



**PERFECT  
FILTRATION**  
SYSTEMS

**SPECIFICALLY DESIGNED TO FILTER FUEL FOR STAND-BY GENERATORS AND BULK STORAGE FUEL**

## ULTIMATE FUEL / WATER SEPARATORS



The recirculating fuel filtration systems are designed to remove **99.9% of the water and the majority of solid contaminants including: dirt, metal, bacteria, algae, microbes, sludge, and other solid particulate.** Systems include: filter housing, filter(s), pump, motor, gauge, water sight glasses, and water drain.

### PRODUCT FEATURES AND BENEFITS:

- \* Removes 99.9% of the water
- \* Removes bacteria, algae, microbes, sludge, and other contaminants
- \* 3- micron absolute filter
- \* Long depth-type filter life
- \* Filters fuel cleaner than new
- \* Vital Protection for Machines
- \* Fewer fuel additives
- \* Clean dependable fuel
- \* Longer pump and injector life
- \* No more premature filter clogging
- \* Run continuously or intermittent
- \* Systems from 1 gpm to 100 gpm.
- \* Quick return on your investment
- \* Easy installation & filter servicing
- \* System design for any application
- \* Ultra clean fuel all the time
- \* Meets & exceeds cleanliness standards
- \* Used and recommended by OEM'S
- \* U.S. Patent # 5271850
- \* No more worries about dirty fuel and engine dependability

### How do the recirculating systems work?

The system uses centrifugal force, absorption, and direct interception to remove the water and solid particles from the fuel. The fuel is drawn out of tank by the pump. The fuel enters the filter housing and immediately changes direction in a centrifugal downward motion. The majority of the free water and heavier solids are separated from the fuel flow prior to reaching the filter element. (The water can be viewed through a sight glass and drained off when necessary). The fuel then enters the filter chamber where it is filtered through a patented 3-micron depth-type filter designed to hold 8-10 pounds of solids and up to 1 gallon of water each. After the fuel is filtered it is returned back into the tank ultra clean and water free.

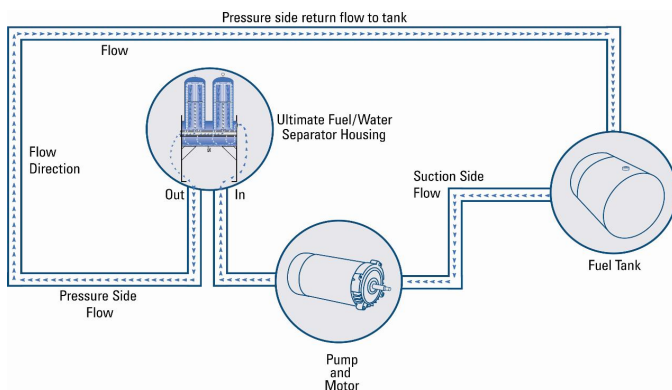
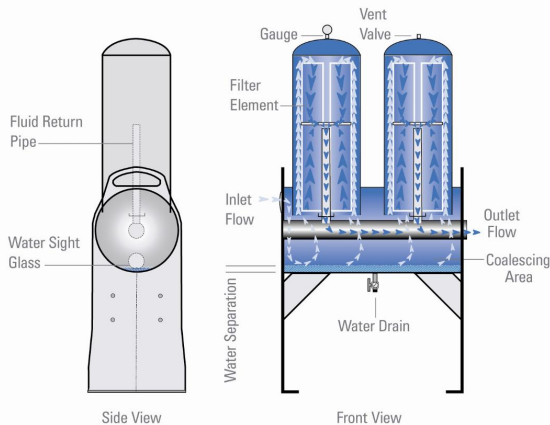
### Who is using your systems?

The U.S. Military and some OEM manufacturers in the marine and stand-by generator industries use our systems. Our customers understand the need for ultra clean water free fuel when their customers need it most. Generator dependability is crucial to our customers and distributors. Consult PFS for OEM referrals.

### Why is bulk storage fuel tank filtration necessary?

Because in most cases the fuel sits for long periods of time and accumulates moisture (water) which promotes bacteria, algae, and microbial growth in the fuel, before to long sludge forms in the bottom of the tank. It is vital to recirculate the fuel and have it filtered through a high quality micron filtration system on a regular basis to ensure the fuel is clean and water free when you need it the most. These systems will virtually eliminate premature filter clogging and downtime related to dirty fuel.

Model 2075



**Vital Protection for Machines Since 1981**

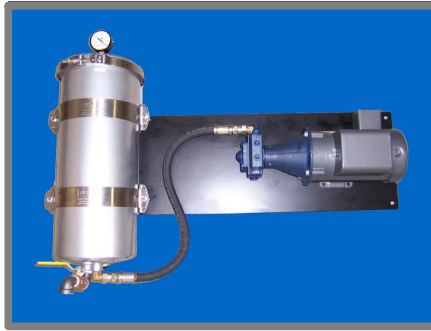


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**THESE SYSTEMS ARE INSTALLED AND RECOMMENDED BY SOME OEM'S**



Model 290-5-SM (5 gpm)



Model 290-5-WM (5 gpm pump-Wall mount)



Model 1075-10 (10 gpm)



Model 3075-30-2 (30 gpm)



Model 4075-40 (40 gpm)

**All models include: housing(s), filter element(s), pump, motor, gauge, sight glass, and water drain.**

**System options include: Water sensors, pressure sensors, timers, alarms, smart box controls, and bag filter housing.**

**Systems can operate continuously or intermittently**

**Systems remove water, bacteria, algae, sludge, dirt, metal, and other solid contaminants found in diesel fuels**



**Ultra clean water free fuel 100% of the time**



3-micron absolute filter designed to hold high amounts of solid particulates. Each filter will hold 8-10 pounds of solids.

"These filters will last many times longer than conventional pleated paper filters".



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*"Fluid Handling Specialists"*

**D.J. Shubeck Company**

**3111 Stage Post Dr., Suite 101; Bartlett, TN 38133**

**Phone: 901-372-2400 Fax: 901-372-4777**

**Email: steveschneider@djshubeck.com**