

ROPURE™

REVERSE OSMOSIS SYSTEM

If your plant uses water in its production process and requires low TDS process water, then Norchem's Reverse Osmosis System is a worthwhile solution to explore.

Used for incoming water filtration and process water tertiary filtration to remove TDS, ROpure™ utilizes membranes to increase the flux rate by as much as 70%. High temperature up to 160 degrees of continuous operation.

PFAS OUT, PURITY IN:

Norchem's specialized ROpure™ paired with the UltraPure® Wastewater Filtration & Recycling System ensures compliance and eliminates the threat of PFAS in your operation.



SUPERIOR TDS REDUCTION

SPECIFICATIONS

- ✓ Fully automated with UL-approved & NEMA-rated smart controls
- ✓ Fully scalable from 5 GPM to 1000 GPM
- ✓ Reduces the overall TDS discharge to sewer after the filtration process
- ✓ Pre-piped with all stainless-steel components
- ✓ Stainless Steel Skid Mount



TYPICAL APPLICATIONS

INCOMING LAUNDRY WATER

In addition to hard water, high TDS is known to cause problems with linen discoloration. The application of the ROpure™ to the wash process mitigates the risks of hard water that result in spending more money on excess wash chemicals and elongated wash times.

TERTIARY FILTRATION

ROpure™ will greatly increase the performance of the UltraPure® Wastewater Filtration System by acting as a tertiary control mechanism for the TDS levels coming off the membranes.

BOILER FEED WATER

- ✓ ROpure™ for boiler feedwater filtration increases the cycle time of boilers by reducing the number of blow downs
- ✓ Longer cycles and less blow downs means less treatment chemical usage
- ✓ Saves water and heating energy by getting more out of each boiler cycle
- ✓ Supplies your boiler with near zero TDS water