

**BACKFLUSH FILTER AUTOFILT® | RF3**



Increased Process System Efficiency

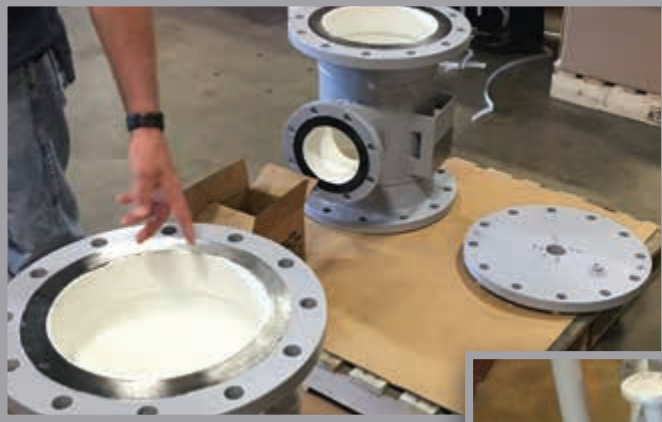
Efficient Particle Extraction

Maintenance Cost Reduction

# RF3 | PROUDLY MANUFACTURED

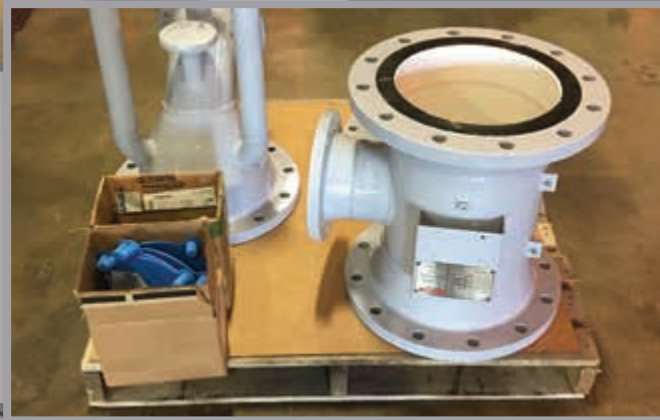
## Schroeder Industries Process Filtration Group - USA Assembled

On May 17, 2017, a team of Schroeder experts began assembly of the newest generation of Backflushing Filters AutoFilt® (RF3-1) here in the United States. Here's the story:



### Day 1:

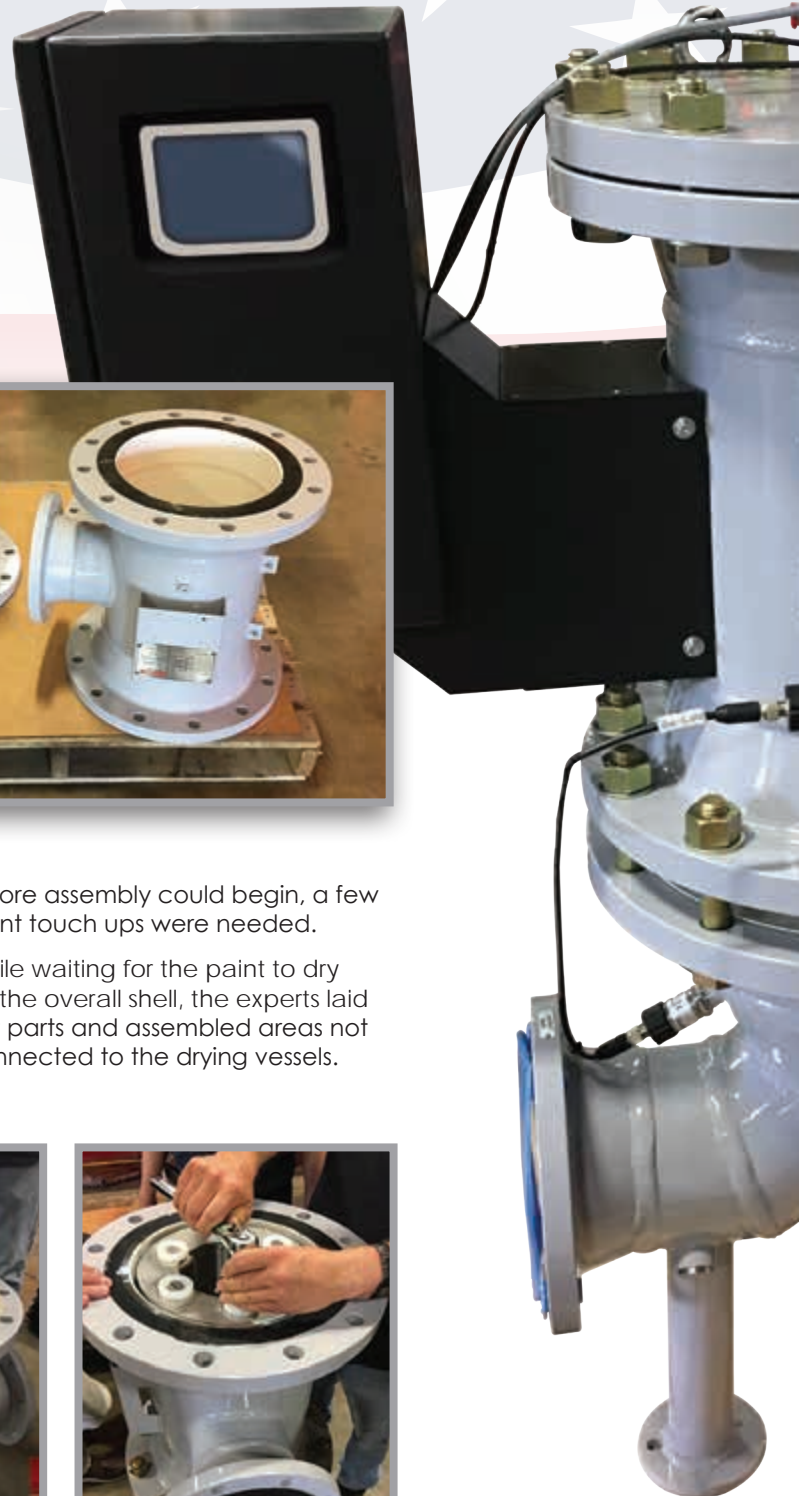
Our Schroeder experts prepped the shop floor to begin assembly. Shortly after, production on the two, 3 piece shell RF3-1 units began.



Before assembly could begin, a few paint touch ups were needed.

While waiting for the paint to dry on the overall shell, the experts laid out parts and assembled areas not connected to the drying vessels.

Our experts then began to construct the assembly. The backflush pipe, valve and actuator are installed first, as the filter is assembled bottom up.

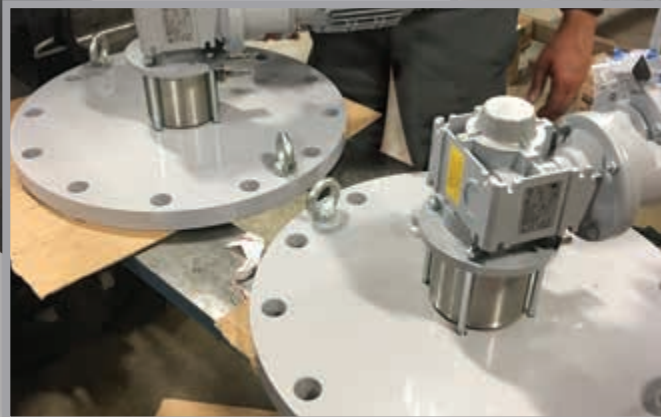


# IN THE UNITED STATES



## Day 1 1/2:

Our team of experts continued with assembling the unit.



And on to the rest of the filter.

After 4 successful function and backflush tests, our experts labeled all the porting, ran the wires and put the finishing touches on the RF3-1 filter.



**“And thus is the story of the first RF3-1 filter from Schroeder Industries manufactured in the U.S.A.”**

End Result: The final product was then shipped to the customer seven weeks earlier than our normal standard operating procedures!



## Backflushing Filter AutoFit® | RF3

- ◆ 20 gpm - 33,000 gpm (80 L/min - 125,000 L/min)
- ◆ Automatic self-cleaning strainer used for extracting particulate contaminants
- ◆ Rugged design and automatic self-cleaning capability gives this filter product the ability to make a major contribution to operational reliability, reduction of maintenance costs and overall efficiency in many process systems

# BACKFLUSH FILTER AUTOFILT® | RF3

L-4616 | 2017



Here at Schroeder Industries, your filtration success story is our filtration success story. That is why we document success and offer a series of Technical Application Bulletins (TABs) at your convenience.

### What's In A TAB?

What's featured in a Technical Application Bulletin from Schroeder Industries is real-life partner success. Whether it be a trusted Bulk Diesel Cart (BDC) saving a back-up power generator dealer over \$25,000 in annual diesel fuel polishing services, or a high-efficiency Asset Management Filtration Station® (AMFS) doubling the service life of 7,000 gallons of hydraulic fluid per year, we are confident that we have a money-saving solution for you.

Visit us online at [www.schroederindustries.com](http://www.schroederindustries.com) and search through our catalog of products to best determine the solution to best fit your needs. Once there, select the downloads section on each product page to discover success stories about the product at hand. Read how others, just like you, have benefitted from the products and services offered to you by your partner in Advanced Fluid Conditioning Solutions®, Schroeder Industries.



L-4529

**TABS from Schroeder INDUSTRIES** Schroeder Provides Bulk Fuel Filtration for Heavy-Equipment/Back Up Generator Dealer

**Background**

A large, heavy-equipment and back-up power generator dealer (sales, service and rentals) was concerned about the frequency and the high cost associated with utilizing third-party diesel fuel polishing services to clean the rental equipment that is returned from their customers.

**Problem**

The customer sells, rents and services mission-critical back up power generators and heavy equipment. All too frequently, the diesel fuel remaining in the equipment returned after a rental period was contaminated with both particulate and water contamination that required extensive attention to rectify.

For each contaminated tank, the costs to clean often reached over \$1,000.00 per tank.

**Solution**

After seeing the capabilities of the Bulk Diesel Cart (BDC) both on paper and in service with a demonstration, the decision was clear to employ the BDC permanently in the rental service center and polish the fuel in-house on all back-up power generators returned after use.

**Specifications**

Type of Machinery: Back-Up Power Generators  
 Fluid Addressed: Bulk Fuel  
 Schroeder Product: BDC  
 Flow Rate: 25 gpm

**Results**



L-4513

**TABS from Schroeder INDUSTRIES** Schroeder Industries Provides AMFS as Refuse Fleet Cost-Saving Solution

**Background**

Refuse customer contacted Schroeder Industries seeking a lower-cost solution in their efforts to change hydraulic fluid in their fleet of 100 trucks.

**Problem**

Within a six (6) month timeframe, the customer had to change the hydraulic fluid in their fleet of 100 trucks. With a fleet size of that magnitude, the cost of replacement fluid added up and the customer sought additional cost savings.

**Solution**

With all the information gathered, Schroeder suggested the use of an Asset Management Filtration Station (AMFS). By using the AMFS, this allowed for fluid filtering and necessary fluid treatment during scheduled maintenance. By polishing fluid and lowering the overall contamination levels, the fluid lifetime was extended from six (6) months to 1.5 years.

**Result**

With the newly extended lifetime of the fluid, Schroeder was able to save the refuse customer 7,000 gallons of hydraulic fluid per year at \$6.19 per gallon (\$43,330).

**Specifications**

Type of Machinery: Refuse Trucks  
 Fluids Addressed: Hydraulic Fluid



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