERIES

The RO-1000 through 2500-H series RO systems are available with nominal capacities from 1000 to 2500 litre/hours. These units are designed for commercial and industrial applications and feature the following as standard equipment:

- High rejection 4" x 40" RO membranes in SS vessels.
- Controller package with RO Control Panel.
- SS multistage centrifugal high pressure pumps.
- Power Supply 380 VAC (3 phase).
- Polypropylene / Stainless Steel pre-filter housing material.
- System flow meters and pressure gauges.
- Digital RO product water conductivity meter.
- Actuated automatic RO system inlet feed valve.
- RO reject flow control valves.
- Automatic system flush on shutdown.
- Stainless steel skid/frame.
- Optional skid mounted pre/post treatment equipment.



Model no.	Element Quantity	Capacity	RO Feed	System Piping Connection	Pump
		(l/hour)	(l/hour)	Inlet / Outlet	Kw
RO-1000-H	4	1000	2000	1/2" to 1 1/2"	0.75
RO-1500-H	6	1500	3000	1/2" to 1 1/2"	1.50
RO-2000-H	8	2000	4000	1/2" to 1 1/2"	1.50
RO-2500-H	10	2500	5000	1/2" to 1 1/2"	2.20