

BDFP | Bulk Diesel Filter, Panel Mount



FAST Fifteen

Give us 15 - we will give you targeted fluid cleanliness concepts for your machine.

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The Need for Better Fuel Polishing Systems

- Today's More Challenging Fuel
 - Higher Potential for Water
 - Less Stable in Storage
- More Critical Contamination
 - Water, Microbes, Acidity
 - Rust, Scale, Dust
- Filtration Technology
 - Cellulose vs. Synthetic
 - Water Removal Technology
 - Particulate Filtration



Figure 1. Generator Fuel Storage Tanks



Introduction to the BDFP

- Turn-Key, Basic Filtration System
- Multiple Use Applications
 - Fuel Polishing – Kidney Loop
 - Fuel Dispensing – Bulk Fuel Tank
 - Fuel Transfer Filtration – In/Out of Storage
- Low Cost Premium Filtration
 - Allows for Integration of Value-Add Controls
 - Private Labeling – Brand & Revenue Protection



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Introduction to the BDFP

- Flexible Configurations
 - Electric or AODD
 - 14 to 25 GPM Flow Rates
 - 115 or 208-230 VAC
- Leading Filtration Technology
 - 3 or 1 micron @ >99.5%
 - >99.5% Water Removal
 - Patent Protection

Flow Rating:	Electric Motor Option: 14 gpm or 25 gpm (53 or 95 L/min) Air Operated Option: 16 or 25 gpm (53 or 95 L/min)	
Ambient Temperature Range:	32°F to 104°F (0°C to 40°C) Standard; -20°F to 104°F (-29°C to 40°C) Heater Option	
Bypass Indication:	<u>Particulate Filter</u> Electric Motor: 35 psi (2.4 bar) Air Operated: 25 psi (1.7 bar)	<u>Coalescing Filter</u> Electric Motor: 35 psi (2.4 bar) Air Operated: 15 psi (1.0 bar)
Bypass Valve Cracking:	<u>Particulate Filter</u> Electric Motor: 40 psi (2.8 bar) Air Operated: 30 psi (2.1 bar)	<u>Coalescing Filter</u> Electric Motor: 40 psi (2.8 bar) Air Operated: 20 psi (1.4 bar)
Materials of Construction:	<u>Particulate Filter</u> Porting Head: Cast Aluminum, Anodized Element Bowl: Aluminum, Anodized	<u>Coalescing Filter</u> Porting Head: Cast Aluminum, Anodized Element Bowl: Aluminum, Anodized Sump: Cast Aluminum, Anodized
Weight:	130 - 150 lbs. (59 - 68 kg)	
Element* Change Clearance:	GHPF: 2" (51 mm) GHCF: 4" (102 mm)	
Operating Frequency:	60 Hz	
Operating Phase:	Single	
Full Load Amperage @ Operating Voltage:	13.4 A @ 115 VAC 7.2-6.7 A @ 208-230 VAC	
Service Factor Amperage @ Operating Voltage:	15.2 A @ 115 VAC 8.1-7.6 A @ 208-230 VAC	



Value of the BDFP

- Retained Service Revenue
 - Private Labeling – Elements, Labels, & Colors
 - Patent Protected Element and Filtration Technology
- Allow For Integration of Upsell-Capable Features
 - Can Incorporate System Controls = Product Differentiation
 - Optional Features Include Automatic Water Drain System
- Superior System Performance
 - Carefully Chosen Materials of Construction – Stainless Steel, Anodized Aluminum
 - High Performance Filtration – Fully Synthetic Media

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- Mention “Fast Fifteen” in the comments section and a representative will be in touch

