

Pressure Ion Exchange Systems

Exceptional Filtration for Municipal/ Industrial Water Resources

HYDAC / Schroeder pressure ion exchange systems are engineered for hardness removal, conductivity reduction, dealkalization, deionization, and specialty water treatment applications. These systems are designed for industrial reliability, automated operation, and integration into complete process water treatment systems.

Key Benefits:

- ◆ Reliable hardness and conductivity reduction
- ◆ Protects downstream RO systems, boilers, and process equipment
- ◆ Automatic regeneration minimizes operator involvement
- ◆ Available for softening, deionization, and specialty resin applications
- ◆ Engineered ASME and industrial vessel designs
- ◆ Integrated skid & controls packages available



Vertical & Horizontal Configurations Available

Typical Applications:	Markets Served Include:
Water Softening	Power Generation
RO Pretreatment	Food & Beverage
Deionized Water	Semiconductor
Boiler Feed Water	Industrial Process
Cooler Water Conditioning	Data Centers
High Purity Water	Pharmaceutical

Multiple Configurations to Support Your Specific Application:

- Cation, anion, mixed-bed, and specialty resin systems
- ASME, CRN, and NR-13 vessel options
- Automatic regeneration systems
- PLC and HMI control systems
- Carbon steel, stainless steel, and FRP vessels
- Packaged skid-mounted systems

Contact the experts! Our solutions are engineered for the most demanding industrial and high-purity water treatment applications.

Integrated Treatment Solutions

Part of a Complete, Multi-Stage System

Ion exchange systems are commonly integrated with multiple treatment technologies to optimize water quality and protect critical process equipment.

Technology:	Purpose:
Pressure Sand Filters	Bulk solids removal
Carbon Filters	Organic and chlorine removal
Bag / Cartridge Filters	Fine polishing filtration
Reverse Osmosis Systems	High-purity water production
PLF High Flow Filters	High-flow polishing filtration
UV / Disinfection Systems	Biological control

Why Choose Schroeder?

Your Partner for System Reliability

Our fluid power solutions and expertise encompass virtually every application where filtration is required. Schroeder Industries delivers engineered process filtration solutions designed for industrial reliability, operational efficiency, and long-term media performance.

How We Support Your Operation:

- ◆ Extensive process filtration expertise
- ◆ Engineered vessel and skid system capabilities
- ◆ Integrated controls and automation support
- ◆ Application engineering assistance
- ◆ Nationwide technical and sales support
- ◆ Broad portfolio of complementary filtration technologies



**Contact us for sizing assistance, budgetary pricing,
engineered treatment solutions, and more:**

Greensand • Sand • Multimedia
PLF High Flow • Process Filtration Systems

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