

INDUSTRIAL REVERSE OSMOSIS

With Uptime®

PRODUCT APPLICATIONS

- Post Media Filter
- Post Ultrafiltration (UF)
- Post Nanofiltration (NF)
- Pre Electrodionization (EDI)
- Post Softening Ion Exchange
- Pre Mixed Bed Ion Exchange
- Boiler Feed Water Treatment
- Process Water
- Industrial Wastewater Recycling and Reuse

PRODUCT OVERVIEW

EllisLudell Industrial RO Systems reliably remove impurities such as heavy metals, chlorides, salts, and other dissolved solids, ensuring production of high-purity water. Combined with our Uptime® Intelligent Machine Management System and unmatched service and repair capabilities, EllisLudell helps water-conscious companies reduce chemical dependence in boilers while ensuring their processes receive high-quality RO water with minimal downtime. Find your best solution in our extensive range of standard and fully customizable RO systems.

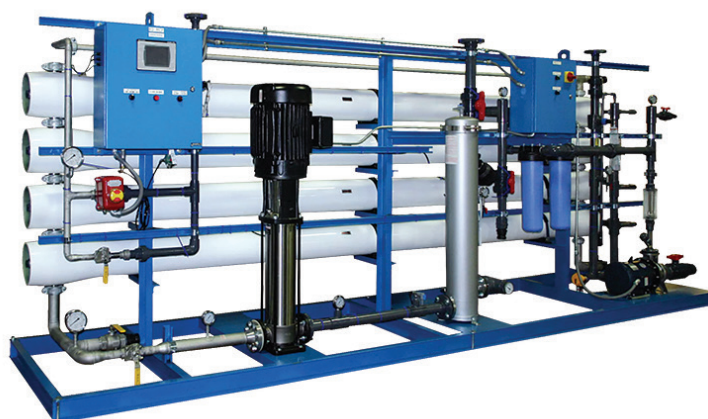
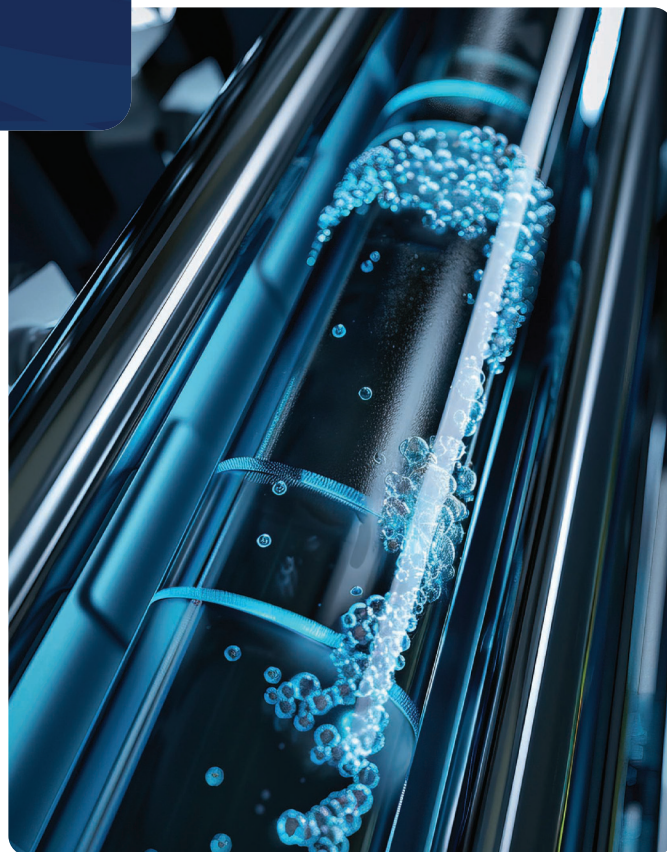
PRODUCT FEATURES

Capacity: 5 to 800 gpm

- High Recovery Rate
- Optimal Energy Efficiency
- Automated Controls and Monitoring
- Durability and Corrosion Resistance
- Scalability and Customization

Available Options:

- Softeners
- Granular Activated Carbon (GAC)
- Pre-Treatment Chemical Pumps
- Cleaning Systems (CIP - Clean-in-Place)
- Advanced Control Panels with Remote Monitoring



INDUSTRIES

- Food and Beverage Production
- Healthcare and Hospitals
- Pharmaceuticals and Biotechnology
- Textiles and Apparel Manufacturing
- Chemical Processing
- Power Generation
- Institutional and Educational Facilities
- Hospitality and Hotels
- Breweries and Distilleries
- Automotive and Manufacturing Facilities
- Desalination and Brackish Water Treatment



BENEFITS WITH A REVERSE OSMOSIS SYSTEM

High Water Efficiency and Reuse

Achieve significant reductions in overall water usage by reusing water and removing over 95% Total Dissolved Solids.

High-Quality Water Output

Effectively remove color, taste, odor, heavy metals, and organics, ensuring superior water quality for diverse applications.

Reduced Operational Costs and Chemical Usage

Lower chemical usage in boiler operations, leading to cost savings.

Compact Design with High Throughput

A small footprint combined with efficient design allows for maximum output in limited space, aligning with industrial scalability needs.



More Than Data, Diagnostics & Alerts

Uptime® goes beyond diagnostics. Uptime provides pinpoint location of problems and on-demand step-by-step video support for quick fixes right on the production floor.

- **Maintenance Video Library:** Scanning QR codes provides step-by-step video tutorials for maintenance, enabling quick access to troubleshooting and repair guidance on the production floor.
- **Bridging the Knowledge Gap:** Captures and preserves essential knowledge through standardized training and on-demand resources, addressing workforce challenges like retiring employees and skill transfer.
- **Real-Time Monitoring and Alerts:** Enables continuous oversight of equipment performance, minimizing unexpected downtime.
- **Preventative Maintenance:** Supports proactive machine health assessments to prevent issues before they occur, extending equipment lifespan.



- **Remote Accessibility:** With client authorization, Ellis or Ludell securely analyzes and troubleshoots systems remotely, ensuring efficient support from any location.
- **Automated Data Collection, Insights and Reporting:** Collects and analyzes operational data to optimize machine efficiency while facilitating the transfer and analysis of key metrics, such as water and energy usage, to support informed decision-making and conservation efforts.



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