

PRAB REVERSE OSMOSIS SYSTEMS

PROVEN TO REDUCE WATER COSTS UP TO 99%

Removes up to 99.5% of Dissolved Salts and Virtually all Colloidal and Suspended Matter

PRAB Reverse Osmosis (RO) Systems effectively remove dissolved salts, colloidal, and suspended matter from the most challenging waste and feed water applications. It is typically used as a final process after ultrafiltration or chemical treatment of incoming water, process water, or industrial wastewater for reuse and/or discharging to your local POTW. PRAB Reverse Osmosis systems arrive at your site fully tested and ready to clean contaminants from water.



PRAB Reverse Osmosis System

Features and Benefits:

- Reduced water costs of up to 99%
- Removes up to 99.5% of dissolved salts and impurities
- Delivered fully tested and ready to clean contaminants from water
- Pretreatment equipment and chemistry are provided to ensure optimal performance and lifespan of system membranes
- Helps meet zero manifesting goals and complies with federal Resource Conservation and Recovery Act Requirements, as well as state and local discharge regulations
- Low maintenance with little operator involvement
- Flow rates from 1 gpm up to 200 gpm
- Effective in a variety of manufacturing industries

Applications:

- Boiler Water
- Chemicals
- Metal Working Wastewater
- Surface Treatment
- Plastics
- Paper & Pulp
- Pharmaceutical
- Food & Beverage
- More

Backed by the **PRAB Difference**

PRAB REVERSE OSMOSIS SYSTEMS

REMOVE UP TO 99.5% OF DISSOLVED SALTS

Built to Last:

All PRAB industrial filtration systems are built using components only with proven membrane technology that will provide reliable, long-term operation. In addition, each system is backed by a 100% Performance Guarantee.

What is Reverse Osmosis:

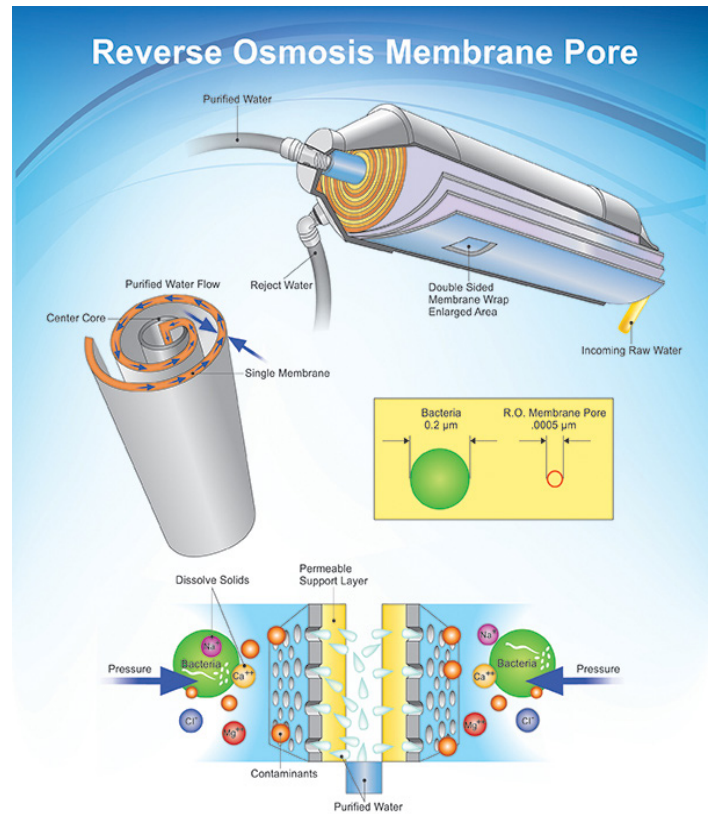
Reverse Osmosis (RO) is a filtration technology used to remove dissolved solids and impurities from water using a semi-permeable RO membrane which allows the passage of water but leaves the majority of dissolved solids and other contaminants behind.

RO membranes require high water pressure (greater than osmotic pressure) to work effectively. Water that passes through the membrane is called permeate and the dissolved salts rejected by the membrane are called concentrate. An RO system that is properly designed and operated can remove up to 99.5% of incoming dissolved salts and impurities.

In the past 2 years PRAB has provided equipment saving customers nearly \$2.6 million annually by re-purposing their wastewater for reuse or sending to sewer.

Turnkey Solutions:

PRAB Reverse Osmosis systems arrive at your site fully tested and ready to clean contaminants from water. Pretreatment equipment and chemistry are also provided to ensure the optimal performance and lifespan of the system's membranes.



Pilot Equipment:

PRAB offers a complete line of pilot equipment that can be used to validate system operation and performance prior to purchase. Pilot units are meant to act as a sample test to provide confidence that the recommended equipment will meet the output requirements of your application.



A true performance guarantee ensuring your PRAB equipment achieves the specific results it was designed and manufactured to deliver. And if you need technical support, call us. We are available 24/7.

Contact us to **request a quote** today

5801 East N Avenue, Kalamazoo, MI 49048

Phone: 1-800-968-7722 | Email: sales@prab.com | Website: prab.com

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