

In-Line Water Absorbing Fuel Filter | BDFA1 & BDFA2

Introduction

The BDFA1 and BDFA2 provide exceptional single-pass diesel filtration and continuous water removal. The BDFA1 and BDFA2 protect the latest in high pressure, common rail diesel injectors. Both filters combine Schroeder's fully synthetic Excellement® Z-Media™ in a particulate pre-filter, the KL3, with our fast-acting water absorbing filter, IRF, to fully protect vital diesel engines from dirt and water. The BDFA1 and BDFA2 were designed expressly for customers who are looking for Advanced Fluid Conditioning Solutions™ to protect their investment in Tier III and new Tier IV diesel engines. Long term savings and piece of mind come from implementing the latest fuel cleanliness standards and practices.

The BDFA1, 16 gpm (60 L/min) and BDFA2, 32 gpm (120 L/min), are ideal for fuel dispensing operations. The filters can be installed on the inlet or outlet of a diesel fueling dispenser or in-line, between the storage tank and the dispenser. The BDFA1 is also perfect for generator sets in a single-pass or kidney loop installation. When emergency power is required, you cannot let fuel quality get in the way of reliable diesel generator operation.

Features

- Two-stage filtration for dirt and water removal
- Particulate filtration at 1 or 3 microns utilizing Excellement® Z-Media™ (synthetic) element
- Water removal element capable of removing free and emulsified water.
- Highly efficient absorption of free water with the aid of a 'super absorber' embedded in the filter material
- Dirt alarms are standard on both filters, to alert user when elements must be changed out.
- Can be installed upstream (suction side) or downstream (pressure side) of transfer pumps
- Mounting plate for easy installation



BDFA1KKZXXVVM



BDFA2KKZXXVVM

Schroeder
INDUSTRIES

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Technical Data

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| Inlet / Outlet Connection Size: | 1" NPT female thread | |
| Flow Rating: | BDFA1: up to 16 gpm (60 L/min) BDFA2: up to 32 gpm (120 L/min) | |
| Max. Operating Pressure: | 100 psi (7 bar) | |
| Temperature Range: | -20°F to 165°F (-29°C to 74°C) | |
| Bypass Setting: | <u>Particulate Filter</u> 30 psi (2 bar) | <u>Water Absorbing Filter</u> 25 psi (1.7 bar) |
| Materials of Construction: | <u>Particulate Filter</u> Porting Head/Cap: Cast Aluminum Element Case: Steel | <u>Water Absorbing Filter</u> Porting Head/Cap: Anodized Aluminum Element Case: Steel |
| Weight: | BDFA1: 45 lbs. (20.4 kg) BDFA2: 90 lbs. (40.8 kg) | |
| Element Change Clearance: | 20" (508 mm) | |

Markets / Applications

- Bulk Fuel Filtration
- Private Fleet Fuel Storage
- Emergency Generators
- Construction
- Oil and Gas
- Industrial
- Mobile Vehicles
- Marine
- Mining
- Agriculture