



Reverse Osmosis System

**PURIFIED
POWER FOR EVERY PURPOSE**

- Reduces** contamination
- Protects** orifices
- Extends** component life

Ideally suited for
**filtering inlet water
maximizing up-time**



AS-ROS 2000
(Back)



AS-ROS 2000
(Front)

Standard Features

The AS-ROS commercial reverse osmosis system features a compact free standing design, excellent pre-filtration and high quality components. Able to support 2000 GPD, the AS-ROS 2000 offers high performance, high recovery rates and low energy consumption, allowing you to experience greater savings with lower maintenance and operation costs.

- ELIMINATE CONTAMINATION**
Installing an ROS reverse osmosis system greatly increases the quality of your cutting water by eliminating any contamination present in your incoming water supply.
- EXTEND COMPONENT LIFE**
Particles in the water, under high pressure, act like an abrasive and cause premature wear on everything the water touches. Removing these particles or contamination extends component life exponentially.
- REDUCE DOWNTIME**
Eliminating contamination from your water greatly reduces the chance of harmful particles damaging your orifice and causing costly downtime.

What you get

All RO Systems are shipped complete with the AS-ROS 2000 RO Unit and an Atmospheric holding tank.



AS-ROS 2000

Atmospheric holding tank



PURIFIED



System Highlights

- Fully Equipped and Customizable
- On-Demand RO
- Lower Energy Consumption
- Cold Water Membranes
- Maintenance Bypass
- Blending Options
- Compact Space Saving Design
- 1-Year Limited Warranty
- Made in the U.S.A.



AS-ROS 2000

System Specifications

Models:	AS-ROS 2000
Design and Rates	
Configuration	Single Pass
Feed Water Source	Softened
Standard Recovery Rate	63%
Permeate Flow gpm (lpm)	1.38 (5.22)
Connections	
Feed inch	3/4" FNPT
To Pump	3/8" Tube
Concentrate inch	3/8" Tube
Consumables	
Carbon Block, 10 Micron	1
Membrane	3
Sediment Filter	1
Service Interval	3 mo
Filter Service Interval	12 mo
Pumps	
Motor HP (kw)	3/4 (0.55)
RPM @ 60 (50 Hz)	1725 (1465)
Electrical	
Standard Voltage	110V 60Hz 1 PH
Voltage Options*	220V 60Hz 1PH , 220V 50Hz 1PH
Voltage Amp Draw (110v 60Hz/220V 60Hz/220V 50Hz)	11 / 5.6 / 6.6
System Dimensions	
L x W x H inch (cm)	35 x 30.3/8 x 49 (89 x 77 x 124)
Weight lb. (kg)	241(109.32)

*Must Specify voltage options when ordering. Longer lead times apply.



Operating Limits

Feed Temperature °F (°C)	40 - 105 (4.44 - 40.96)	Maximum Free Chlorine ppm	0
Ambient Temperature °F (°C)	35 - 120 (1.66 - 48.89)	Maximum TDS ppm	2500
Feed Pressure psi (bar)	35 - 85 (2.41 - 5.86)	Maximum Hardness gpg	15
Maximum Operating Pressure psi (bar)	150 (10.34)	pH (Continuous)	3 - 11
Maximum SDI rating SDI	< 3	pH (Cleaning 30 Min.)	2 - 12
Maximum Turbidity NTU	1		



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