sefiso | INDUSTRIAL

SENSORS, FILTRATION, SOLUTIONS

INDUSTRIAL

ABOUT US

SENSOR, FILTRATION, SOLUTIONS

In the course of the company's successful history, many new brands which operate in different markets have been founded and acquired on a global level. In order to further strengthen our collaboration with customers and partners, we have decided to integrate our brands into a new brand.

sefiso encompasses exactly what we stand for globally: Sensors, filtration and customised solutions around the clock. sefiso makes it easier for us to better organise our corporate structures and perfectly reflect our products and services.

DIVISIONS

sefiso

- **Aviation**
  - sefiso | FAUDI aviation
  - sefiso | FAA DO BRASIL
  - sefiso | AVIFIL
  - sefiso | FAUDI aviation AMERICAS
- **Industrial**
  - sefiso | FAA Filters
  - sefiso | INDUSTRIAL
- **Digital**
  - sefiso | CONNECT
- **Training**
  - sefiso | SAE

FACTS & FIGURES

1938
The company FAUDI Feinbau GmbH was founded by the engineer Fritz Faudi in Oberursel.

1997
FAUDI moves to Stadt-allendorf. In the same year, the R&D center is buildt.

2003
Successfully completed a management buyout; Marcus Wildschütz acts as managing director for FAUDI Aviation.

2020
Founding of FAUDI Aviation Americas and entry into the U.S. market.

2021
NAFCO assets were acquired by FAUDI Aviation America Holdings, Inc., renamed FAA Filters.

2024
After acquiring NAFCO in 2021, FAUDI Aviation Americas and the rebranded FAA Filters began producing aviation filters under the newly renamed sefiso LLC.

2025
sefiso UK and Ireland subsidiaries were established

BUSINESS UNITS

AVIATION

We deliver the most innovative filtration and sensor solutions tailored to meet the evolving demands of the aviation fuel industry.
Our commitment to excellence is reflected in a comprehensive product portfolio that includes high-performance filter vessels, precision-engineered filter elements, and cutting-edge sensor technologies.
With a strong global network of trading partners and service providers, we are continuously expanding our international presence.

INDUSTRIAL

We offer advanced filtration and sensor solutions that boost efficiency, ensure fuel cleanliness, and protect critical systems. Our portfolio covers air, gas, liquid, and fuel filtration for industries including diesel, petrochemicals, manufacturing, and food processing.
With innovative monitoring technologies and proven expertise, we help customers simplify operations, reduce costs, and improve safety across demanding industrial environments.

TRAINING

We offer standardized training programs designed for aviation refuelling, fuel storage, and hydrant management.
These programs cover essential topics including product knowledge, technical specifications, and compliance with industry standards.
Our hands-on training is tailored to all operational levels, from frontline operations and management to specialized instruction using our into-plane training rig—ensuring personnel are fully equipped with the skills and knowledge needed.

DIGITAL

We integrate smart applications with advanced data management, analytics, service solutions, and scalable systems to drive modernization across industries. Our goal is to simplify operations and enhance efficiency for our customers through intelligent, connected technologies.
By offering comprehensive, cross-functional digital solutions, we enable seamless integration and real-time insights—supporting smarter decision-making and long-term operational success.

DIESEL

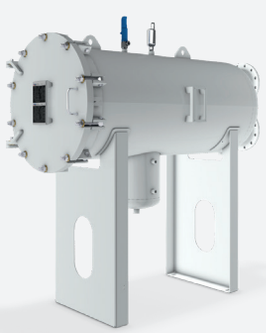
FILTER/WATER SEPARATOR

Filter/water separators comprise of a two-stage system designed to remove free water and particulates from diesel fuel at refineries, terminals, fuel depots, power generation units and mobile refuelling equipment. Filter vessels are available in vertical and horizontal configurations and with optional accessories.

VDF-CS Series

- Designed for high flow and high-volume diesel fuel filtration
- Excellent particulate and high-water removal properties
- Maximum protection for downstream sensitive injection system and fuel pumps
- Ensure fuel meet cleanliness specifications

HDF-CS Series



- Designed for high flow and high-volume diesel fuel filtration
- Excellent particulate and high-water removal properties
- Maximum protection for downstream sensitive injection system and fuel pumps
- Ensure fuel meet cleanliness specifications

VFH SERIES

- Designed to meet the toughest industrial diesel applications
- Prevent water contaminants from overloading on-board filter systems
- Prevents costly injector damage and increases operational life

MICROFILTER

Microfilter are used for the efficient removal of solids from diesel fuels. Microfilter are designed for use in industrial diesel filtration applications where high-flow rates and large volumes are required. By maintaining absolute diesel cleanliness, end users can significantly increase the life of critical wear components, minimising downtime and maximising profitability. FAUDI Diesel Microfilter are highly efficient and thus cost effective due to their large filter surface area. Filter vessels are available in vertical configuration and with optional accessories.

VDF-F Series

- Flow rate (recommended): up to 10499 lpm (2774 USgpm)
- Designed for high flow and high volume diesel fuel filtration
- Excellent particulate removal properties
- Ensure fuel meet cleanliness specifications

VFH Series

- Designed to meet the toughest industrial diesel applications
- Prevent water contaminants from overloading on-board filter systems
- Prevents costly injector damage and increases operational life

ELEMENTS

Dirt Defence Filter Vessels are designed to be compliant with procedural guidelines, applicable legal regulations and requirements of the pressure vessel regulations (AD2000, ASME, and others).

COALESCER
FDC-Type

STANDARD DESIGN
- Center tube: Polyamide, reinforced glass fibre/Epoxy coated steel
- Choice of end cap: Flat sealed or threaded base
- Outside diameter: 152 mm (6 in)

TECHNICAL DATA
- Nominal filtration: 5 µm, 10 µm, 15 µm, 20 µm, 25 µm
- Change-out differential pressure: 1.0 bar (15 psi)

APPLICATION AREAS
- Diesel

SEPARATOR
FDS-Type

STANDARD DESIGN
- High performance water removal
- Outside diameter: See datasheet

SEPARATOR SCREEN
- Teflon®-coated stainless steel mesh, reusable after cleaning

APPLICATION AREAS
- Diesel

MICROFILTER
FDF-Type

STANDARD DESIGN
- Center tube: Epoxy coated steel End caps: Polyamide, reinforced glass fibre
- Outside diameter: 152 mm (6 in)

APPLICATION AREAS
- Nominal filtration: 2 µm, 5 µm, 10 µm, 25 µm
- Change-out differential pressure: 1.7 bar (25 psi)

AIR & GAS

COMPRESSED AIR & GAS AND VACUUM FILTRATION

REAL FILTER- SEWN ELEMENT
- Improved flow capacity with no fin deformation
- Zero bypass equates to no contamination

SURE FILTER - SEWN FILTER
- Zero bypass design, full utilization of media surface area
- Suitable for high temperature and corrosive gas applications

MOLDED END
- Designed to replace existing OEM filters with high performance filter
- Double seal open radial fin design
- Heavy duty design with mesh supported media

COALESCERS
- Removes particulate and mist from air/gas stream and vacuum discharge
- Compressors, gas turbines, industrial machinery

AIR/GAS PRESSURE FILTERS & HOUSINGS

4000 SERIES AIR/GAS & VACUUM
- Designed to perform at full vacuum or 6000 psi
- Multiple closures- ASME blind flange or quick opening threaded style
- Custom designs available- ASME standards, simple, & duplex

5000 SERIES COALESCERS
- Removes aerosols & particulate from compressed air and other gas streams
- Application- protects low nox & ultra low nox burners
- Efficient filtration- removes 99.9% of solid impurities 0.3 µm and larger

INERTIAL SPIN FILTERS

1ST STAGE SELF CLEANING FILTRATION
[98% @ 15m]

Inertial Spin Filters are self cleaning filter modules made from rugged high-density polypropylene. The filter block contains a series of tubes with stationary air spinners. The filter module „spins" the incoming airflow forcing the particulate into the exhaust chamber to be drawn off by the bleed blower. The bleed blower pulls off 98% of 15m+ (80% of +5m) particles.

NAFCO® COMPRESSOR BLOWER INTAKE FILTERS

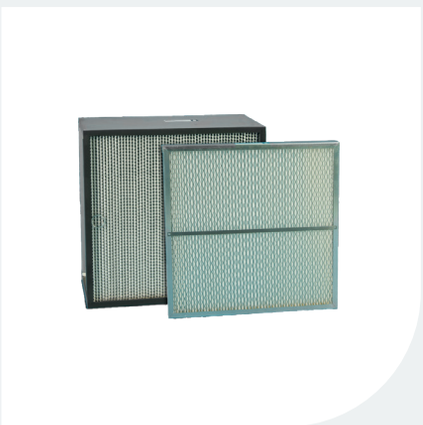
AIR INTAKES

- Standard, walk-In, round air intake
- 10 micron or 0.3 µm protection for all internals of compressors, turbines and blowers
- Customized solutions with walk-in intake capacity of up to 100,000 CFM
- Multiple round intakes for restricted space: mounted on equipment or installed on your piping

BENEFITS OF NAFCO® COMPRESSOR / BLOWER AIR INTAKE

- Multiple types of configuration
- Custom design with options such as self cleaning first stage spin filters to extend life of downstream filters
- Multi-stage design for customization of requirements
- Other options available: transmitters and/or differential pressure indicators

NAFCO® INTAKE AIR, PROCESS AIR, & GAS FILTERS



MOLDED END

- Molded end with double seal open radial fin design
- Extends equipment life by efficiently removing dust & contaminants downstream
- Heavy duty construction with mesh backing to prevent collapse

PANEL FILTERS & HOUSINGS

- Efficient media & continuous gaskets for zero bypass to protect process and costly downtime
- High dust loading results in low PSI drop and longer life

Crystal Line Corrosive Gas & Particulate Removal

- Protect compressor internal components against severe damage from corrosive gases
- Superior 4-Stage removal of corrosive gases – 99.97% efficient of 0.3 µm

INDUSTRIAL FLUIDS

REFILCO® OIL & LUBE FILTERS

PL SERIES PLEATED CELLULOSE FILTER

- Cellulose filter for protection of fluid systems
- Economical high-performance option
- App's- insulating oil, hydraulic oil, gear oil, fuels, lubricants

PLH SERIES PLEATED SYNTHETIC FILTER

- Multi layer synthetic media w/epoxy coated wireback
- Long lasting without softening/deterioration
- App's- comp & turbine oil, cutting coolants, glycols, water based fluids

PLG SERIES PLEATED FIBERGLASS FILTER

- Microglass for absolute protection w/epoxy coated wireback
- Corrosion resistant coating on metal core & end caps for harsh enviro
- App's- compressors, gas turbines, industrial machinery

PROCESS FILTRATION

MicroStream™

MICROSTREAM FILTER

ECONO SERIES

- Optimized to provide high dirt holding capacity, high flow rates and low pressure drop
- The filter cartridge is an engineered alternative to wound or spun filter technology

POSIFLOW I & POSIFLOW II

- Filter cartridges are 100% polypropylene pleated depth filters engineered for the toughest applications and containments
- The pleated melt blown media provides a bonded matrix that minimizes extractables and media migration while combining high dirt holding capacity

POLYGOLD

- Cartridges exhibit the characteristics of quality depth filters intended for use by industry as final filters
- Filter cartridges provide high dirt holding capacity and the capacity to retain a wide range of particle sizes around the rated pore size

TEFGOLD

- Cartridges are manufactured from a membrane with uniform thickness, high pore volume, controlled pore size and designed for the removal of submicron organic and inorganic particulate matter
- Particularly suited for the filtration of aggressive chemical solutions including acids, alkalis, solvents and enchants

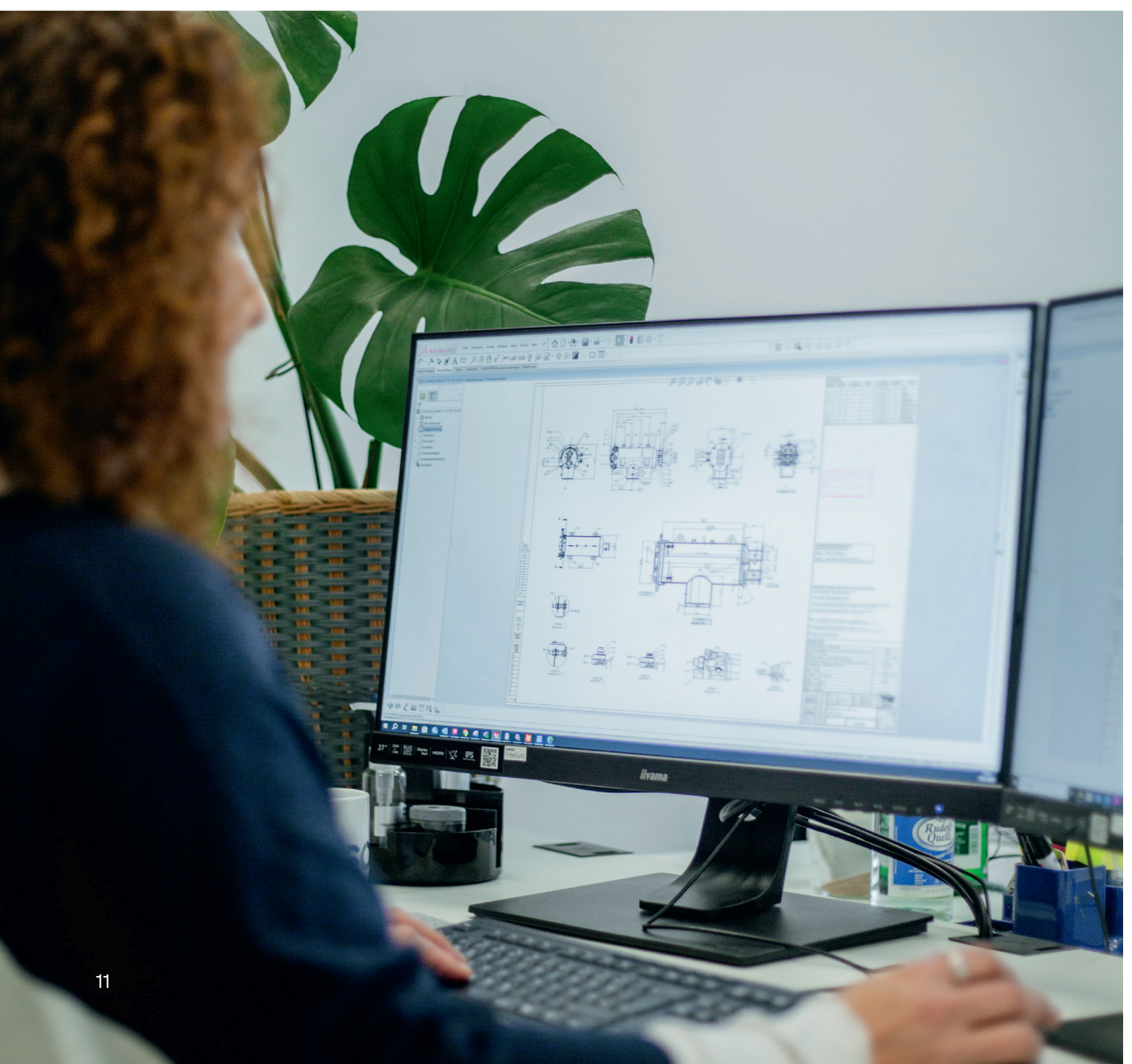
PESGOLD

- Cartridges provide high strength, long life and consistently precise particle retention across a wide range of particle sizes
- Cartridges are constructed of a multi-layer combination of filter membrane, membrane support and heavy duty outer jacket

CUSTOM ENGINEERED SOLUTIONS

Our advanced development capabilities enable us to design and manufacture customized systems precisely optimized for your unique process demands.

To explore a solution tailored to your application, contact us. Our team is ready to support your next project.



SENSOR, CONTROL & MONITORING

Pioneers in Fuel Condition Monitoring Technologies: We lead the development of innovative fuel condition monitoring, recording, and evaluation technologies. Our solutions simplify the handling of aviation fuels and the selection of filtration solutions, making them more economical and ultimately safer. Our extensive portfolio includes Electronic Water Sensors, Logic Controllers, Differential Pressure Monitoring, Water Treatment Systems, and Fuel Quality Control & Monitoring.

RESEARCH & DEVLOPMENT

MAXIMISING EFFICIENCY, PERFORMANCE AND SUSTAINABILITY

Our Research and Development is a cross-functional team that enjoys the benefit of experience in a broad range of industrial filtration applications. User-focused analysis and evaluation methods ensure solutions that are cost-effective while meeting your expected results.

sefiso's commitment to innovation is reflected in the ongoing refinement of testing methodologies and in application-oriented research, consistently establishing new benchmarks for performance, safety and sustainability.

R&D facility in Germany

SUSTAINABILITY

At sefiso, we develop products and solutions that meet the highest safety and quality requirements while actively supporting environmental protection. Our sustainability strategy is built on three core pillars: ecological, economic, and social responsibility. We focus on durable products and intelligent system solutions that deliver long-term value.

By incorporating recycled materials, reducing packaging and plastic use, and utilizing renewable energy sources at our headquarters, we minimize our ecological footprint across all stages from development to application.

We create secure jobs, promote equal opportunities, and actively support social initiatives in our region.

For us, sustainability is not a trend but a commitment. With innovation and a sense of responsibility, we work with our partners to shape a future that is both practical and worth living.

The company headquarters are in Stadtallendorf, Germany.

Offices in Colorado Springs and Newark (USA), Dubai (UAE), Singapore (Asia) and São Paulo (Brazil) as well as Dublin (Ireland) and Milton Keyes (UK).

Production in Stadt-allendorf (Germany) and Newark (USA).

Our global presence is constantly being expanded through a network of trading partners and service providers.

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