

**FILTRATION SOLUTIONS FOR WATER AND WASTE WATER**



Standardized Fluid Testing Solutions

Turnkey Fluid Quality Measurement and Maintenance Tools

Filtration Optimization by Application



## Automatic Backflush Filter | RF10, RF3 and RF4

- ◆ Self-cleaning, backflushing system for separating particles from water and waste water
- ◆ Ideal for filtering source water, back wash, or tertiary effluent
- ◆ Continuous filtration even during backflushing
- ◆ Automatic backflushing capability reduces operating & maintenance costs
- ◆ Slotted tube filter elements available in 25 µm to 3000 µm
- ◆ Superior pre-filtration for membranes, UV, Ozone and GAC Applications



## Duplex or Single Bag Housings | DBH and BH

- ◆ 304 or 316 Stainless Steel Construction
- ◆ Available in a range of sizes and micron ratings
- ◆ Extremely high dirt-holding capacity
- ◆ Economic Filtration Solution
- ◆ Various connection sizes available



## Schroeder Bag Elements

- ◆ Fully welded seam construction eliminating needle holes and fiber bypass
- ◆ Integrated handles for ease of use
- ◆ Available in mesh, felt, meltblown microfiber and spunbound media
- ◆ 1-1,000 micron ratings
- ◆ Various collar-ring types available



## Bulk Diesel In-Line Filtration | BDF1, BDF2 and ICF

- ◆ ICF: Helps protect expensive, vital engine components against failures caused by water transferred from the bulk fuel tanks to the vehicle. For use in single-pass fuel dispensing or multi-pass reservoir clean-up and continuous maintenance.
- ◆ BDF1 and BDF2: Fully synthetic, patent-pending coalescing (fuel/water separation) media requires minimal change outs. Coalescing filter delivers 99.5% single pass free and emulsified water removal efficiency achieve outlet water concentrations below 100 ppm. Optional electrical Dirt Alarm® or integrated thermostat.



## Filter Housings | KL3 and RT

- ◆ KL3: Engineered with threaded bowl for easier removal of filter bowl during element change out, the KL3 works well in applications with limited clearance above the filter head. Available with metal mesh media in micron ratings of 10, 25 and 60. Also available in water-service version (WKL3) for water filtration.
- ◆ RT: The RT is a popular, versatile tank-mounted filter rated for up to 100 gpm and designed to meet the HF4 automotive requirement. Same-day shipment model available with patented GeoSeal® filter element.



BDS

BDS2

## Bulk Diesel In-Line High Flow Filtration | BDS and BDS2

- ◆ Particulate filtration down to 1 micron utilizing Excellement<sup>®</sup> synthetic Z-Media<sup>®</sup> element
- ◆ Ensures protection of coalescing element from being damaged by excessive particulate matter
- ◆ Standard, manual water drains and up and downstream test points
- ◆ 99.5% Single-Pass Efficiency
- ◆ Helps protect expensive, vital engine components against failures caused by water transferred from the bulk fuel tanks to the vehicle
- ◆ For use in single-pass fuel dispensing or multi-pass reservoir clean up and continuous maintenance
- ◆ Built-in Dirt Alarm<sup>®</sup> to show when element needs to be replaced



BDC

BDFC

## Bulk Diesel Mobile Filtration | BDC and BDFC

- ◆ Routine element change only needed on KL3 particulate filter, saving time and money
- ◆ Fully synthetic, patent-pending coalescing (fuel/water separation) media requires minimal change outs
- ◆ The BDFC, at just 22" wide, cart will fit through standard doorways
- ◆ Pump motor is 115 VAC with resettable overload and 7' power cord
- ◆ Great for kidney loop clean-up of contaminated reservoirs and single pass transfer
- ◆ Coalescing filter delivers > 95% single pass, free and emulsified water removal efficiency to achieve outlet water concentrations below industry standards



Triton-E

Triton-A

TCM

## Fluid Conditioning | Triton Dehydration Station<sup>®</sup> and TCM

- ◆ Triton Dehydration Station<sup>®</sup>: Designed to eliminate 100% free and up to 90% of dissolved water from hydraulic fluids. Using a patented mass transfer process, the Triton Dehydration Station<sup>®</sup> efficiently removes water and particulate contamination quickly in virtually all environments. Designed to be extremely portable and are available as 1.5 and 15 gpm versions.
- ◆ TCM: Newest generation of particulate monitors that continuously measures solid contamination in fluids. Enclosed in a 4-inch diameter case, the TCM utilizes an optical sensor and measures particulates in four sizes (>4, >6, >14 and >21 microns). Measurement results can be displayed or transported as a contamination code according to ISO 4406:1999 or SAE AS 4059.



ATF

## Automatic Twist Flow Strainer | ATF

- ◆ Self-cleaning and backflushing for filtering high levels of solid particles from water using cyclonic action
- ◆ Ideal for pre-filtration/separation before RF systems; filtration of surface/sea water, process water and waste waters
- ◆ Slotted tube elements available in ratings from 200 to 3000  $\mu$ m
- ◆ Continuous filtration even during backflushing
- ◆ Virtually maintenance free

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products for water and waste water. We are proud of our proven track record of providing quality products over the last sixty years. The designs you see inside are the result of thousands of hours of field testing and laboratory research...and decades of experience. Schroeder was one of the first companies to demonstrate the need for, and benefits of, hydraulic filtration. We pioneered the development of micronic filtration, helping to set performance standards in industrial fluid power systems. As a result, Schroeder is now a leader in filtration and fluid conditioning—and the proof of our expertise lies in our broad mix of unsurpassed products.

For more information, please visit: [www.schroederindustries.com](http://www.schroederindustries.com)

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## Water and Waste Water



We design water filtration solutions for the success of our customers by:

- ◆ Optimizing the use of technology with applications for improved equipment performance
- ◆ Using an efficient, timely customization process to fill the specific needs of filtering water
- ◆ Preserving our reputation for reliability and flexibility to meet the demands of water and waste water cleansing
- ◆ Expanding globally to support our customers and stay current with new technologies
- ◆ Leveraging and sharing our knowledge to meet challenges openly
- ◆ Nurturing a creative, cooperative culture committed to the individual and to providing the best solutions for our customers

Our goal is to be your fluid conditioning partner. Our expertise in filtration technology, our superior filter and element manufacturing capabilities, and our dedication to customer service and product support are the reasons we're considered experts in Advanced Fluid Conditioning Solutions®.

We are committed to providing the best available filter products to meet necessary cleanliness levels at a competitive price. As a cost-effective quality producer, we can work with your organization to supply contamination control technology or develop long-range pricing programs that can improve your company's bottom line.



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