

SEAWATER REVERSE OSMOSIS DESALINATION SYSTEMS SERIES

SWRO
SERIES

Capacity: 4,000 to 660,000

Other custom capacities available upon request

ADVANCED EQUIPMENT AND SERVICES provides a standard line of seawater reverse osmosis systems capable of producing fresh potable water from saline water.



SSWRO-0014



MSWRO-0065

ADVANCED EQUIPMENT AND SERVICES Seawater Series includes standard and customizable systems, designed, engineered and built with the most advance and reliable components to ensure you achieve the lowest operating cost during the whole system life.

OPTIONS AVAILABLE:



SKID MOUNTED

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



CONTAINERIZED

Work in the most harsh and corrosive conditions with our containerized systems



SOLAR / HYBRID

Ensure operation with our full solar or hybrid system

**Remote Control Monitoring
included in all our systems**



Global provider of Reverse Osmosis & Water Treatment Systems

Sales@advancees.com

+1 954 857-1895

www.advancees.com



STANDARD FEATURRES:

- Duplex SS - high pressure pipe lines
- PVC sch 80 - Low pressure pipe lines.
- Powder coated frames.
- Energy recovery device. *
- Thin film composite membranes.
- FRP pressure vessels.
- Flush and cleaning 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.
- Multi-media filtration sized for manual or automatic backwash of one while continuing system operation
- Cartridge filtration
- Automatic inlet feed valve
- Automatic feed water flush on startup
- Automatic product water flush on shutdown. *
- Conductivity monitor/controller driven product diverter valve to dump unacceptable water
- Energy recovery system (Turbo or Pressure exchangers). *
- Passivation treatment of all welded SS316L, Super Duplex S.S. piping
- 7" HMI for operator interface
- Digital flow meter and pressure transducers
- Nema 4X electrical equipment
- TEFC electric motors
- Remote Control Monitoring

(*) Standard Feature in Medium and Large Systems only

ADDITIONAL FEATURRES AVAILABLE:

- EDI Electrode-ionization
- Ultrafiltration
- Diverter Intel Valve
- Recirculation
- Automatic blending
- ORP
- Ozone Injection
- Tube setting system
- Coagulation and flocculation System
- UV sterilization
- Chlorination
- Dechlorination
- PH adjustment
- MM filters (sand, anthracite, activate carbon)
- Ion exchanger
- Corrosion inhibitor
- Turbidity monitor
- Chemical Injection Systems

Model	PERFORMANCE							SPECIFICATIONS									
	Output		Product	Feed	Reject	Recovery	Membranes		Pump HP	Weight		System Size		Connections Size (Inch)			
	GPD	M3/D	GPM	GPM	GPM	%	Qty	Size		Lbs.	Kgs.	Inch	Feed	Product	Reject		
Small Series	SSWRO-0004	3600	13.6	2.5	8.3	5.8	30	3	4"	7.5	420	191	36X19X71		3/4"	1/2"	3/4"
	SSWRO-0005	5000	18.9	3.5	8.7	5.2	40	4	4"	7.5	460	210	36X19X71		3/4"	1/2"	3/4"
	SSWRO-0006	6300	23.8	4.4	10.9	6.6	40	5	4"	7.5	500	228	40X19X71		1"	3/4"	1"
	SSWRO-0008	8000	30.2	5.6	18.5	13.0	30	2	8"	15	978	443	50X50x71		1"	1"	1"
	SSWRO-0015	15000	57.0	10.4	34.7	24.3	30	2	8"	15	1050	476	50X50x71		1"	1"	1"
SSWRO-0020	20000	75.1	13.9	46.3	32.4	30	6	8"	15	1300	591	170 x 38 x 67		2"	1.25"	1.50"	
Medium Series	MSWRO-0026	25999	94.6	18.1	60.2	42.1	30	6	8"	30	1300	591	170 x 38 x 67		2"	1.25"	1.50"
	MSWRO-0035	34998	132.0	24.3	65.7	41.4	37	8	8"	40	1500	682	170 x 38 x 67		2"	1.25"	1.50"
	MSWRO-0066	66000	250.0	45.8	114.6	68.8	40	15	8"	50	2650	1205	210 x 48 x 67		3"	2"	2.25"
	MSWRO-0087	87000	329.0	60.4	151.0	90.6	40	20	8"	75	3100	1410	260 x 52 x 67		3"	2"	2.5"
	MSWRO-0106	105981	401.0	73.6	184.0	110.4	40	24	8"	100	3850	1751	260 x 52 x 67		4"	2.5"	3"
MSWRO-0132	132007	500.0	91.7	229.2	137.5	40	30	8"	125	4650	2114	290 x 52 x 67		4"	2.5"	3"	
Large Series	LSWRO-0200	199965	757.0	138.9	347.2	208.3	40	42	8"	150	7300	3319	290 x 52 x 67		4"	3"	4"
	LSWRO-0250	249957	946.0	173.6	434.0	260.4	40	60	8"	175	9900	4502	290 x 66 x 67		6"	3"	4"
	LSWRO-0500	499913	1892.0	347.2	867.9	520.7	40	120	8"	200	11500	5229	290 x 66 x 67		8"	4"	6"
	LSWRO-0660	660000	2497.0	458.3	864.8	406.4	53	161	8"	250	14500	6593	380 x 96 x 84		8"	4"	6"



Global provider of Reverse Osmosis & Water Treatment Systems

Sales@advancees.com

+1 954 857-1895

www.advancees.com

