



viledon®
filterCair

THE SERVICE PROGRAM FOR MAXIMUM DEDUSTING EFFICIENCY

INDIVIDUAL COMPLETE SOLUTIONS
FOR YOUR DUST REMOVAL UNITS

FREUDENBERG
FILTRATION TECHNOLOGIES

 **FREUDENBERG**
INNOVATING TOGETHER



ALWAYS ON THE SAFE SIDE

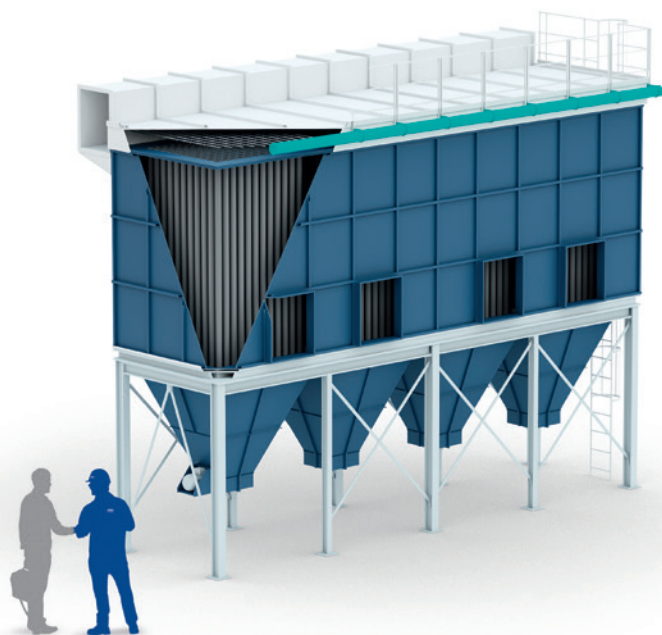
FREUDENBERG ENSURES OPTIMAL DUST REMOVAL PROCESSES

Get the most out of your dust removal unit. Put your trust in cost-efficient filter solutions from Freudenberg and Viledon® filterCair – the service offering for optimizing, servicing and maintaining dust extraction systems.

A customized solution is a must for efficient and trouble-free dust removal processes. Our tailor-made dedusting concepts are ideal for environmental, occupational and system protection tasks as well as for product recovery. Depending on your individual requirements and the prevailing dust conditions, we will work together with you to identify the most suitable filter media and elements for emission control.

To achieve maximum efficiency with your dust removal system, we recommend the services from our Viledon® filterCair service portfolio, which will ultimately save you money. Viledon® filterCair is a unique filter management system tailored to your needs that ensures maximum benefit from the high-quality Viledon® filter elements used in dedusting applications.

The choice is yours: simply combine our Viledon® filterCair modular solutions or arrange an individual service contract for your air quality management needs.



+

Your advantages at a glance

- Greatest possible increase in the efficiency of your dust removal unit
- Continuous monitoring for maximum operational dependability
- Individual documentation for external certifications and audits
- Simplified ordering processes
- Full cost control
- Viledon® filterCair expertise for optimum dust removal processes

+

+

+

REGULAR INSPECTIONS AND SERVICES DIRECTLY ON SITE

COMPLETE AIR QUALITY MANAGEMENT WITH VILDEON FILTERCAIR

In addition to the modules, Viledon® filterCair also offers individual service contracts for complete air quality management. Viledon® filterCair experts carry out on-site inspections and measurements at regular intervals to ensure the optimum performance of your dust removal system. At the same time, we are always at your side with help and advice on technical questions.

As part of the monitoring and maintenance of your plant, we prepare visit reports containing all measures taken and the results of the measurements, along with detailed recommendations on what action to take for your process. Furthermore, we can also assume responsibility for the storage, disposition and stocking of the filter elements.

We would be happy to advise you. Simply get in touch. Together, we will find the right module or individual solution for your dust removal unit:



+49 (0) 6201 80-6264



filtercair@freudenberg-filter.com

Further filterCair Services

- Regular on-site visits by our service technicians
- Continuous plant documentation
- Storage and disposition of filter elements
- Customer-specific service plans incl. filter stocking



VILEDON FILTERCAIR SERVICE MODULES

TAILOR-MADE SERVICE PACKAGES FOR YOUR NEEDS

With the Viledon® filterCair modular solutions, we offer you a comprehensive selection of application-specific services that can also be individually combined with each other.



FILTER CHANGE MODULE

Scope of services:

- Planning and organization of the filter change
- Supply of high-quality filter elements for emission control
- Thorough cleaning of the filter chamber
- Professional and quick replacement of filter plates, cartridges or bags
- Assessment of the system components, e.g. inspection of the support baskets
- Acceptance of the newly equipped filter system
- Disposal of used filter elements (optional)
- Supply of high-quality pre-filters and fine filters (e.g. for oil mist separation)



STATUS ANALYSIS MODULE

Scope of services:

- Thorough status analysis of your dust removal unit
- Examination of system components, from supply air duct to exhaust air duct
- Measurement of pressure drops
- Volumetric flow measurement
- Energetic consideration of the dust removal unit
- Identification of improvement and savings potentials (weak point analysis)
- Plant optimization
- Documentation of all performed services and analyses
- Sound recommendations for the layout of your plant



LEAK TEST MODULE

Scope of services:

- Reliable leak tests or impermeability tests



EMISSION ANALYSIS MODULE

Scope of services:

- Emission value measurement in the exhaust air duct
- Verification of compliance with emission limit values in accordance with the German Federal Immission Control Ordinance (BImSchV) and the Technical Instructions on Air Quality Control (TA Luft)



WORKPLACE ANALYSIS MODULE

Scope of services:

- Review of occupational limit values
- Measurement of the maximum workplace concentration

The selection of the right filter or the optimum filter combination determines the effectiveness of a dedusting system. Freudenberg Filtration Technologies has a comprehensive product portfolio – tailored to the diverse requirements of air pollution control.



