

*Our systems act as an insurance policy against bad fuel.  
You control the quality of your fuel.  
Available sizes for all tank capacities.*

Reverso oil change systems are known and trusted by diesel engine owners throughout the world. The same quality and dependability is found in our line of fuel polishing systems, which feature Separ or Racor® filters. Reverso fuel polishing systems keep fuel clean and reliable.

### Benefits

- Designed to eliminate 99% of sludge and 99.9% water separation (Certified TUV Report using SAE J1839) that can accumulate at the bottom of the tank.
- The system takes fuel from the tank and passes it through a fuel water separator, removing the bulk of large particulate and water.
- The reduction of dirty fuel going to the engine fuel system.

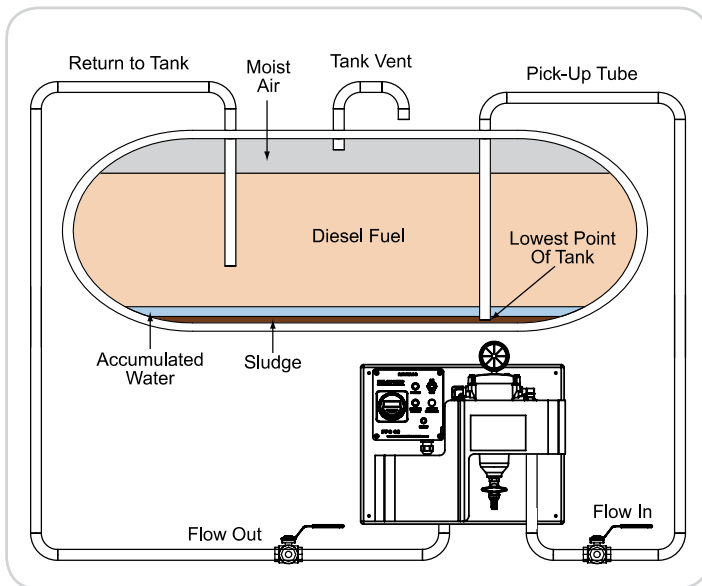
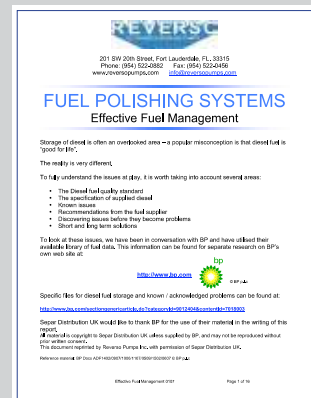


Diagram: Suggested installation with pick-up at lowest point possible in the tank, return at the highest, and fuel polishing system reasonably close.

>> Email us to request a report about the storage life of diesel fuel at: [info@reversopumps.com](mailto:info@reversopumps.com)





# Diesel Fuel Polishing System

## 80 GPH DC Separ

- Improves diesel engine fuel system reliability
- Unique service filter alarm
- Eliminates sludge and water build-up in the tank
- Reduces cost of filter maintenance
- 99.9% water separation  
(Certified TUV Report using SAE J1839)
- 99% particulate removal
- Compact Design
- Optional magnetic fuel conditioner
- Available with Mechanical or Digital Timer
- Marine version with U.S. Coast Guard-accepted metal heat deflector

### Technical Specification

Inlet	1/2" #8 JIC Male
Outlet	1/2" #8 JIC Male
Volt	12V or 24V DC
Amp. Draw	2.7A@12V, 1.4A@24V
Circuit Breaker	10A@12V, 5A@24V
Flow Rate	80 GPH (303 LPH)
Max Lift	4 ft (1.22 m)
Pump Body	Brass
Gears	Bronze
Shaft	Stainless Steel
Seal	Fluoroelastomer lip seal
Motor	DC Permanent Magnet

### Industrial Part Number Description

Digital Timer	Mech. Timer	
FPS80S17	FPS80S37	12V w/ fuel conditioner
FPS80S18	FPS80S38	24V w/ fuel conditioner
FPS80S19	FPS80S39	Reverso 12V Separ
FPS80S20	FPS80S40	Reverso 24V Separ

### Marine Part Number Description

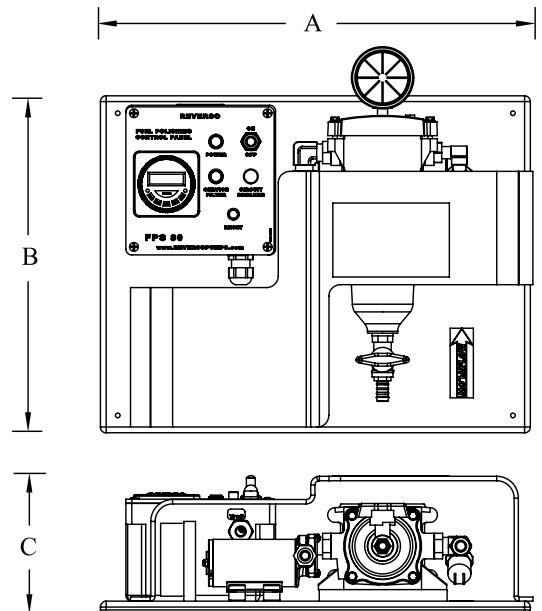
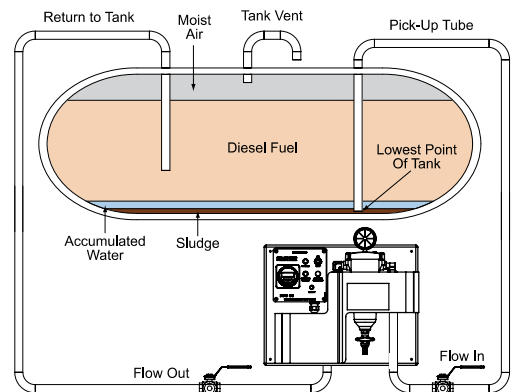
Digital Timer	Mech. Timer	
FPS80S01	FPS80S21	12V w/ fuel conditioner w/ metal heat deflector
FPS80S02	FPS80S22	24V w/ fuel conditioner w/ metal heat deflector
FPS80S03	FPS80S23	Reverso 12V Separ w/ metal heat deflector
FPS80S04	FPS80S24	Reverso 24V Separ w/ metal heat deflector

### Filter Elements Description

Filter Elements	Description
00510/50	2000/5/50 10 Micron
00530/50	2000/5/50 30 Micron (standard)
00560/50S	2000/5/50 60 Micron, stainless steel

### Model A B C Weight

Model	A	B	C	Weight
FPS-80	18.50" (469.9mm)	14.50" (368.3mm)	6.75" (171.5mm)	21 lbs (9.5kg)



Drawing dimensions for reference only.  
Technical drawings available upon request. Shown: FPS80S19

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# Diesel Fuel Polishing System

## 150 GPH DC Separ

- Unique service filter alarm
- Eliminates sludge and water build-up in the tank
- Reduces cost of filter maintenance
- 99.9% water separation  
(Certified TUV Report using SAE J1839)
- 99% particulate removal
- Compact Design
- Optional magnetic fuel conditioner
- Available with Mechanical or Digital Timer
- Marine version with U.S. Coast Guard-accepted metal heat deflector.

### Technical Specification

Inlet	1/2" #8 JIC Male
Outlet	1/2" #8 JIC Male
Volt	12V or 24V DC
Circuit Breaker	10A@12V, 5A@24V
Flow Rate	150 GPH (567.8 LPH)
Self Priming	5 ft (1.5 m) (System Primed)
Max Lift	10 ft (3.05 m)
Pump Body	Brass
Gears	Bronze
Shaft	Stainless Steel
Seal	Fluoroelastomer lip seal
Motor	DC Permanent Magnet

### Industrial Part Number Description

Digital Timer	Mech. Timer	Description
FPS150S41	FPS150S19	12V w/ fuel conditioner
FPS150S42	FPS150S20	24V w/ fuel conditioner
FPS150S43	FPS150S21	Reverso 12V Separ
FPS150S44	FPS150S22	Reverso 24V Separ

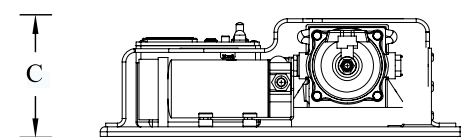
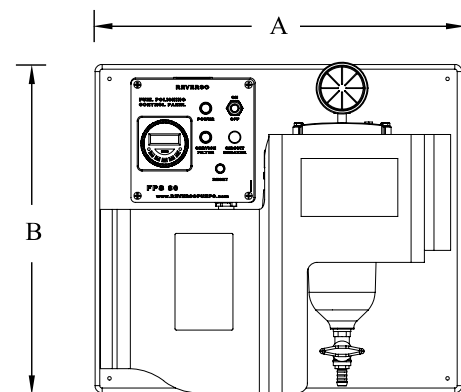
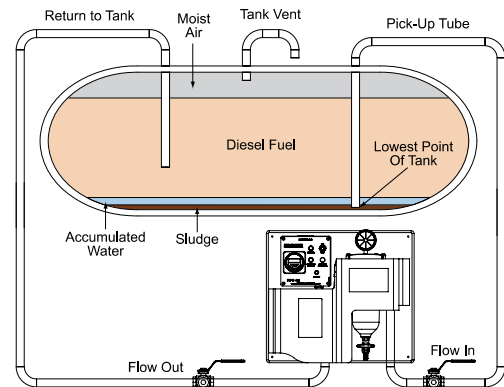
### Marine Part Number Description

Digital Timer	Mech. Timer	Description
FPS150S23	FPS150S01	12V w/ fuel conditioner w/ metal heat deflector
FPS150S24	FPS150S02	24V w/ fuel conditioner w/ metal heat deflector
FPS150S25	FPS150S05	Reverso 12V Separ w/ metal heat deflector
FPS150S26	FPS150S06	Reverso 24V Separ w/ metal heat deflector

### Filter Elements Description

Filter Elements	Description
01010	2000/10 10 Micron
01030	2000/10 30 Micron (standard)
01060S	2000/10 60 Micron, stainless steel

Model	A	B	C	Weight
FPS-150S	19" (482.6mm)	17.00" (431.8mm)	6.11" (155.2mm)	25 lbs (11.34kg)



Drawing dimensions for reference only.  
 Technical drawings available upon request. Shown: FPS150S21

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# Diesel Fuel Polishing System

## 150 GPH DC Racor

- Unique service filter alarm
- Eliminates the build-up of sludge and water in the tank
- Reduces cost of filter maintenance
- Features genuine Racor® Aqua Block® element
- Optional magnetic fuel conditioner
- Available with Mechanical or Digital Timer
- Marine version with U.S. Coast Guard-accepted metal heat deflector.

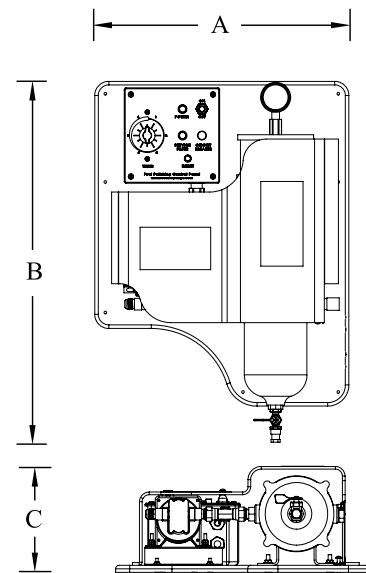
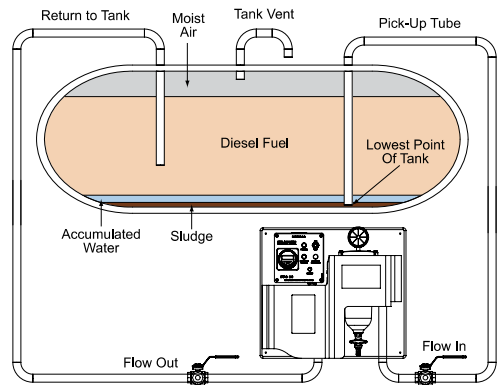
### Technical Specification

Inlet	1/2" #8 JIC Male
Outlet	1/2" #8 JIC Male
Volt	12V or 24V DC
Circuit Breaker	10A@12V, 5A@24V
Flow Rate	150 GPH (567.8 LPH)
Self-priming	5 ft (1.5 m) (System Primed)
Max Lift	10 ft (3.05 m)
Pump Body	Brass
Gears	Bronze
Shaft	Stainless Steel
Seal	Fluoroelastomer lip seal
Motor	DC Permanent Magnet

Industrial Part Number		Description
Digital Timer	Mech. Timer	
FPS150R39	FPS150R17	12V Racor® w/ fuel conditioner
FPS150R40	FPS150R18	24V Racor® w/ fuel conditioner
FPS150R41	FPS150R19	12V Racor® System
FPS150R42	FPS150R20	24V Racor® System

Marine Part Number		Description
Digital Timer	Mech. Timer	
FPS150R23	FPS150R01	12V Racor® w/ fuel conditioner w/ metal heat deflector
FPS150R24	FPS150R02	24V Racor® w/ fuel conditioner w/ metal heat deflector
FPS150R25	FPS150R03	12V Racor® System w/ metal heat deflector
FPS150R26	FPS150R04	24V Racor® System w/ metal heat deflector

Model	A	B	C	Weight
FPS-150R	18.00" (457.2mm)	25.59" (650mm)	7.50" (190.5mm)	38 lbs (17.24 kg)



Drawing dimensions for reference only. Technical drawings available upon request. Shown: FPS150R41

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# Diesel Fuel Polishing System

## 210 GPH AC Separ

- Unique service filter alarm
- Eliminates sludge and water build-up in the tank
- Reduces cost of filter maintenance
- 99.9% water separation (Certified TUV Report using SAE J1839)
- 99% particulate removal
- Compact Design
- Optional magnetic fuel conditioner
- Available with Mechanical or Digital Timer
- Marine version with U.S. Coast Guard-accepted metal heat deflector.

### Technical Specification

Inlet & Outlet	1/2" #8 JIC Male
Volt	110 or 220v AC
Amp. Draw	3A@110V, 1.2A@220V
Circuit Breaker	10A@110V, 10A@220V
Watts	140
Flow Rate	210 GPH (795 LPH)
Self Priming	5 ft (1.5 m) (System Primed)
Max Lift	30 ft (9.14 m)
Pump Body	Brass
Gears	Bronze
Shaft	Stainless Steel
Seal	Fluoroelastomer lip seal
Motor	AC Permanent Magnet

### Industrial Part Number Description

Industrial Part Number	Description
<b>Mechanical Timer</b>	
FPS210S35	110V@60Hz w/ fuel conditioner
FPS210S36	220V@50Hz w/ fuel conditioner
FPS210S37	Reverso 110V@60Hz Separ
FPS210S38	Reverso 220V@50Hz Separ
FPS-KIT-06	Replacement Memory Pack

### Marine Part Number Description

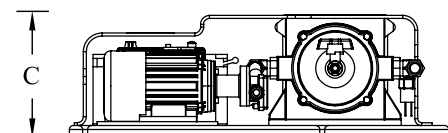
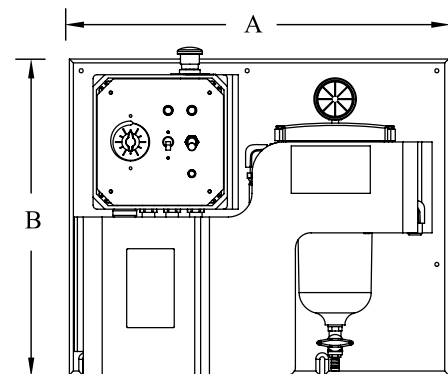
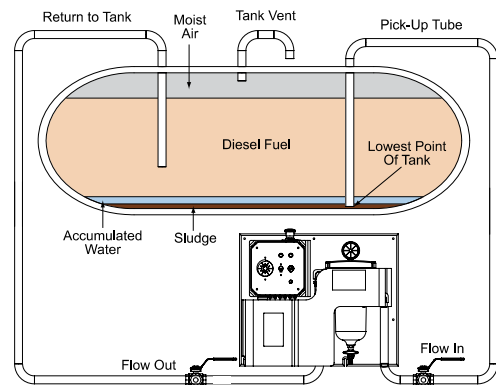
Marine Part Number	Description
<b>Mechanical Timer</b>	
FPS210S01	110V@60Hz w/ fuel conditioner w/ metal heat deflector
FPS210S02	220V@50Hz w/ fuel conditioner w/ metal heat deflector
FPS210S05	Reverso 110V@60Hz Separ w/ metal heat deflector
FPS210S06	Reverso 220V@50Hz Separ w/ metal heat deflector
FPS-KIT-06	Replacement Memory Pack

### Filter Elements Description

Filter Elements	Description
01810	2000/18 10 Micron
01830	2000/18 30 Micron (standard)
01860S	2000/18 60 Micron, stainless steel

Model	A	B	C	Weight
FPS-210	23.25" (590.6mm)	22" (558.8mm)	7.75" (196.9mm)	60 lbs(27.2 kg)

Mechanical



Drawing dimensions for reference only.  
 Technical drawings available upon request. Shown: FPS210S37

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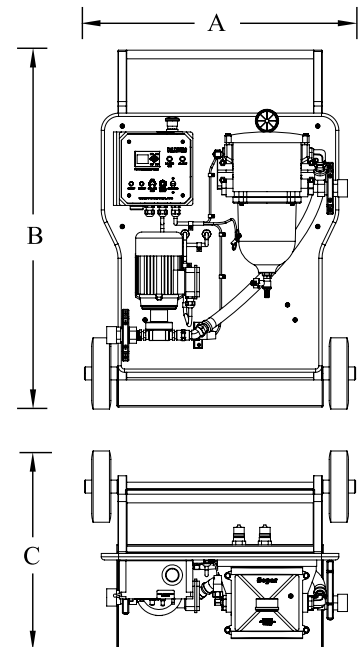
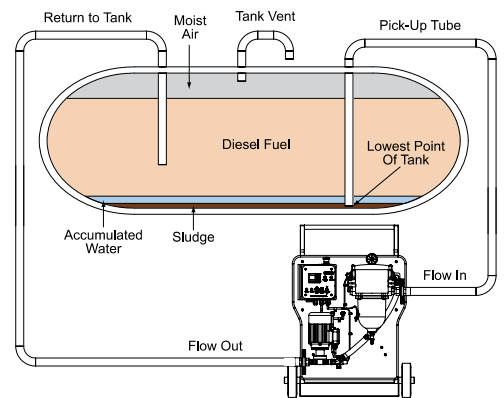
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# Diesel Fuel Polishing System

## Portable Cart Series

- Eliminates sludge and water build-up in the tank
- Reduces cost of filter maintenance
- 99.9% water separation (Certified TUV Report using SAE J1839)
- 99% particulate removal
- Portable Design
- Unique shutdown alarms for high vacuum, pressure, and water
- External emergency kill switch
- Equipped with variable speed control



Drawing dimensions for reference only. Shown: FPS-600-S01  
 Technical drawings available upon request.

### Technical Specification

	FPS-600 cart	FPS-210 cart
Volt	110V or 220v AC	110V or 220v AC
Amp. Draw	7.5A@110V, 4.8@220V	3A@110V, 1.2A@220V
Watts	750	140
Flow Rate	600 GPH (2271 LPH)	210 GPH (795 LPH)
Circuit Breaker	10A@110V, 10A@220V	
Pump Body	Brass	
Gears	Bronze	
Shaft	Stainless Steel	
Seal	Fluoroelastomer lip seal	
AC Motor	110V@60Hz, 220V@50/60Hz	
Self Ventilated Continuous Duty Motor overload protected		
Harsh Environment Enamel Protected		

Part Number	Description
FPS-600S01	110V portable system, digital timer
FPS-600S01-02	220V@50Hz (standard; specify if 60Hz is desired) portable system, digital timer
FPS-KIT-06	Replacement Memory Pack
FPS210S11	110V portable system, mechanical timer, w/ fuel conditioner
FPS210S12	220V@50Hz (standard; specify if 60Hz is desired) portable system, mechanical timer, w/ fuel conditioner
FPS210S13	110V portable system, mechanical timer
FPS210S14	220V@50Hz (standard; specify if 60Hz is desired) portable system, mechanical timer

Filter Elements	Description
04010	FPS-600 10 Micron
04030	FPS-600 30 Micron
04060S	FPS-600 60 Micron, stainless steel
01810	FPS-210 10 Micron
01830	FPS-210 30 Micron
01860S	FPS-210 60 Micron, stainless steel

Model	A	B	C	Weight
FPS-600 cart	31.38" (796.9mm)	41.75" (1060.45mm)	23.0" (584.2mm)	175 lbs (79.4 kg)
FPS-210 cart	31.38" (796.9mm)	41.75" (1060.45mm)	23.0" (584.2mm)	90 lbs (40.85 kg)

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# Diesel Fuel Polishing System

## NEMA 3R Vented Enclosure Series

- Unique service filter alarm
- Eliminates sludge and water build-up in the tank
- Reduces cost of filter maintenance
- 99.9% water separation  
(Certified TUV Report using SAE J1839)
- 99% particulate removal
- Vented NEMA 3R Enclosure
- Digital timer



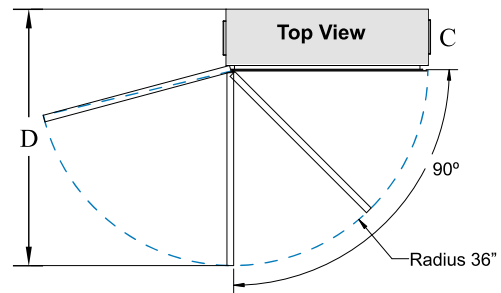
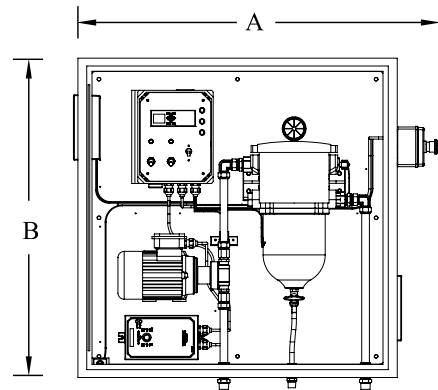
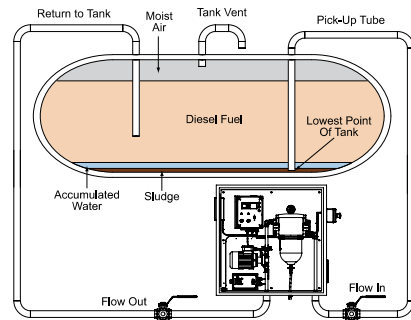
### Technical Specification

	FPS-600S02	FPS-210S34
Volt	110V or 220V AC	110V or 220V AC
Amp. Draw	7.5A@110V, 4.8@220v	3A@110V, 1.2A@220v
Watts	750	140
Flow Rate	600 GPH (2,271 LPH)	210 GPH (795 LPH)
Circuit Breaker	10A@110V, 10A@220V	
Pump Body	Brass	
Gears	Bronze	
Shaft	Stainless Steel	
Seal	Fluoroelastomer lip seal	
AC Motor	110V@60Hz, 220V@50/60Hz	
Self Ventilated Continuous Duty Motor overload protected		
Harsh Environment Enamel Protected		

Part Number	Description
FPS-600S02	220V@50Hz (standard; specify if 60Hz is desired)
FPS-600S02-01	110V@60Hz
FPS-210S34-24	220V@50Hz (standard; specify if 60Hz is desired)
FPS-210S34-23	110V@60Hz
FPS-KIT-07	Replacement Memory Pack

Filter Elements	Description
04010	FPS-600 10 Micron
04030	FPS-600 30 Micron
04060S	FPS-600 60 Micron, stainless steel
01810	FPS-210 10 Micron
01830	FPS-210 30 Micron
01860S	FPS-210 60 Micron, stainless steel

Model	A	B	C	D	Weight
FPS-600S02	40.75" (1,022 mm)	38.2" (972 mm)	14.12" (359 mm)	36" (914 mm)	200 lbs (91 kg)
FPS-210S34	40.75" (1,022 mm)	38.2" (972 mm)	14.12" (359 mm)	36" (914 mm)	200 lbs (91 kg)



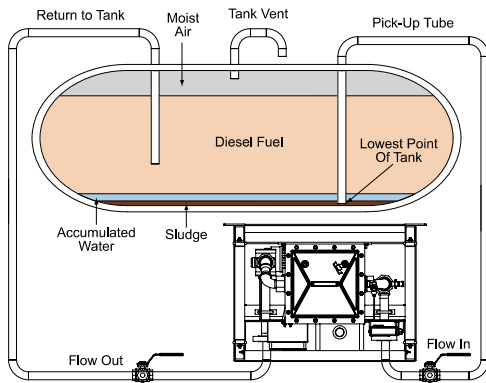
Drawing dimensions for reference only.  
 Technical drawings available upon request. Shown: FPS-600-S02

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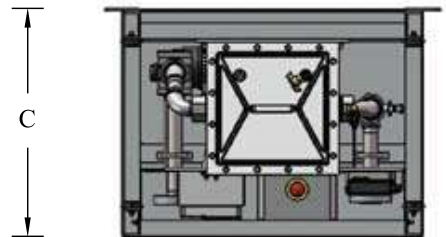
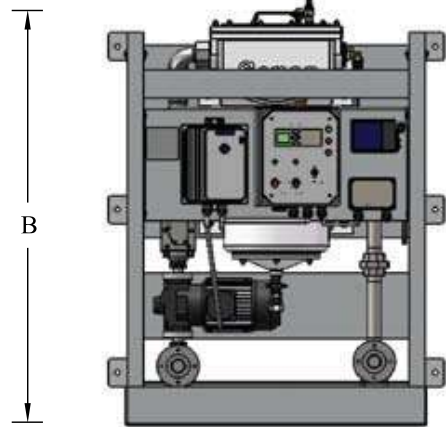
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- Unique service filter alarm
- Eliminates sludge and water build-up in the tank
- Reduces cost of filter maintenance
- 99.9% water separation  
(Certified TUV Report using SAE J1839)
- 99% particulate removal
- Digital timer
- Runs unattended



← A →



### Technical Specification

Volt	110V@60Hz, 220V@50 Hz Single Phase
Amp. Draw	9A@110V, 9A@220V
Circuit Breaker	10A@110V, 10A@220V
Flow Rate	1,600 GPH (6,000 LPH)
Max Lift	16.4 ft (5 m) with foot valve
AC Motor	3-Phase with Variable Speed Control IP55 rated Rotary Vane
Pump Body	Cast-Iron
Frame	3" Channel 1.62 lbs

Part Number	Description
FPS-2000S01	110V, Single Phase
FPS-2000S02	220V, Single Phase
FPS-KIT-07	Replacement Memory Pack

Filter Elements	Description
01810	10 Micron x 4 per system
01830	30 Micron (standard) x 4 per system
01860S	60 Micron, stainless steel x 4 per system

Model	A	B	C	Weight
FPS-2000	36" (914mm)	45.95" (1,167mm)	24.37" (619mm)	315 lbs (142.9 kg)

Drawing dimensions for reference only.  
Technical drawings available upon request. Shown: FPS-2000S01