



**PM TECH RESOURCES**  
*Recycle Resources*  
*Reduce Cost*

# FIRST FOR THE FUTURE



Filtrertechnik DFU-2 Fuel Polishing System:

Next Generation efficiency, the ultimate in fuel cleanliness performance enhanced!



BEFORE & AFTER

Filtrertechnik's market leading DFU-2 is the complete solution for fuel contamination. Offering an increased capacity and a variety of additional options, the DFU-2 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 DFU-2 is the more powerful version of our entry level DFU-1, offering increased capacity and a range of enhanced options. High capacity particulate filtration principals are again expertly incorporated to ensure removal of solid and bacterial contamination down to 18/16/13 or better. Water is also removed with the unparalleled performance of Filtasorb2 cells, removing all free water and 99.9% of entrained water to an incredible 100ppm or less.

Whilst capacity is increased in the DFU-2, the system still remains within a compact footprint ensuring it is fully portable, easy to manoeuvre and will work in almost any setting.

A full range of additional options are also available on the DFU-2. 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. Should on-site verification of cleanliness levels be required, 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

- /// Lightweight and portable, perfect for mobile use and basement tank access
- /// Powerful pump with high flow rates up to 90 L/min
- /// High volume dirt holding capacity to deliver ISO cleanliness codes of 18/16/13 or better
- /// High performance Filtasorb2 inserts 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 diesel, kerosene, biodiesel (B100) and oil applications

## BENEFITS

- /// Clean, dry fuel, ready for use when required
- /// Recover and re-use contaminated fuels
- /// Low running costs
- /// Can be moved between tanks or dedicated to a single tank
- /// Single pass cleanliness
- /// Ideal for tank cleaning and fuel recovery



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

**Filtasorb<sup>2</sup>**  
Next generation  
Water absorbent filtration media



# UK MANUFACTURED

## SPECIFIED INTERNATIONALLY



### DFU-2 TECHNICAL SPECIFICATION

<b>Model</b>	DFU-2-110 / DFU-2-240	
<b>Dimensions</b>	610 mm (W) 690 (D) 1260 (H)	
<b>Flow Rate</b>	90 L/min	
<b>Dry weight</b>	95 Kg	
<b>Frame</b>	Mild Steel	
<b>Finish</b>	Powder coated	
<b>Voltage</b>	110 VAC +10%/-6%	(DFU-2-110)
	230 VAC +10%/-6%	(DFU-2-240)
<b>Frequency</b>	50 Hz ±2%	
<b>Current</b>	6 Amps	
<b>Switch</b>	Overload contactor	
<b>Power</b>	1.5 KW	
<b>Overload</b>	4-11 Amp	
<b>Starter contractor</b>	Yes	
<b>Pump</b>	Self priming vane type	
<b>Duty Cycle</b>	Continuous	
<b>Noise Level</b>	<70dB @ 1 meter	
<b>Motor Protection</b>	Thermal overload protection	
<b>Filtration</b>	Filter cell for particulate & solid contamination removal to 18/16/13 or better. Water removal with Filtasorb2 to under 100ppm. Optional magnets to pick up rust.	
<b>Bypass (Pump)</b>	Cracking 26 psi (1.8 bar)	
	Full Flow 32 psi (2.2 bar)	
<b>Filter Indicator</b>	Dual Mechanical pressure differential	
<b>Pressure</b>	10 bar max	
<b>Temperature</b>	-5 - +55°C max	
<b>Medium</b>	Diesel	
<b>Environment</b>	IP55	
<b>Connections</b>	1" BSP Ball valves	

**CALL US FIRST AND REQUEST MORE INFORMATION ABOUT OUR ENTIRE RANGE OF THE DFU FAMILY**  
**FREephone 0800 0087 456 OR EMAIL [sales@filtertechnik.co.uk](mailto:sales@filtertechnik.co.uk)**



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