

FUEL POLISHING SYSTEMS AND CABINETS



When fuel is stored for an extended period, degradation is inevitable. Filtertechnik's fuel polishing cabinets are designed to keep your fuel clean, dry and ready for use at all times. With cleanliness levels of ISO 18/16/13 or better and water removal below 100ppm, you know your fuel is in safe hands!

Extensively specified into:

- /// Data Centres
- /// Financial Services
- /// Health Care
- /// Telecommunications
- /// Government Departments
- /// Broadcasting and Media

ANY SIZE ANY SHAPE TAILOR MADE FILTRATION

Introduction

Modern diesel fuels can degrade very quickly due to the inclusion of biodiesel. Sludge, organic growth and water can form in as little time as 6 months. Degraded fuel can lead to poor performance, breakdowns and down time. A regular fuel maintenance program is paramount.



Safety First

Safety is paramount so all our cabinet filter units come with multiple safety features as standard. Rising pressures are controlled via electrical pressure switches, our pumps all have bypasses as standard. We also include a bund alarm on all units.



Fast solutions, greater savings

We understand that time is of the essence for an economical and effective fuel quality solution. With flow rates of up to 1,000 L/min, our cabinets provide perfect filtration whatever the application. Using market-leading Filtasorb2 cells, both water and particulate are removed simultaneously in double quick time.



Customised Solutions

We understand that no two applications are the same, which is why our filtration cabinets are customised to your exact needs. Are you looking for mobile or permanently mounted cabinets? Would you prefer glass-reinforced plastic or stainless steel? Whatever your requirements, we have an extensive range of options to choose from to create the right solution for you.

Design Expertise

Quality and reliability are of utmost importance to us. All our systems are built to exceptionally high standards at our UK facility and are subject to rigorous testing. Our in-house design experts will work alongside you to produce the perfect fuel/oil maintenance system. From sample and air bleed points, to advanced touch screen operation and various filter configurations, we always ensure that your system is fully compliant to industry specifications. Furthermore, full BSM integration allows our systems to be installed into your plant with ease.

Did you know?

A single fuel polishing cabinet can be configured to clean up multiple tanks on a rotational basis, perfect for applications limited on space. Using advanced timing mechanisms and motorised ball valves, just one of our systems can fulfill all of your polishing needs.

Remote Monitoring

Perhaps you aren't able to access your fuels/oils on a regular basis. The popular FuelView Telemetry system can be added to allow quick and easy monitoring of tank levels, fuel quality, condition indicators and can even activate fuel polishing remotely from anywhere in the world.



FEATURES

- /// IP55 protected unit – a wide range of enclosures available, capable of working in even the most challenging environments
- /// Solid, robust fixed installation as well as mobile options available
- /// Fitted with industry leading Filtasorb2 cells
- /// Fully programmable 7-day digital timer
- /// BMS integration

BENEFITS

- /// Ideal for remote facilities and standby generators
- /// Clean and dry fuel / oil surpassing industry cleanliness specifications
- /// Low running costs
- /// Optional real time analysis of oil/fuel cleanliness levels enabling cleaning to a pre-set ISO level
- /// Filtasorb2 to remove particulate down to ISO 18/16/13 or better and water to under 100ppm

OPTIONAL EXTRAS

- /// Fuel conditioners
- /// Particle Counter and software for live reporting and data capture
- /// Water Monitors (PPM)
- /// Water auto discharge drain
- /// FuelView Telemetry to enable remote monitoring and control from any location

UK MANUFACTURED

SPECIFIED INTERNATIONALLY

Typical Design Features include:

Performance/Filtration efficiency	Particulate contamination and microbial removal down to under 1 micron, ISO 18/16/13. Viton seals for bio-blend compatibility Sight glass to see pre and post filtration
Framing	Colour choice (RAL) to customer specification
Fuels	The cabinet range is suitable with up to B100 fuels
Water removal	Naturally coalescing – remove free water from oils and fuels, 100ppm or better using Filtasorb2 insert. Removes 100% free water and 99.9% entrained water
Filter housing construction	Stainless Steel filter housings, series or parallel flow paths
Flow rate	Up to 1,000 L/min (Series or parallel flow paths)
Pump	High performance pump specification
Construction	High quality fabrication and assembly, leak free pipework, integral drip tray, fixed or mobile installation options, isolation and non-return valves fitted where appropriate and differential pressure monitoring alongside motorised ball valve activation.
Tank connectivity	Single or multi-tank connectivity and operation
Connections	Sample points, Air bleed points, BSP, flange or camlock connections
Control Panel	Fully compliant control panel with circuit LED display options with 7 day programmable timer. Real time intelligence and an auto start/stop option (clean to dirty or dirty to clean activation options)
Installation and training	Full installation is provided if required alongside training and operational guidance.
Safety Options	Electrical pressure switch/ Over pressure protection Integral pump bypass Bund flood protection
Indication	Traffic light filter blockage indicator Siren / flashing Xenon
Communication options	BMS Scada/Modbus Telemetry
Optional extras	Flow meters Fuel conditioners Auto water discharge drain Particle counters Water sensors (real time ppm) Live trending and data capture
Enclosure options	Roller shutter, Glass re-enforced plastic (GRP), Stainless Steel cabinet, Mild Steel cabinet.
Performance	Fully compliant to all industry specifications

CALL US FIRST AND REQUEST MORE INFORMATION ABOUT OUR DIESEL/OIL POLISHING CABINETS.
FREEPHONE 0800 0087 456 OR EMAIL sales@filtertechnik.co.uk