

Pressure Sand Filter Systems

Exceptional Filtration for Municipal/Industrial Water Resources

HYDAC / Schroeder pressure sand filtration systems are engineered for industrial and municipal water treatment applications requiring reliable particulate removal, long media life, and automated operation. These systems are configurable for silica sand, multimedia, activated carbon, greensand, and specialty media applications.

Key Benefits:

- ◆ High solids removal efficiency for intake water, process water, cooling water, and wastewater applications
- ◆ Automatic backwash operation reduces maintenance and operator involvement
- ◆ Heavy-duty ASME and industrial vessel designs available
- ◆ Configurable valve nests, PLC controls, and instrumentation packages
- ◆ Available in carbon steel, rubber-lined, stainless steel, and FRP configurations
- ◆ Skid-mounted systems available for rapid deployment



Vertical & Horizontal Configurations Available

Typical Applications:	Markets Served Include:
Cooling Water	Power Generation
Plant Utility Water	Steel & Metals
Pre-RO Filtration	Food & Beverage
Process Water	Data Centers
Surface Water Treatment	Pulp & Paper
Industrial Refuse Water	Municipal Water

Multiple Configurations to Support Your Specific Application:

- Vessel diameters from 24 in. through 120 in.
- Silica sand, multimedia, activated carbon, greensand, & specialty media
- Manual or automated backwash systems
- PLC and HMI control packages
- ASME, CRN, and NR-13 vessel options
- Skid-mounted and containerized systems

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

Engineered Filtration Solutions

Part of a Complete, Multi-Stage System

Pressure sand filters are commonly integrated with additional filtration and treatment technologies to optimize water quality, extend downstream equipment life, and improve system uptime.

Technology:	Purpose:
Automatic Backwash Filters	Large particulate and debris removal
Bag Filters	Intermediate solids polishing
PLF High-Flow Filters	Fine particulate polishing with reduced footprint
Carbon Filters	Chlorine and organics reduction
Ion Exchange	Hardness and conductivity reduction
UV / Chemical Treatment	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:**

Pressure Carbon • Sand • Multimedia
PLF High Flow • Process Filtration Systems

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