FILTRATION SOLUTIONS FOR

MARINE APPLICATIONS

Schroeder INDUSTRIES

Advanced Fluid Conditioning Solutions®

FILTRATION SOLUTIONS FOR MARINE APPLICATIONS

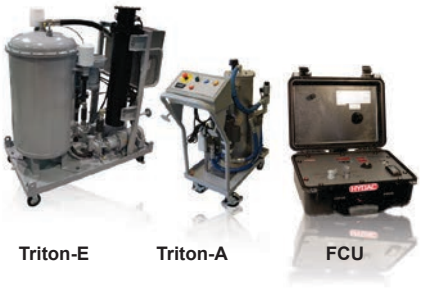
RF10 RF3

Automatic Backflush Filter | RF10 and RF3

- Self-cleaning, backflushing system for separating particles from seawater and waste systems
- Used in conjunction with disinfection to meet IMO/USCG regulations for ballast and bilge waters
- Continuous filtration even during backflushing
- Automatic backflushing capability reduces operating & maintenance costs and only relies on incoming pressures
- Slotted tube filter elements available in 25 µm to 3000 µm
- Superior pre-filtration for membranes, UV, Ozone and GAC Applications

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
- 10’ Hoses with 3’ wand ends
- The BDFC, at just 22” wide, will fit through standard doorways
- Pump motor is 115VAC 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 FCU

Fluid Conditioning | Triton-E, Triton-A and FCU

- **Triton-E and Triton-A:** Our line of positive pressure dehydration units are designed to eliminate 100% of free and up to 90% of dissolved water from small reservoirs, barrels, and gear boxes. Using a patent pending mass transfer process, the Triton Dehydration Stations® series efficiently removes water and particulate contamination quickly in all environments. The Triton-E version handles a larger quantity of oil and higher flow rates than the Triton-A.
- **FCU:** A portable service unit designed for temporary measurement of solid particle contamination (ISO code) and water saturation in hydraulic systems. It combines the advantages of the portable contamination measurement units with the measurement technology of the (TestMate® Water Sensor). Allows operation with reservoirs, control circuits, and high pressure circuits.

KFT PLD RLD

Filter Housings | KFT, PLD and RLD

- KFT: Multiple port options provide plumbing flexibility, while the all-steel construction is suitable for marine applications. Replacement element inventory can be consolidated through the use of standard K-size elements.
- RLD and PLD: Duplex filter design withstands pressure surges and high static pressure loads. Also features a screw-in bowl to promote easy element removal and integrated equalization valve for continuous filtration.

FILTRATION SOLUTIONS FOR MARINE APPLICATIONS

BDF1 BDF2 ICF

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. Also available as a UL Certified, marine specific, fuel filter (ICFM).
- **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.
- **BDFP:** Combines particulate GHPF filter and coalescing GHCF filter with integrated pump. Streamlined design with milimal element change clearance is easy to integrate into new and existing fuel storage systems.

BDFP

Backflush Filter for Diesel Engines | RF9

RF9

- Meets the tighter Tier III standards set up by the International Maritime Organization (IMO) going into effect in 2016.
- Unites solid filter technology and tried-and-tested piston accumulator technology to form a new, innovative filter design.
- Globally unique and patented hydropneumatic back-flushing technology and reliable media separation.
- Continuous fully automatic filtration
- Low pressure drop

Bulk Diesel In-Line High Flow Filtration | BDS Series

- Particulate filtration down to 1 micron utilizing Excellement® synthetic Z-Media® element
- Ensures protection of coalescing element from being damaged by excessive particulate matter
- 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® to show when element needs to be replaced

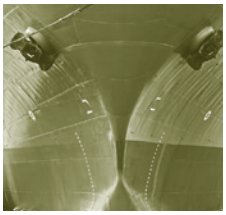
Schroeder Elements

Schroeder Bestfit® Element with Private Label Branding Available

- Affordable filtration solution that can be used in a wide variety of applications
- Cartridge and Spin-on styles available
- Variety of media grades (cellulose, synthetic, water removal, anti-stat pleat)
- Over 40,000 Schroeder cross-over element solutions
- Visit our online converter: https://schroederindustries.com/cross-reference/

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products in the field of marine applications. 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.

Marine



We design solutions for marine applications and 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 marine customer
- Preserving our reputation for reliability and flexibility to meet the demands of marine customers
- Expanding globally to support our customers and stay current with new technologies
- Leveraging and sharing our knowledge to meet challenges such as tier 4 engines
- 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 filtration 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.

For more information on filtration solutions for marine applications, visit schroederindustries.com/markets/marine

Visit us online @ www.schroederindustries.com for our complete product offering!

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