

Laboratory RO Systems for Type I, II and III Water Quality

Reverse Osmosis for Laboratory Applications

Designed by experts with over 40 years in the Laboratory Industry, NuStream Filtration offers standard products ranging from 1,000 – 20,000 gallons per day and custom systems up to 115,000 gallons per day. Whether you need basic spot free Type III water, or the highest quality Type I water, we've got the solution for you.

Highest Quality Components with Lowest Maintenance Costs

- NuStream RO's are equipped with the highest quality pumps in the industry. Grundfos ML motors have the highest energy efficiency rating world-wide.
- Membranes remove up to 99% of dissolved solids, bacteria and viruses
- Rust free powder coated aluminum frame to keep the system looking new year after year

Minimal Installation, Start Up and Service

- Every system is factory tested assuring that when it arrives at your location, it's in perfect condition
- Totally pre-assembled with easy connections and a printed operation/instruction manual
- Technical support is available 24/7

Easy to Maintain With All the Features You Need

- Adjustable product / reject recovery rates send less water down the drain.
- Controller with automatic membrane feed flush
- Alarms at high conductivity, low feed pressure and tank low.
- Remote alarm included for monitoring up to 100' away.
- Read outs for water temperature and hours of operation.
- Easily integrated for use with NuStream's Electro Deionizer to polish to higher quality
- Connections for Clean In Place

Accessory Packages Available

- Anti-Scalant and Chlorine Destruct pretreatment to extend the life of the membrane
- Electro-Deionizer for polishing the RO water to even higher quality
- Final filtration for removal of bacteria, virus, and endotoxin
- High Purity Storage tanks equipped with spray ball and vent filter to keep water fresh
- Ozone disinfection system to eliminate microbiological contaminants



Complete system options for...

- *Direct feed of Type II water*
- *Pretreatment for point of use cartridges*
- *Packaged with NuStream complete system for Type I or Type II water (see accessories packages)*

A few of the key components for Laboratory Water...



**CGD Series
Up to 3,000 GPD**

**PG Series
3,000 to 20,000 GPD**

**Electro Deionizer & Final Filter
Sized Based on RO Model**

Model	Gallons	Electrical
CGD14	1,800	115v 1 phase 20 Amps
CGD24	3,600	
CGD34	5,400	
CGD44	7,200	

Model	Gallons	Electrical
PG24	5,000	208V, 9.8 Amps, 3 ph 230V, 8.9 Amps, 3 ph 480V, 10.2 Amps, 3 ph 575V, 3.5 Amps, 3 ph
PG34	7,500	
PG44	10,000	
PG54	12,500	
PG64	15,000	208V, 21 Amps, 3 ph 230V, 20 Amps, 3 ph 480V, 10.2 Amps, 3 ph 575V, 8.2 Amps, 3 ph
PG74	17,500	
PG84	20,000	

NuStream will help you determine the appropriate post treatment to assure you meet your required water specification.

Complete Packaged Systems for all High Purity Applications and Markets	
Healthcare Pharmaceutical Universities Industrial	Point of Use Pretreatment Clinical Chemistry Instrument Washing / Sterilization Manufacturing