

Fuel Dispensing Filtration

FBO-10 and FBO-14 Fuel Filter/Water Separator
For School Bus Fleet

Market Application Publication



The Challenge

N.C. Washington County bus garage, was struggling with water, dirt and bacterial contamination in their stored diesel fuel.

Why Racor was Chosen as the Solution

With the help of distributor Diesel Equipment, Washington County Bus Garage installed Racor's FBO-10-DPL on their fuel truck and FBO-14-DPL on the bulk fuel tank. The units provide easy installation, easy service and outstanding water removal capabilities. The ability to drain water and extend filter life were also great benefits. Now clean, dry fuel is delivered to the buses.



FBO-10 for Fuel Truck



FBO-14 for Bulk Tank

Contact Information

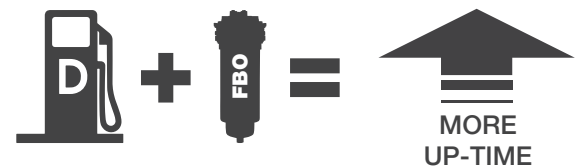
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Product Features

- Coalescing options
- High-capacity
- Ease of service
- Die-cast aluminum head
- Steel bowl assembly
- Powder coated components
- 1.5" NPT inlet and outlet ports
- Manual vent valve





ENGINEERING YOUR SUCCESS.

How the Racor Solution Protects the Engine

Fuel enters the FBO filter system, where Racor engineered media stops water and particulates. The result is clean, dry fuel being dispensed from the fuel pump. In turn, the cost effective pre-filtration system provides clean, dry fuel to engine. Several options of elements are available to meet any diesel fuel filtration requirements.



Filter Cartridge Chart

FBO	Micron Rating	Water Separator	Silicone Treated Filter	Water Absorber
 FBO-10 (6 X 10 Element)	1	FBO 60327	FBO 60330	FBO 60333
	5	FBO 60328	FBO 60331	FBO 60334
	10	FBO 60353	FBO 60354	FBO 60355
	25	FBO 60329	FBO 60332	FBO 60335
 FBO-14-DPL (6 X 14 Element)	1	FBO 60336	FBO 60339	FBO 60342
	5	FBO 60337	FBO 60340	FBO 60343
	10	FBO 60356	FBO 60357	FBO 60358
	25	FBO 60338	FBO 60341	FBO 60344

Technical Information

Specifications	Maximum Flow Rates			Clean	Change
	Diesel	Gasoline	Kerosene	Delta P	Delta P
FBO-10					
Silicone Treated Filter	25 GPM (95 LPM)	53 GPM (200 LPM)	35 GPM (132 LPM)	2.5 PSID	15 PSID
Water Separator	20 GPM (76 LPM)	32 GPM (121 LPM)	21 GPM (79 LPM)	2.5 PSID	15 PSID
Water Absorber	20 GPM (76 LPM)	45 GPM (170 LPM)	35 GPM (132 LPM)	2.5 PSID	30 PSID
FBO-14					
Silicone Treated Filter	30 GPM (113 LPM)	75 GPM (284 LPM)	50 GPM (189 LPM)	2.5 PSID	15 PSID
Water Separator	25 GPM (95 LPM)	45 GPM (170 LPM)	30 GPM (113 LPM)	2.5 PSID	15 PSID
Water Absorber	25 GPM (95 LPM)	70 GPM (265 LPM)	55 GPM (208 LPM)	2.5 PSID	30 PSID