



Advanceesmedia



Advanced Equipment  
And Services Inc



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# ADVANCED

EQUIPMENT AND SERVICES

## 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!**

## 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

### 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](http://www.advancees.com)

Ph +1 954 8571895 USA

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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

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"