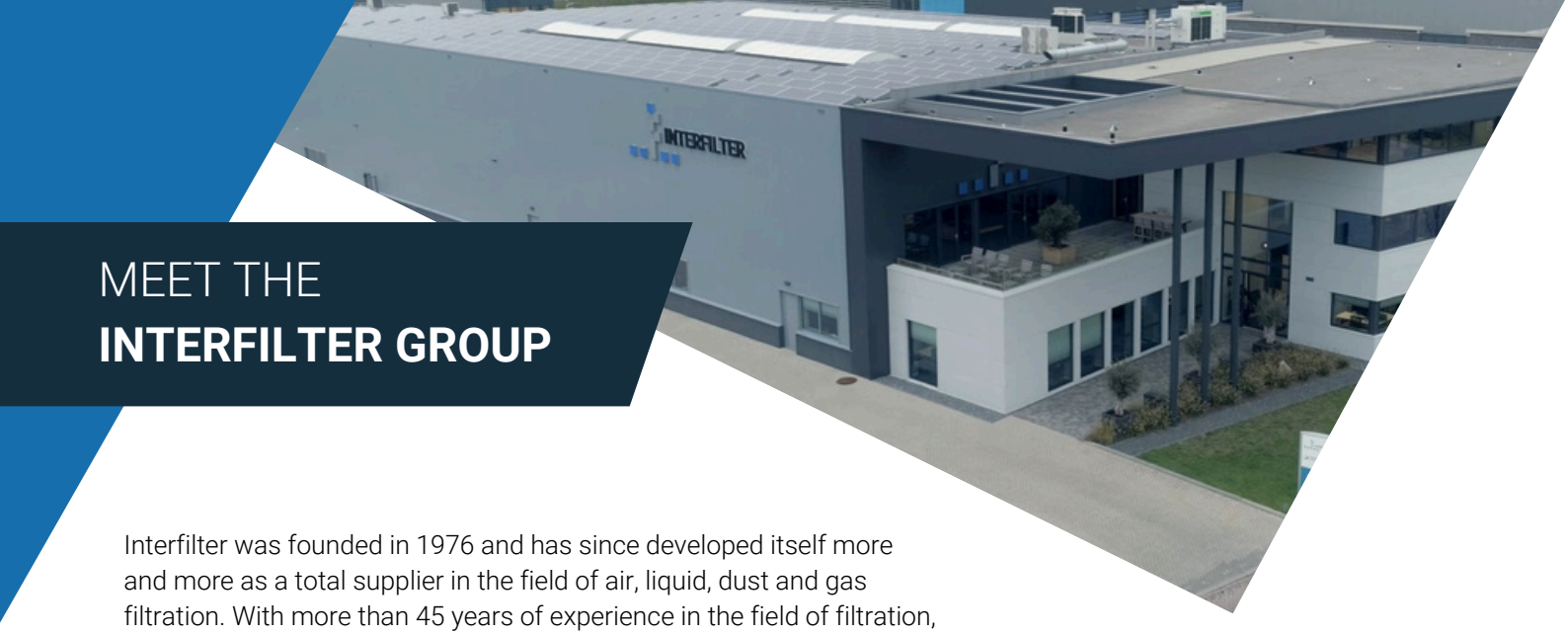
INTERFILTER Group

FILTRATION
GAS TURBINES

- Complete package of filter elements & systems
- Optimization of the filtration process
- Reduction of acquisition, waste & maintenance costs

November 2023



MEET THE **INTERFILTER GROUP**

Interfilter was founded in 1976 and has since developed itself more and more as a total supplier in the field of air, liquid, dust and gas filtration. With more than 45 years of experience in the field of filtration, Interfilter Group delivers more than just filters and accessories.

MISSION & VISION

The mission of Interfilter Group is to create a clean environment. For now and for the future. For every situation where filtration is required, Interfilter Group offers the solution. Interfilter strives for the ultimate customer experience and sustainability when it comes to its products and services. And that is why we stand for “Filtration for our Future”. With this vision, we have now grown into a leading supplier on the market.

ABOUT **US**

1976
Establishment of Interfilter
Filtration for the HVAC market

1996
Start process filtration
Filtration for industry

2020
New sustainable business premises
All electric with 450 solar panels

2022
Establishment of Interfilter Group
Interfilter & IFB join forces

2024
Acquisition of Avilo
Specialized in nitrogen & compressed air

2025
Start Interfilter Poland
Expansion to Poland

Partnership with Interfilter Group

Intensive partnership
There is always a permanent and trusted team available for you with a strong focus on your needs.

Optimization, cost reduction and engineering
Working together to achieve optimization and the most sustainable solution for your specific situation.

Superior logistics
You will receive your order packed per destination and delivered just-in-time thanks to our own production and large stock in the Netherlands.

Sustainable products, services and innovations
Thanks to our innovative character, we deliver the most sustainable products and services.

FILTRATION FOR **GAS TURBINES**

Gas turbines are used for power generation or for the mechanical drive of various processes. Gas turbines are very sensitive, which is why it's important to ensure that the machines continue to function well over a long period, which is partly dependent on effective filtration. When we look at the role of filtration in gas turbines, we see that various examples clearly demonstrate the impact of filters.

Fuel filtration
Removes harmful contaminants and optimizes combustion efficiency.

Exhaust gas filtration
Reduces the emission of nitrogen oxides and other pollutants, ensuring compliance with strict environmental standards.

Correct filter configuration
Essential for optimizing the performance of gas turbines.

Reliability
Proper filtration increases the reliability of these sensitive devices.

Filters protect gas turbines from contamination of sensitive internal components. Performance is optimized thanks to cleaner air and fuel, resulting in higher energy generation and cost savings. Additionally, filters help control emissions, making it easier to comply with environmental regulations while improving the reliability and lifespan of the turbines.

FILTERS SELECTEREN VOOR GASTURBINES

Efficiency

Filters must ensure that the air quality in the turbine remains at a high level. Proper air filtration is crucial for effectively removing harmful particles and contaminants, protecting the turbine's sensitive components. This prevents damage and allows the production process to continue uninterrupted.

Compatibility

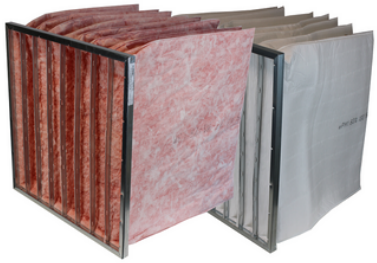
It is important that the filters are well-suited to the requirements of the gas turbines. This helps prevent wear and corrosion. By paying careful attention to this, the efficiency and lifespan of the gas turbines can be significantly improved.

Compliance

Filters must not only meet general industry standards but also the specific requirements of the gas turbine manufacturer. By closely following these guidelines, the operation of the gas turbine can be optimized and safety ensured. This minimizes risks and ensures a smooth operational process.

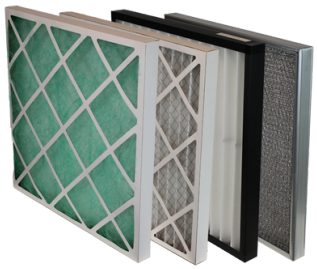
Maintenance

Regular and thorough inspections and maintenance ensure that any issues are identified and resolved promptly, allowing the filters to continue meeting the required standards. Proper maintenance extends the lifespan of the gas turbines and reduces the likelihood of unexpected and costly repairs.



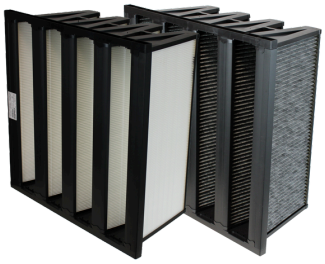
BAG FILTERS

Filter medium: Plastic, fiberglass, fiberglass-synthetic
Frame: Metal, plastic, or wood
Filter class: ISO Coarse 65% - ePM1 90%



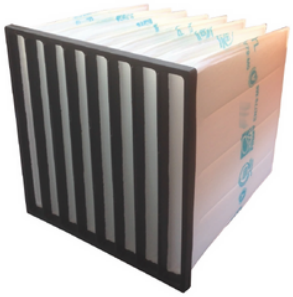
PANEL FILTERS

Filter medium: Fiberglass, cardboard, or plastic
Frame: Cardboard, plastic, MDF, or metal
Filter class: ISO Coarse 30% - ePM1 80%



COMPACT FILTERS (RPV)

Filter medium: Fiberglass paper or plastic
Frame: Plastic
Filter class: ISO ePM10 60% - ePM 85%



RP35 BAG FILTER

Filter medium: Synthetic with a progressive structure, self-supporting
Frame: Solid plastic
Filter class: ISO Coarse 70% - Coarse 80%

RP 55/65/85 BAG FILTER

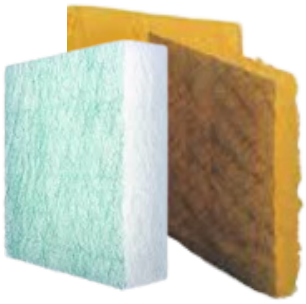
Filter medium: Synthetic with a progressive structure
Frame: Solid plastic
Filter class: ISO ePM10 50% - ePM10 85%

GT XL RPV-FILTER

Filter medium: Fiberglass minipleat
Frame: Plastic
Filter class: ISO ePM1 60% - ePM1 80%

FILTER CARTRIDGES

Description: Large filter surface area, easy to replace, long lifespan.



FIBERGLASS FILTER FABRICS

Medium: Fiberglass, progressive structure
Final resistance: 250 Pa
Filter class: ISO coarse 40%

Fuel, lubricating oil, air

Description: Filters to extend the life of engines and protect them

COMPRESSED AIR SYSTEMS

Description: Compressors, refrigeration dryers, adsorption dryers and more

COMPRESSED AIR FILTERS & HOUSINGS

Description: Filters for compressed air treatment including housings

NITROGEN GENERATORS

Description: Produce nitrogen at home with generators or membranes

Stay informed about developments in the field of filtration. Scan the QR-code and follow us on LinkedIn.

INTERFILTER Group

More information about our products? Feel free to contact us.

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