



Advancesmedia



Advanced Equipment
And Services Inc



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BRACKISH WATER REVERSE OSMOSIS SERIES (BWRO)

Our Brackish Water Reverse Osmosis portfolio includes systems to fit needs in Small, Medium and Large size projects in the industrial and commercial industry. Brackish Water Desalination system can come with Solar and/or Containerized option, Standard series are described below however we can also customize your Unit based on your unique requirements.

Techno support

Commissioning, Start-up, operator training, retrofits and modernization are available.

Zero downtime

We supply all the basic two year critical spare parts with our units. Also we also use very well-know and proven components in all of our systems.

Turnkey solutions

We can provide the basic RO systems plus all pretreatment and posttreatment such us:

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

**Remote monitoring
included in all our
systems!**

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

www.advances.com

SMALL
4,000 -25,000 GPM
13-94 M3/D

MEDIUM
26,000-150,000 GPM
98-567 M3/D

LARGE
160,000 + GPM
605 + M3/D



We offer our product in this options:



SKID



CONTAINERIZED



SOLAR/HYBRID

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 iver years of RO deign exprience

TYPICAL INDUSTRIES

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



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SMALL

Model	Feed	Product	Reject	Output		Recovery
	GPM	GPM	GPM	GPD	M3/D	%
SBWRO-0004	6.8	2.8	4.0	4,000	15	41
SBWRO-0005	7.2	3.5	3.8	5,000	19	48
SBWRO-0007	9.2	4.9	4.3	7,000	27	53
SBWRO-0010	13.1	6.9	6.2	10,000	38	53
SBWRO-0015	18.0	10.4	7.5	15,000	57	58

MEDIUM

Model	Feed	Product	Reject	Output		Recovery
	GPM	GPM	GPM	GPD	M3/D	%
MBWRO-0022	25.0	15.3	9.8	22,000	84	61
MBWRO-0030	34.2	20.8	13.3	30,000	114	61
MBWRO-0045	51.2	31.3	20.0	45,000	171	61
MBWRO-0060	59.5	41.7	17.9	60,000	228	70
MBWRO-0090	89.3	62.5	26.8	90,000	342	70
MBWRO-0110	109.1	76.4	32.7	110,000	418	70
MBWRO-0125	124.0	86.8	37.2	125,000	475	70
MBWRO-0150	148.8	104.2	44.6	150,000	570	70
MBWRO-0175	173.6	121.5	52.1	175,000	665	70

LARGE

Model	Feed	Product	Reject	Output		Recovery
	GPM	GPM	GPM	GPD	M3/D	%
LBWRO-0220	218.3	152.8	65.5	220,000	837	70

MATERIALS OF CONSTRUCTION

- Control EnclosureNEMA 4X
- High pressure piping316SS
- Low pressure pipingPVC Sch 80
- Low Pressure Tubing.....Polyethylene
- High Pressure Tubing.....Parflex
- Sample Valves.....PVC
- Membrane housing.....FRP

OPTIONAL EQUIPMENT

- Feed pump
- Feed pump control panel & starter
- Multimedia system (pretreatment)
- Chemical feed system
- Cleaning system
- Installation and commissioning
- Supervision/services are available

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