



**PERFECT  
FILTRATION**  
S Y S T E M S

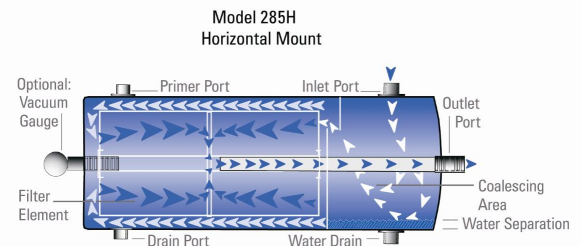
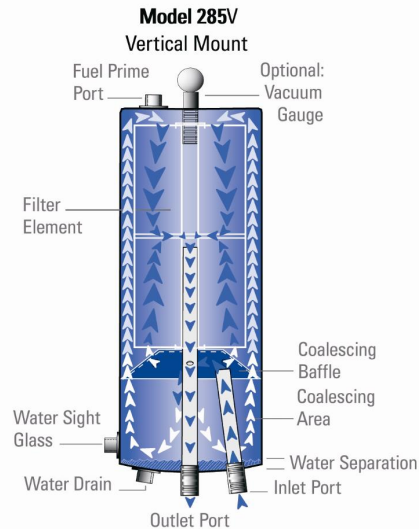
## ULTIMATE FUEL / WATER SEPARATORS

**EVERYONE KNOWS THE #1 CAUSE OF FUEL INJECTOR FAILURE, PREMATURE FILTER CLOGGING, ENGINE COMPONENT WEAR, AND EXPENSIVE DOWN TIME IS CAUSED BY WATER AND SOLID PARTICLES BELOW 10 MICRON IN SIZE.**

**THE ULTIMATE FUEL / WATER SEPARATORS WILL REMOVE THESE HARMFUL CONTAMINATES!**

Heavy duty black powder coated housing with bolt down cover, stainless steel internal wetted parts, vacuum gauge to help monitor filter life, fuel primer port, water sight glass, water drain valve, and check valve are all standard features.

**Best housing warranty in the industry. 10 YEARS!**



### How do the systems work?

The patented 3-micron system is designed to take out water and remove the majority of the solids, including dirt, bacteria, algae, microbes, silt, soot, sludge, metal, carbon by-products, and other solids. The PFS system acts as the primary fuel filter and is always installed on the suction side of the fuel pump. The system uses both centrifugal force and absorption to remove the water and solids from the fuel. The fuel enters the housing and hits a stainless steel baffle which causes the fuel to rotate (centrifugal force); the water and heavier solids settle to the bottom of the housing to be drained off. The fuel continues through the holes in the baffle and is filtered through a 3-micron depth-type filter. After filtration, the ultra clean fuel exits the housing and flows to the fuel pump and then to the engine.

### Why do I need better filtration?

Because your current 5 to 30 micron fuel filters do not protect against water and will not remove the extremely small solid particulates that cause the majority of the component wear and premature filter clogging. Pleated paper filters have a much shorter life compared to the large filtering surface area of the Ultimate depth-type filters.

### PRODUCT FEATURES AND BENEFITS:

- \*Two step filtration process: Centrifugal and filter chamber
- \*100% carbon steel housing with stainless steel internal wetted parts
- \*Black powder coated exterior finish
- \*Heavy duty housing with bolt down covers
- \*3-micron depth-type filter media to meet and exceed ISO cleanliness standards
- \*Gauge, water sight glass, and water drain valve all included
- \*Suction side or pressure side installation
- \*Long depth-type filter life: 30,000 miles + or 1,800 + hours in between filter changes
- \*Expect less downtime, lower maintenance costs, longer injector life, longer OEM filter life, no more premature filter clogging, & longer engine life.
- \*Made in the USA!
- \*Primary fuel filter in the system
- \*Used by the US Military & OEM's
- \*Removes water, bacteria, algae, microbes, and other solid contaminants
- \*Higher engine performance and often times better fuel economy



**PERFECT  
FILTRATION**  
S Y S T E M S

## ULTIMATE FUEL / WATER SEPARATORS



Model 285H Horizontal mount for Power stroke diesels



Model 285V



Model 290V installed for the U.S Navy LCS class



Model 285V for large construction equipment

MODEL	DIMENSIONS W X H X D	WEIGHT	ENGINE SIZING	FILTER#	MICRON RATING	FILTER PERFORMANCE	WATER CAPACITY	SOLID CAPACITY
275V	9" X 20" X 10	30Lbs	2-4 Cylinders	7130	3-Micron	B3>(c)=1000	1 Quart	1/2-1 Lb
285V	9" X 24" X 10	35Lbs	6-8 Cylinders	7134	3-Micron	B3>(c)=1000	2 Quarts	2-3 Lbs
285H	9" X 24" X 10	35Lbs	6-8 Cylinders	7134	3-Micron	B3>(c)=1000	2 Quarts	2-3 Lbs
290V	12" X 24" X 12	55Lbs	12-16 Cylinders	7434	3-Micron	B3>(c)=1000	4 Quarts	5-7 Lbs
290H	12" X 24" X 12	55Lbs	12-16 Cylinders	7434	3-Micron	B3>(c)=1000	4 Quarts	5-7 Lbs

Systems include: Housing, filter, mounting bracket, vacuum gauge, water sight glass, water drain and check valve.



Cellulose depth-type filter designed to absorb free and emulsified water and remove high amounts of solid particles. These filters will last many times longer than conventional pleated paper filters because of the large contaminate holding capacities.

**Start using a high quality filter today!**

2711 Airport Road, Suite 6  
Plant City, FL 33563  
Phone 800-864-7855  
Fax 813-659-2435  
Email: [sales@perfectfiltration.com](mailto:sales@perfectfiltration.com)  
[www.perfectfiltration.com](http://www.perfectfiltration.com)