

LARGE SEAWATER REVERSE OSMOSIS SERIES (LSWRO) - INDUSTRIAL SEAWATER SYSTEMS -

Our Industrial Seawater Reverse Osmosis portfolio includes systems to fit needs in large size projects. Solar, Skid, and Containerized options available. Standard series for large systems are described below; however, we can also customize your unit based on your unique requirements.



CONTAINERIZED

Works in the most harsh and corrosive conditions

SKID MOUNTED

Easy to transport and install, with small footprint for reduced space

SOLAR/HYBRID

Ensure operation with our full solar or hybrid system

**REMOTE MONITORING
INCLUDED IN ALL
OUR SYSTEMS!**

TECHNICAL SUPPORT

Commissioning, Start-up, operators training, maintenance training, retrofits and modernization are available

ZERO DOWNTIME

We supply all the basic two years critical spare parts with our units. Well-known and proved components are used in all of our systems.

TURNKEY SOLUTIONS

We can provide the basic RO systems plus all pretreatment and Post treatment such as:

- Chemical injection systems
- Multimedia systems.
- Calcite contact tanks
- Ozono generators
- UV disinfection
- H2S removal

For more information on any of our products or services please visit us on the Web at:

www.advancees.com

Ph +1 954 8571895 USA

KEY FEATURES:

- Premium quality
- Continuous operation
- Harsh duty
- Corrosion resistant features
- Industrial grade components
- 3 years prorated membrane warranty
- Easy to read and operate controls
- Advanced customization available
- Backed by years of RO design experience

TYPICAL INDUSTRIES:

- Drinking water
- Beverage/ Bottle water
- Food Processing
- Pharmaceutical
- Electronics productions
- Automotive
- Boiler feedwater
- Cooling tower make-up
- Chemical manufacturing
- Metal finishing
- Large scale irrigation
- And many other industrial and commercial applications

DESIGNED, ENGINEERED & MANUFACTURED



IN THE USA

STANDARD FEATURES:

- Duplex SS-high pressure pipe lines
- PVC sch 80- LOW pressure pipe lines
- Powder coated frames.
- Pressure exchanger or Turbo charger as energy recovery device
- Thin film composite membranes
- FRP pressure vessels pump
- PLC driven control panel & VDF
- PDP energy efficient pump
- Product TDS meter
- Low & High pressure protection
- Permeate & concentrate flowmeters
- Low membrane flux < 10 GFD
- Remote Control Monitoring
- Automatic product water flush on shutdown

ADDITIONAL FEATURES:

- EDI Electrode-ionization
- Ultrafiltration
- Recirculation
- Automatic blending
- ORP
- Ozone Injection
- Tube setting system
- UV sterilization
- Chlorination
- Dichlorination
- PH adjusts
- MM filters (sand, anthracite, activate carbon)
- Ion exchanger
- Turbidity monitor
- Chemical Injection System
- Suction and discharge pulsation damper

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Model	Performance					
	Output		Product	Feed	Reject	Recovery
	GPD	M3/D	GPM	GPM	GPM	%
LSWRO-0200	199965	757.0	138.9	308.6	169.8	45
LSWRO-0250	249957	946.0	173.6	385.8	212.2	45
LSWRO-0500	499913	1892.0	347.2	771.6	424.4	45
LSWRO-0660	660000	2497.0	458.3	916.6	458.3	50

Model	Specifications								
	Membranes		Pump HP	Weight		System Size	Connections Size (Inch)		
	Qty	Size		lbs.	Kgs.	Inch	Feed	Product	Reject
LSWRO-0200	42	8"	150	7300	3319	290X52X67	4"	3"	4"
LSWRO-0250	60	8"	175	9900	4502	290X66X67	6"	4"	4"
LSWRO-0500	120	8"	200	11500	5229	290X66X67	8"	4"	6"
LSWRO-0660	161	8"	250	14500	6593	380X96X84	8"	4"	6"