

FIRST FOR THE FUTURE

Filtertechnik DFU-3 Fuel polishing System: Next generation fuel polishing
The complete fuel cleanliness solution!



BEFORE & AFTER

Filtertechnik's innovative DFU-3 is the complete solution for fuel contamination. With a combination of high flow rates and series dual filtration flow path, the DFU-3 provides absolute assurance that your fuel is clean dry and ready for use.

Extensively specified into:

- Plant Equipment Hire
- Mining/Quarrying
- Healthcare
- Marine
- Telecommunications
- Rail
- Broadcasting and Media

THE NEXT GENERATION

Introduction

The first in our range of heavy-duty systems, the DFU-3 offers exceptional filtration efficiency, higher flow rates and an extensive range of filter inserts to cater for the most challenging cleanup applications.

With exceptional flow rates of 140-200 L/min (8400-12000 L/hr) and high capacity fuel filter housings, the DFU-3 provides all the extra power you need to protect your fuels and get the job done in the shortest possible time. In addition to both solid and bacterial contamination being removed down to a cleanliness of ISO 18/16/13 or better, the introduction of a series flow path allows staged filtration and exceptional water removal.

Problems with water contamination? The unparalleled performance of Filtasorb2 cells removes all free water and 99.9% of entrained water to a phenomenal 100ppm or less.

For more complex applications, a full range of additional options are also available. Particle counters can be included for analysis, as well as bacterial fuel conditioners, flow meters and more. Whatever your application, we have an option to ensure your system is fully compliant to industry specifications.

Perhaps you need on-site verification of cleanliness level. Practical quick connect fittings allow for instant plug-in to the Particle Pal fuel cleanliness analyser, allowing real time results in ISO/NAS/SAE in a matter of minutes.

FEATURES

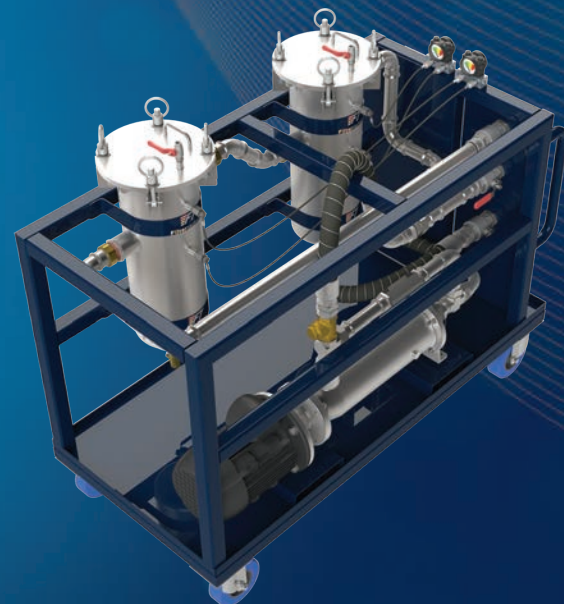
- Powerful pump with high flow rates up to 140-200 L/min
- Series flow path enabling staged filtration
- High volume dirt holding capacity to deliver ISO cleanliness codes of 18/16/13 or better
- High performance Filtasorb2 water removal cells to achieve 100ppm or better
- Extensive selection of filter cell inserts to suit every clean-up application
- Pressure gauge indication of system performance
- Water drain valve on sump of filter housing
- Rugged frame with integral drip tray
- All terrain castor wheels
- A range of optional extras available, including particle counters, flow meters and fuel conditioners
- Suitable for most modern diesel based fluids

BENEFITS

- Clean, dry fuel, ready for use when required
- Recover and re-use contaminated fuels
- Low running costs
- Single pass cleanliness
- Ideal for tank cleaning and fuel recovery



CONNECT TO YOUR PARTICLE PAL
FOR REAL TIME CLEANLINESS,
TRENDING AND ARCHIVE CREATION



Filtasorb²
Next generation
Water absorbent filtration media

UK MANUFACTURED

SPECIFIED INTERNATIONALLY



DFU-3 TECHNICAL SPECIFICATION

Model	DFU-3-110
Dimensions	700 (W) 1520 (D) 1200 (H)
Flow Rate	140-200 L/min (1,400-12,000 L/hr)
Dry weight	300 KG
Frame	Mild Steel
Finish	Powder coated
Voltage	110 VAC +10%/-6% (DFU-3-110)
Frequency	50 Hz ±2%
Current	6 Amps
Switch	Overload contactor
Power	2.2 KW
Thermal Overload	4-11 Amp
Starter contactor	Yes
Pump	Self priming progressive cavity
Duty Cycle	Continuous
Noise Level	<70dB @ 1 meter
Motor Protection	Thermal overload protection
Filtration	Filter cell for particulate & solid contamination removal to 18/16/13 or better. Water removal with Filtasorb2 down to under 100ppm. Optional magnets to pick up rust.
Bypass (Pump)	Cracking 26 psi (1.8 bar) Full Flow 32 psi (2.2 bar)
Filter Indicator	Dual Mechanical pressure differential
Pressure	4 bar max
Temperature	-5 - +55°C max
Medium	Diesel
Environment	IP55
Connections	1" BSP Ball valves

CALL US FIRST AND REQUEST MORE INFORMATION ABOUT
OUR ENTIRE RANGE OF OUR DFU FAMILY

FREEPHONE 0800 0087 456 OR EMAIL sales@filtertechnik.co.uk



Filtertechnik Ltd, 1 Central Park, Lenton Lane, Nottingham, NG7 2NR
Tel: +44 (0) 115 9003 600 Fax: +44 (0) 115 9868 875
Free Phone: 0800 0087 456 Email: sales@filtertechnik.co.uk

www.filtertechnik.co.uk