

REVERSE OSMOSIS SYSTEMS



REUSE

REUSE | REVERSE OSMOSIS SYSTEMS

The Ovivo Industrial Nanofiltration and Reverse Osmosis systems are unique Engineered systems designed to recover and reuse process and treated wastewater for the benefit of enhancing your firms commitment to sustainability in a proven and economical fashion.



HOW IT WORKS

The NF/RO systems are designed with critical attention to scaling indices as well as hydraulic flow conditions to ensure fouling and scaling is minimized.

Ovivo Industrial also has an enhance recovery NF/RO system with engineered dynamics that allow the system to operate at significantly higher TDS concentrations than conventional NF/RO systems.

TECHNICAL INFORMATION

- Designed for flowrates that range from 50 gpm to 5,000 gpm.
- Containerized (10 – 200 gpm) and skid mounted systems available

APPLICATIONS AND MARKETS

- Applicable for all markets and applications with a focus on appropriate pretreatment strategies to help optimize recovery and performance.
- Ideal application for wastewater reuse for cooling tower makeup, or wastewater treatment for non-contact cooling.

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FEATURES & BENEFITS

- Engineered high recovery systems reducing residual concentrate volumes that require disposal
- Integrated pretreatment strategies, often including Silicon Carbide (SiC) UF membrane to ensure safe and reliable NF/RO operation and performance
- Designed to optimize recovery with appropriate hydraulic flow conditions to mitigate fouling potential and extend times between cleanings while extending membrane life

