

Reverse Osmosis (RO) & Continuous Electrodeionization (CEDI) Skid

Our RO & CEDI skid is designed for pharmaceutical applications with stainless steel construction, redundant pumps, automated controls, and hot water sanitization, providing a sustainable, factory-tested solution that integrates seamlessly with Mueller® systems.



PAUL MUELLER COMPANY

Sizes

- 5, 10, 20, 30, and 50 GPM RO/CEDI systems
- Custom sizes available upon request

Models

- RO-5 through 50

Modularity

- Includes RO pre-filter, dual RO pumps, RO housings and membranes, and CEDI
- Designed to be fed with softened, chlorine/chloride-free water
- Available as a standalone unit or as part of a larger integrated system
- System can be oversized to branch off the RO or softener to feed other facility utilities
- All stainless steel tubing
- One centrally-located UL 508A-certified control system
- Distributed I/O capabilities
- Industrial-hardened Ethernet backbone
- Fully supported by factory-certified service technicians
- Supported by our in-house ISO 17025 calibration lab with onsite services

Designed for Sustainability

- Designed for pharmaceutical applications, including hot water sanitizable RO membranes
- Integrated control system manages the entire system and interfaces with other Mueller water and steam systems
- Requires no plant steam or coolant
- Includes water recycling to reduce waste

Standard Features

- Fully operational, skidded, and factory-tested
- Reduces start-up time and site installation effort
- Includes full turnover package (TOP)
- Stainless steel tubing 25RA (SF2) for RO system
- Fully schedulable hot water sanitizable standard for RO system
- Full perimeter stainless steel framing for protection and easy installation
- Adjustable feet for leveling during installation
- Backed by warranty
- Common, off-the-shelf control system
- Redundant RO feed pumps for reliability

Customizable Features

- Component manufacturers
- Programming
- Additional or limited instrumentation
- Network interfacing
- Sanitization methods
- Interface with other Mueller equipment
- Power input capabilities
- UPS capabilities

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