

REVERSE OSMOSIS

Engineered for Compact Clarification

Therma-Tron-X Environmental designs and manufactures industrial and commercial reverse osmosis systems that produce high-purity water, reduce dissolved solids, and enable water reuse across a wide range of industrial applications



INNOVATION

- High efficiency RO membrane technology
- Single-pass and multi-pass systems
- Variable frequency drive high pressure pumps
- Fully automated operation with intelligent control
- Integrated chemical feed and UV options



EXPERIENCE

- Proven performance across virtually any application, either commercial or industrial.
- Decades of experience integrating RO systems into complete water treatment and wastewater recovery solutions



QUALITY

- Stainless steel and powder-coated steel
- Stainless steel skids and high-pressure plumbing
- Durable clean-in-place system design
- Industrial-grade membrane housing systems
- Premium industrial components
- Tested in-house



SUSTAINABILITY

- Provides clean water for critical manufacturing procedures
- Minimal operator oversight required
- Reclaims valuable process chemicals and reduces freshwater usage
- Recycles and reuses water to reduce freshwater consumption and wastewater discharge.



Your Best Finish Starts With Us!

ENERGY EFFICIENCY

- Ultra-low horsepower pump design
- Optimized high-efficiency membranes
- Reduced energy consumption per gallon

CUSTOM INTEGRATION

- Commercial and industrial systems
- Modular skid-mounted designs
- Compatible with multiple treatment processes
- Flexible output and flow rate options
- Complete water treatment solutions—from pretreatment to reuse and discharge.

CUSTOMER BENEFITS

- Water Recovery. Water Reuse. Water Security
- Protect your process with consistently pure water
- Reduce operating costs while conserving one of your most valuable resources
- High-quality process water output
- Compact installation footprint

AVAILABLE CONFIGURATIONS

- Commercial units (3,000-7,000 GPD)
- Industrial units (10-1,000 GPM)
- Single-pass or multi-pass systems
- UV available

