

Portable Fuel Dispensing Filtration

FC-20-1-120V Portable Fuel Cart
For Diesel Ambulance Fleet

Market Application Publication

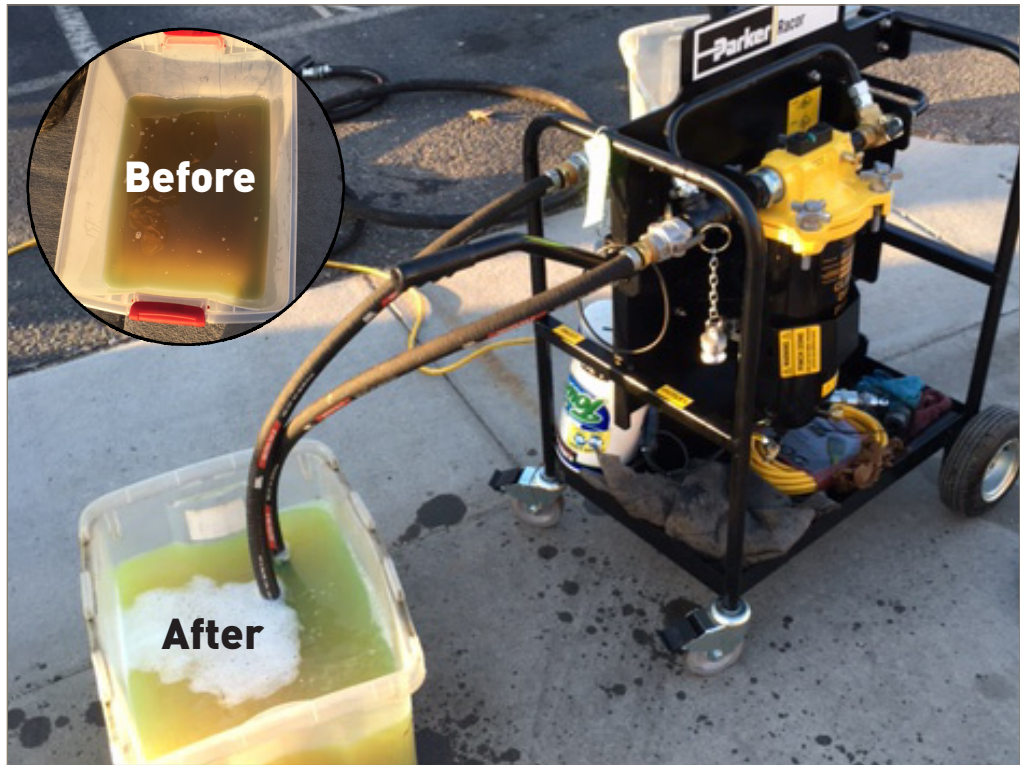


The Challenge

The Ambulance company needed a fuel filtration system that could remove contaminants and water before fueling their ambulance fleet common rail fuel systems.

Why Racor was Chosen as the Solution

Parker Racor's portable units are a cost effective way to filter diesel and biodiesel in storage or transport. The FC-20-1-120V fuel cart can easily be moved at the job-site by one person using the built-in wheels and handle. The fuel cart can polish and recycle contaminated fuel. Now, the ambulance fleet is re-fueling with clean, dry fuel.



Contact Information

Parker Hannifin Corporation
Racor Division
3400 Finch Road
Modesto, CA 95353

phone 800 344 3286
209 521 7860
fax 209 529 3278
racor@parker.com

www.parker.com/racor

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.

Product Features

- Includes FBO-14 FF/WS
- Versatile and portable
- Viton® seals and gaskets
- Sight glass and drain valve to detect and remove water
- Particulate removal, coalescer/separation, and water absorption filtration
- Drip pans to capture dripping fluids and prevent environmental issues
- Filter shows differential pressure for filter element changeout



ENGINEERING YOUR SUCCESS.

Specifications



Specifications	FC-16-25	FC-20-1-120V	FC-10-1
Application	power generation, fuel transfer, and fuel storage		
Replacement Filter	FBO 60338	FBO 60356	FBO 60328
Flow Rate	Up to 16 GPM	Up to 17 GPM	Up to 10 GPM
Maximum Pressure Rating	150 PSI (10 bar)		
Height	40.7 in. (103.8 cm)	33.3 in. (84.6 cm)	33.8 in. (85.8 cm)
Width	25.5 in. (64.8 cm)	23.7 in. (60.2 cm)	26.7 in. (67.8 cm)
Length	19.8 in. (50.3 cm)	26.0 in. (66.0 cm)	18.9 in. (48.0 cm)
Weight (dry)	107 lbs (48.5 kg)	95 lbs (43.0 kg)	125 lbs (56.7 kg)
Max. Fuel Operating Temperature	100° F (38° C)		

Features

	FC-16-25	FC-20-1-120V	FC-10-1
Enclosed Cart			•
2 Wheel Cart	•		•
4 Wheel Cart		•	
Available Bypass Valve for fluid transfer only		•	
Holding Tank			•
Additional Mesh Strainer		•	•
FBO-10			•
FBO-14	•	•	
5 micron element			•
10 micron element		•	
25 micron element	•		
120V Power Requirement		•	•
110V Power Requirement	•		
Hose Kit/Wands	•	Order FC-20-1-120V-kit for fuel cart plus kit	•
FC-20-1-120V-KIT	Fuel Polisher Cart complete with two 25 foot hoses, two 4 foot probes, and one 25 foot power cord.		