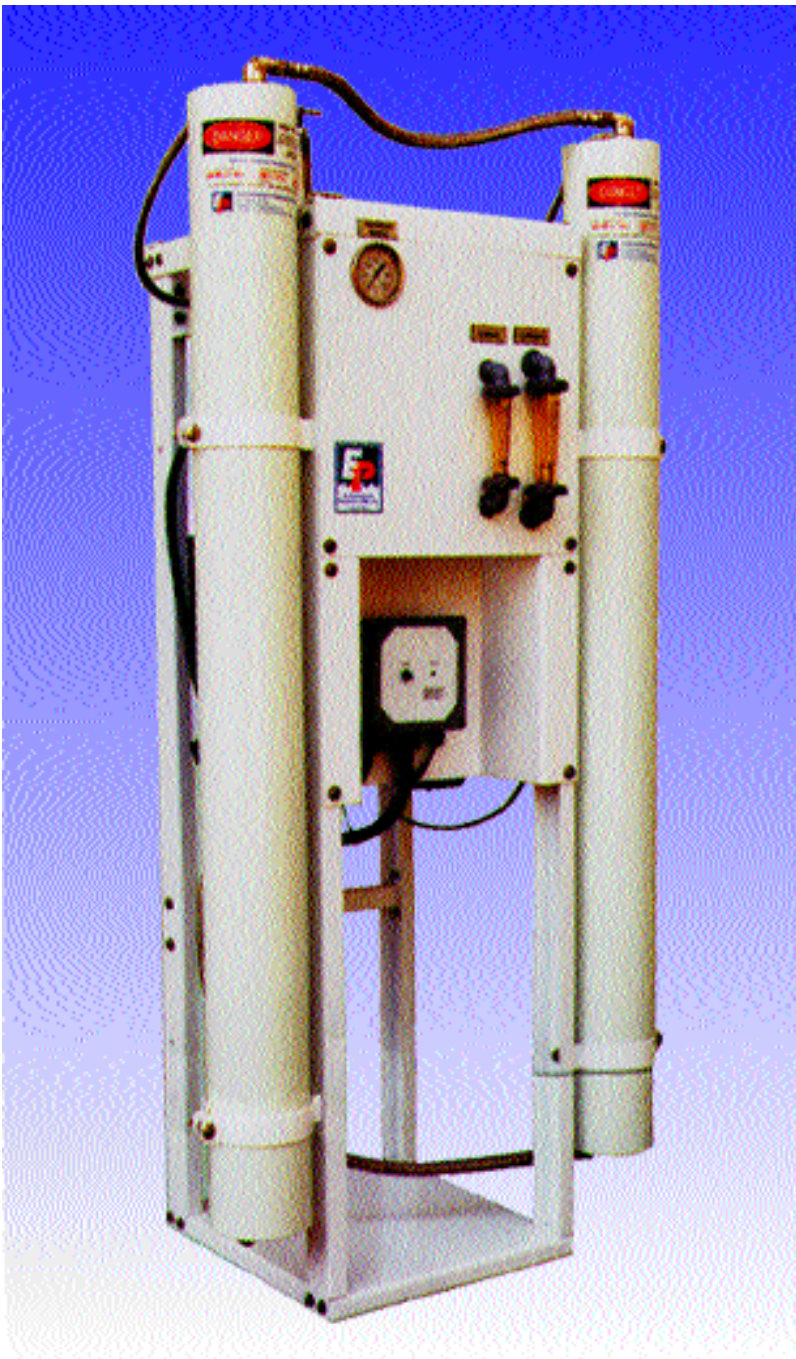


# **AWS**

**ADVANCED WATER SYSTEMS**

## **HIGH-FLOW PRESSURIZED**

## **REVERSE OSMOSIS SYSTEMS**



- High Total Dissolved Solids?
- Salt Water Intrusion?
- Need Purified Water for Drinking or Processed Water?

***AWS HAS  
THE ANSWER!***

If your water contains high levels of total dissolved solids, chlorides, sodium, or salts, a high-quality custom reverse osmosis system from AWS might be just what you are looking for! Reverse osmosis uses a semi-permeable membrane to separate and remove dissolved salts, organics, pyrogens, sub-micron colloidal matter from water. Reverse osmosis is capable of removing 95% to 99% of these impurities from the water, providing a continuous supply of purified water. We have supplied hundreds of heavy-duty, high-quality, RO systems for many applications including drinking water, food processing, bottled water production, irrigation, greenhouses, carwashes, laboratories, and many other specific applications. Pre-treatment is important, so contact AWS with your specific water chemistry and application criteria.

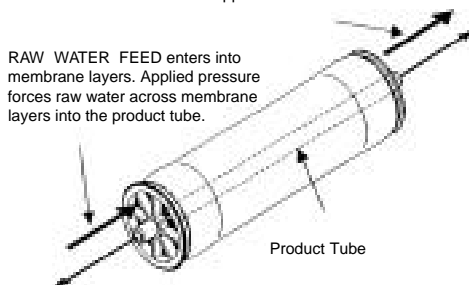
# HIGH-FLOW PRESSURIZED REVERSE OSMOSIS SYSTEMS: 150 TO 21,500 GALLONS PER DAY

## Check Out These Features - Standard on all AWS RO Systems:

- Quality Thin-Film Membranes with 99% Average Salt Rejection
- Rotary-Vane and Multi-Stage Booster Pump
- 5 Micron Pre-filter
- Stainless Steel Hoses
- Powder-coated frame
- Concentrate Pressure Gauge

### THE REVERSE OSMOSIS MEMBRANE ELEMENT

CONCENTRATE WATER containing salts is rejected by the membrane and does not enter the product tube. The concentrate water exits the side of the element opposite of the feed.



RAW WATER FEED enters into membrane layers. Applied pressure forces raw water across membrane layers into the product tube.

PRODUCT WATER collects in the product tube and can be output from either end of the membrane element.

**EPRO Series RO Systems, 150-800 GPD:** Low Pressure Cut-Off Switch, Pre- and Post-Filter Pressure gauges; Flow Meter for product water, and concentrate water; TDS Meter. All the items listed below have an operating pressure of 200 PSI and a pipe inlet that's 1/2" in size.

Part #	GPD	Mem. Size	No. of Elements	Length (in/cm)	Unit Dimensions			Price Each
					Width (in/cm)	Height (in/cm)	Weight (ilbs/kg)	
RO000680	150	2.5"x14"	1	15/38	10/16	38/97	39/18	\$3900
RO000690	250	2.5"x21"	1	15/38	10/16	38/97	40/18	\$4150
RO000700	450	4"x14"	1	15/38	10/16	38/97	42/19	\$4288
RO000710	600	2.5"x40"	1	15/38	10/16	52/13	242/19	\$4400
RO000720	800	4"x21"	1	15/38	10/16	38/97	45/21	\$4650

**Epro Series RO Systems, 1500-600 GPD:** Low Pressure Cut-Off Switch, Pre- and Post-Filter Pressure gauges; Flow Meter for product water, and concentrate water; TDS Meter, Recycle Valve for cleaning membranes. All the items listed below have an operating pressure of 200 PSI and a pipe inlet that's 1/2" in size.

Part #	GPD	Mem. Size	No. of Elements	Length (in/cm)	Unit Dimensions			Price Each
					Width (in/cm)	Height (in/cm)	Weight (ilbs/kg)	
RO000730	1500	4"x40"	1	26/66	20/50	50/127	110/50	\$6238
RO000740	3000	4"x40"	2	26/66	20/50	50/127	140/64	\$7863
RO000750	4500	4"x40"	3	26/66	20/50	50/127	165/75	\$10,113
RO000760	6000	4"x40"	4	26/66	20/50	50/127	180/82	\$12,000

**Epro Series RO Systems, 10,000-21,500 GPD:** Low Pressure Cut-Off Switch, Pre and Post -Filter Pressure gauges; Flow Meter for product water, and concentrate water; TDS Meter, Recycle valve for cleaning membrane, Automatic Fast Flush System, Heavy-Duty Crating for Shipping. All the items listed below have an operating pressure of 200 PSI and a pipe inlet that's 1/2" in size.

Part #	GPD	Mem. Size	No. of Elements	Length (in/cm)	Unit Dimensions			Price Each
					Width (in/cm)	Height (in/cm)	Weight (ilbs/kg)	
RO000770	10000	4"x40"	6	26/66	64/163	48/122	660/300	\$18,295.00
RO000780	11500	4"x40"	7	37/94	64/163	48/122	700/320	\$19,595.00
RO000790	13000	4"x40"	8	37/94	64/163	48/122	730/330	\$20,795.00
RO000800	14500	4"x40"	9	37/94	64/163	48/122	775/350	\$22,095.00
RO000810	16000	4"x40"	10	37/94	64/163	48/122	830/375	\$23,295.00
RO000820	17500	4"x40"	11	37/94	64/163	48/122	880/400	\$24,595.00
RO000830	19000	4"x40"	12	37/94	64/163	48/122	950/430	\$26,950.00
RO000840	20500	4"x40"	13	37/94	64/163	48/122	990/450	\$27,895.00
RO000850	21500	4"x40"	14	37/94	64/163	48/122	1050/475	\$29,595.00

Thousands of Custom Water Treatment Systems, Products, Parts, Supplies and Services available for thousands of diverse applications. If you don't see what you want, e-mail or call us; we likely have what you are looking for.

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