

FIRST FOR THE FUTURE



Filtertechnik DFU-4 Fuel polishing System: Next generation fuel polishing
The complete fuel cleanliness solution!



BEFORE & AFTER

Filtertechnik's cutting edge DFU-4 is the complete solution for fuel contamination. With a combination of high flow rates and series dual filtration flow path, the DFU-4 guarantees 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 second in our range of heavy-duty systems, the DFU-4 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 500 L/min (30,000 L/hr) and high capacity fuel filter housings, the DFU-4 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 500 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 for transportability
- /// A range of optional extras available, including particle counters, flow meters and fuel conditioners
- /// Suitable for most diesel, biodiesel (B100) based fuels.

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

Filtasorb 2
Next generation
Water absorbent filtration media



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



UK MANUFACTURED

SPECIFIED INTERNATIONALLY

DFU-4 TECHNICAL SPECIFICATION

Model	DFU-4
Dimensions	2260 cm (W) 1150 cm (D) 1495 cm (H)
Flow Rate	Up to 500 L/min - high flow rates available on request
Frame	Mild steel construction
Finish	Powder coated
Voltage	415 VAC (2 P+N+E)
Frequency	50 Hz ±2%
Current	32 Amps supply
Power	3 KW
Motor Protection	3 phase motors are provided with an automatic thermal protection switch
Pump	Progressive cavity
Duty Cycle	Continuous
Noise Level	<70dB @ 1 meter
Filtration	4 Filter cells for particulate & solid contamination removal to 18/16/13 or better Water removal with Filtasorb2 down to under 100ppm
Filter Indicator	Visual differential pressure/control panel
Pressure	10 bar max
Temperature	-5 - +80°C max
Medium	Diesel
Environment	IP55
Connections	2" Camlock / Valved
Over pressure safety	Electrical 3.5 Bar/ Mechanical 4 Bar

CALL US FIRST AND REQUEST MORE INFORMATION ABOUT
OUR ENTIRE RANGE OF ADVANCED SOLUTIONS
FREEPHONE 0800 0087 456 OR EMAIL sales@fildertechnik.co.uk



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