

FILTRATION SOLUTIONS FOR MINING



Continuous

Longwall

Open Pit



RF3

Automatic Backflush Filter | RF3

- ◆ Self-cleaning, backflushing system for extracting particles from low viscosity fluids.
- ◆ Ideal for filtering source water on site.
- ◆ Continuous filtration even during backflushing.
- ◆ Automatic backflushing capability reduces operating & maintenance costs.
- ◆ Slotted tube filter elements available in 25 to 3000 µm
- ◆ Virtually maintenance free



ATF

Twist Flow Strainer | ATF

- ◆ Self-cleaning, backflushing filter for filtering high levels of solid particles from water using cyclonic action
- ◆ Ideal for pre-filtration/separation before RF3/RF4, membrane systems; filtration of surface/sea water, process water and wastewaters
- ◆ Continuous filtration even during backflushing
- ◆ Slotted tube elements available in ratings from 200 to 3000 µm
- ◆ Continuous filtration even during backflushing
- ◆ Virtually maintenance free



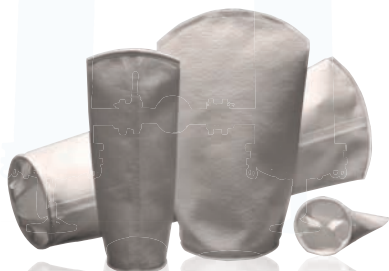
DBH

Duplex / BH Single - Bag Housings | DBH

- ◆ 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 spunbond media
- ◆ 1 - 1,000 micron ratings
- ◆ Various collar-ring types available



IN THE MINING INDUSTRY.



Longwall Shield Replacement Elements | MSB

- ◆ Provides superior protection for the valves on the shields
- ◆ Quality media construction results in lower pressure drop
- ◆ Proven Schroeder quality
- ◆ Factory & field support dedicated specifically to the mining industry



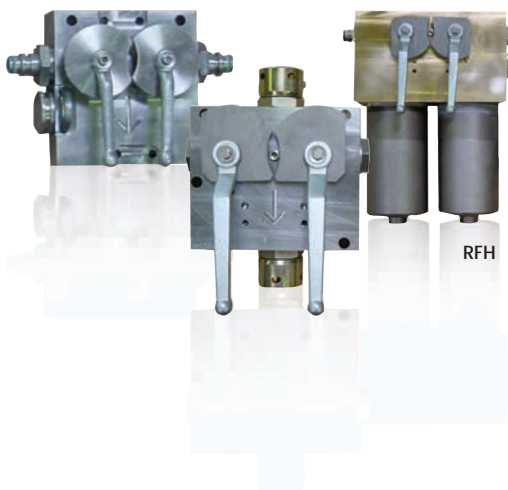
BestFit™ Replacement Elements | SBF

- ◆ Over 31,000 cross references on website
- ◆ Made with superior Excellement® synthetic (Z) Media™
- ◆ Available also with cost effective paper (E) Media
- ◆ Cartridge & spin-on styles available



Longwall Filter | LW60

- ◆ Custom, patented design for high viscosity 95/5 fluids
- ◆ Steel construction; stainless steel bypass; no aluminum
- ◆ Horizontal alignment allows straight-through flow, maximizing flow efficiency and minimizing ΔP
- ◆ 2-inch BSPP porting, easily adaptable to Super Stecko fittings
- ◆ Provides superior protection for the valves on the shields
- ◆ 6000 psi (400 bar) / 300 gpm (1135 L/min)
- ◆ Utilizes new Excellement-MD (for mining applications) media specifically designed for high face flow velocities



Shield Backflush Filter | RFH

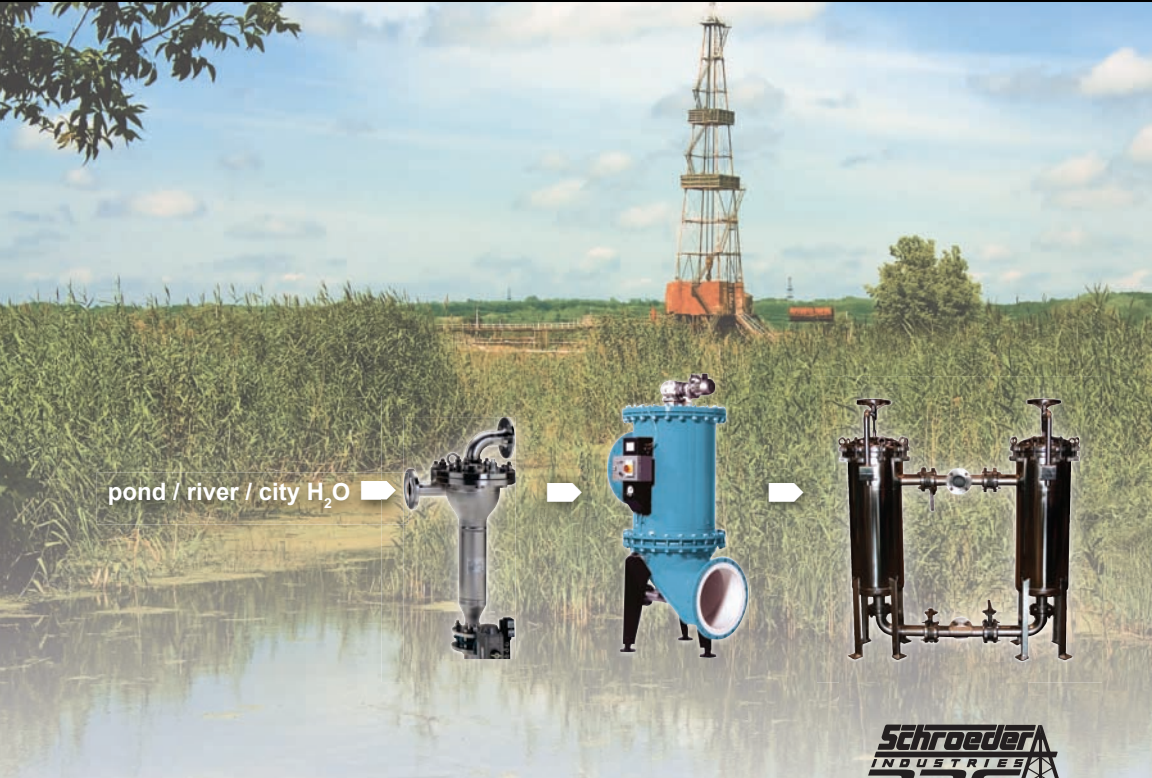
- ◆ Designed for filtering water-based fluids in longwall shields where backflush capability is required
- ◆ Stainless steel and brass construction
- ◆ Dual stage backflushing filter using filtered water allows uninterrupted operation
- ◆ 5076 psi (350 bar) / up to 210 gpm (800 L/min)
- ◆ Super Stecko fitting connections
- ◆ Control options include manual, hydraulic and electro-hydraulic
- ◆ Larger internal passages result in minimal pressure drop
- ◆ Maximum filter element ΔP is 5076 psi (350 bar)
- ◆ Virtually maintenance free



Worldwide Distribution Network

*For a complete distributor list, please visit: www.schroederindustries.com

L-2765 | 2011



pond / river / city H₂O

PPS Pit Purification Solution



- ◆ Portable unit provides staged filtration for cleaning water systems
- ◆ Consists of ATF, RF3 and Duplex Bag Housings
- ◆ Water passes through series of filters for progressive filtration
- ◆ Final bag filtration is easily changed to micron rating of choice
- ◆ Optional Q size filter available for additional level of filtration



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