

Reverse Osmosis < Source Water & Wastewater Purification



Purify And Recover Up To 90% Of Your Wastewater

Designed for ultra-efficiency, **KONTEK's ROKON** Systems recover up to 90% of raw city water or recovered process feed water. Our highly efficient membranes and optional variable speed drives will minimize your facilities' energy requirements.

Systems are controlled by PLC-driven operator interfaces, which display and archive all important system information on a user-friendly control panel. Premium instrumentation package offers industry-leading membrane protection.

Every **ROKON** System is mounted on a powder-coated or stainless steel rugged frame designed to withstand harsh environmental conditions. **KONTEK** only utilizes the highest quality pumps, membranes, and instrumentation, with proven performance and durability.

An ISO 9001 Company
Established 1980

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SYSTEM DESIGN

Use of performance projection computer modeling software leads to the lowest cost of ownership.

ROKON PRE-TREATMENT

Pretreatment requirements are based upon the quality of source water. Typical pre-treatment steps include multi-media filtration, chlorine & organics removal and chemical &/or brine softening.

ROKON'S exceptionally low-fouling membranes and high quality pre-treatment systems reduce cleaning and maintenance costs while extending your system's lifers.

DEPENDABLE

Simply let your **ROKON** System run!
Our PLC interface will automatically alert you as soon as it needs operator attention - always protecting your system while keeping it running smoothly.

ROKON SYSTEMS REMOVE

- Metals and Salts
- Organics
- Colloidal and Non-Colloidal Particles
- Bacteria

CIP SYSTEMS

- Available with or without heat
- ROKON** Systems include valved CIP connections

LOW-FOULING MEMBRANES

We use membranes lined with patented polyamide-urea barrier. The chemical composition of these membranes naturally reduces fouling rates, enhancing the reverse osmosis process.

Features and Benefits

- Standard designed flow rates from 5 to 300 GPM / skid
- Durable, vertical multi-stage 316 or 304 SS pump with a high efficiency TEFC motor
- All high-pressure piping is heavy wall 316 SS
- Adjustable reject recirculation
- Up to 90% water recovery
- Stainless steel filter housing with 1.0 micron filter cartridges
- ASME rated and stamped pressure vessels
- Long membrane life span, reducing system downtime and maintenance costs
- PLC-controlled with colour touch screen HMI controls for real-time data collection and maximum flexibility
- Digital or analog high quality flow, conductivity and pressure sensors allow for the display of % recovery, % rejection and trans-membrane pressure
- Systems meet UL, ULC and CE standards
- Skidded construction with either powder coated mild steel or stainless-steel frame equipped with foot pads
- Wet factory acceptance testing assures quality and performance

ROKON

ROKON System

Complete with carbon and greensand filtration, pre-treatment and an automated, heated CIP

The Complete System



Industrial Wastewater Recovery & Treatment • Source Water Purification