



**PERFECT
FILTRATION**
SYSTEMS

FUEL / WATER SEPARATORS THAT PROVIDE THE PROTECTION YOUR TIER II & TIER III ENGINES REQUIRE

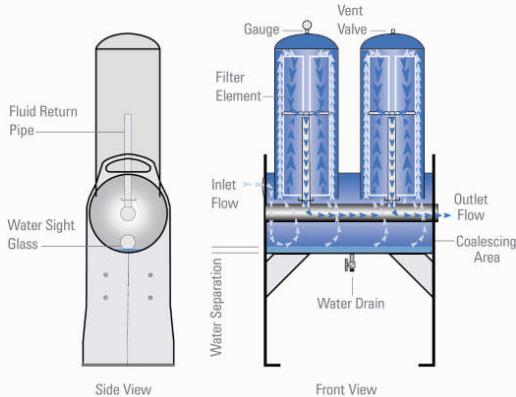


New 3-micron depth-type fuel filter. This filter will hold 8-10 lbs of solids and last many times longer than conventional pleated paper filters.



Used dirty fuel filters full of dirt, metal, bacteria, algae, microbes, sludge & other contaminants found in all diesel fuels. These are the types of contaminants that cause premature filter clogging, injector system wear, and injector failure.

Model 2075



PFS customers enjoy ultra clean water free and they are experiencing longer OEM filter life, fewer fuel related service calls, and longer injector system life.

ULTIMATE FUEL / WATER SEPARATOR

These systems are designed to use an existing dispensing pump to filter the fuel through the PFS filtration system. The centrifugal 3-micron filtration systems are designed to remove water and the majority of solid contaminants including: dirt, metal, bacteria, algae, microbes, sludge, and other solids.

US Patent #5271850

PRODUCT FEATURES AND BENEFITS:

- * Centrifugal water separation
- * Water drain and sight glass
- * 3-micron depth-type filter element
- * Long depth-type filter life
- * Suction or pressure side install
- * Patented proven product
- * Used on diesel fuels and bio-diesel
- * Longer OEM filter life
- * Longer pump and injector life
- * Longer engine life
- * Higher engine performance
- * Less downtime and lower costs
- * Often times better fuel economy
- * PFS filter should last 150,000 + gallons of filtered fuel.
- * Ultra clean fuel 100% of the time
- * No more premature filter clogging
- * Used by the US Military & OEM's
- * Protects Tier II and Tier III engines
- * Removes water, bacteria, algae, microbes, and other solids.
- * Meets OEM fuel cleanliness

How do the centrifugal systems work?

The fuel enters the filtration housing and immediately starts to rotate in a downward motion, the centrifugal force causes the heavier solids and free water molecules to separate from the fuel and settle to the bottom of the housing. The fuel then flows upward through a 3-micron depth-type filter element where the majority of the solid contaminants are trapped inside the filter element. If there is free water still remaining in the fuel it will be absorbed by the filter during this process. The filtered fuel then flows through the center return pipe and ultra clean fuel exits the housing.

Water sight glasses, gauge, and a ball valve drain are all standard features. Water sensors, pressure sensors, and pump & motor systems are available.

Why do I need better filtration?

Your current dispensing pleated paper filters are not efficient enough to clean the fuel and they provide very little water protection. The newer engines require ultra clean water free fuel to help eliminate premature filter clogging and fuel injector system failures.

What are the industry fuel cleanliness standards?

We have spoke to the leading OEM's and the leading fuel testing labs around the United States and they all have similar fuel cleanliness standards. The maximum allowable contamination is ISO 20/19/15 and the recommended fuel cleanliness level is between ISO 19/16/12 to 16/14/12.

How often do your filters need to be replaced?

Most of our customers are changing filters every six months. We have some customers filtering 200,000 to 350,000 gallons in between filter changes.



Vital Protection for Machines Since 1981



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OUR PRODUCTS ARE ALSO USED BY AND RECOMMENDED BY SOME OEM MANUFACTURERS



Model 1075 filtering gasoline for a large construction company; they also use our systems for jet fuel, bio-diesel, and #2 diesel.



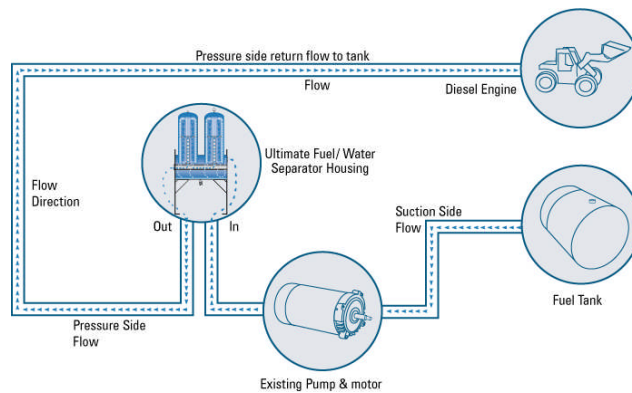
Model 2075 filtering on-road diesel and off-road diesel fuel for this customer. They are experiencing longer OEM filter life and fewer service calls related to dirty fuel.



Model 3075 filtering the fuel for several stand-by generators. The product ensures ultra clean fuel when they need it. No premature filter clogging.



Model 5075 filtering off-road diesel fuel. Longer engine life, filter life, and injector life. Great product!



MODEL NUMBER	MAX. FLOW RATE	H2O HOLDING CAPACITY	FILTER ELEMENT	MICRON RATING	SIGHT GLASS
1075	15 GPM	1.5 GALLONS	(1)- 3914	3-MICRON	INCLUDED
2075	26 GPM	3 GALLONS	(2)- 3914	3-MICRON	INCLUDED
3075	39 GPM	5 GALLONS	(3)- 3914	3-MICRON	INCLUDED
4075	52 GPM	6 GALLONS	(4)- 3914	3-MICRON	INCLUDED
5075	65 GPM	8 GALLONS	(5)- 3914	3-MICRON	INCLUDED
6275	78 GPM	10 GALLONS	(6)- 3914	3-MICRON	INCLUDED



* Ultra clean fuel *

* Each filter holds 8-10 pounds of solids *

* Smaller and larger systems are available *



US Military C-300 refueling truck installed with an Ultimate Fuel / Water Separator Model 6275 filtering bio-diesel.

They are positive ultra clean, dry fuel is going into their equipment and machinery to keep our troops going.



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