



Turnkey solutions for exhaust air applications

Dust extraction and molecular filtration from a single source.

Exhaust Air Applications

Dealing with odours, harmful gases or dust from industrial processes?

Industrial processes often release unwanted byproducts into the air such as dust, fumes, vapors, gases, and odours. To protect people, processes and the environment, polluted process air must be properly captured, cleaned, and controlled before it is released or recirculated. Exhaust air systems play a vital role in ensuring safe, compliant, and efficient operations across many industries.

Industrial processes are unique and so are the challenges they present

We understand that your exhaust air challenges are specific to your application and handled material. That's why we tailor our solutions to meet your process requirements, ensuring compliance, safety, and efficiency.

Camfil's clean air solutions help you to:

- Meet local health, safety & environmental regulations
- Be compliant with ATEX, ISO and CE standards
- Ensure process integrity & product quality
- Reduce production downtime & maintenance costs



Tailored turnkey solutions for industrial exhaust air applications

Camfil provides fully tailored turnkey solutions that meet the specific demands of your processes and local regulatory requirements. We deliver end-to-end filtration solutions for industrial exhaust air applications, from a single unit to a complete plant-wide system, including dust, fume and mist extraction as well as molecular filtration.

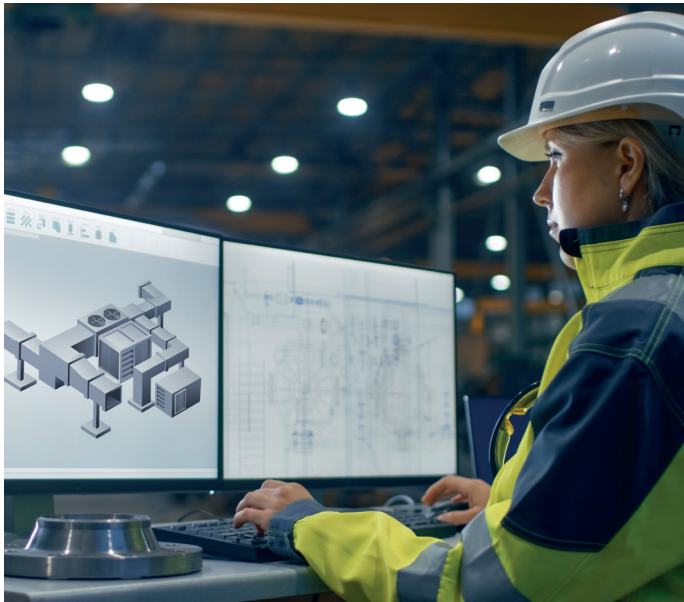


From concept to completion – one point of contact for every stage of your project

We are aware that managing complex industrial exhaust air projects can be challenging, especially when multiple contractors are involved. With Camfil, you benefit from a single point of contact for your entire project, simplifying every step of your journey. We take full responsibility for performance, quality, compliance and support – during and after installation.

Don't worry about coordinating multiple contractors or managing complex project phases – Camfil as your turnkey solution provider takes care of all that:

- **Simplified project management:** Camfil takes full responsibility for the entire lifecycle of the project as well as for system performance.
- **Streamlined communication:** Direct contact to our project team ensures easier decision-making and faster execution.
- **Customised solution:** We provide you with tailored clean air solutions that fit your specific needs.
- **Transparency:** Camfil provides you with clear timelines and cost transparency.
- **After-Sales support:** Regular maintenance, repairs, spare parts – we are there to support you installation throughout the entire lifecycle.
- **Compliance & documentation:** Designing your solution we ensure all regulatory, safety and environmental standards are met.



Guiding your project from start to finish

From assessment to installation and ongoing service support, our goal is to transform your air quality challenges into effective solutions. Our dedicated team of designers, engineers, field service professionals, and back-office support is with you every step of the way—helping to mitigate the risks associated with exhaust air issues.



Dust extraction & molecular filtration from a single source

All components are engineered to work seamlessly together – dust collection, molecular filtration, controls & monitoring solutions. All core products are engineered and manufactured by Camfil – from dust collectors & filter cartridges up to molecular deep bed filters and different adsorbents such as activated carbon or sustainable coconut shell media. This allows us to provide you with the solution which is right for your application.



Dust, fume & mist extraction

Gold Series X-Flo Dry Dust Collector

The Gold Series X-Flo dust collectors handle all kinds of harmful and combustible dusts, smoke and fumes, including fine, fibrous and heavy dust loads from various industrial applications. Gold Series X-Flo dust collectors are tested to meet ATEX & NFPA standards and available with different explosion and fire protection options.



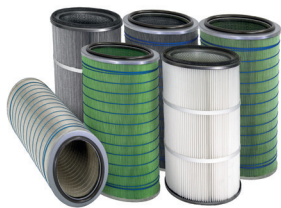
Handte Vortex Wet Scrubbers

Vortex wet scrubbers are used to remove coarse particles with light to medium dust loads from exhaust gas streams of industrial processes. Thereby the wet separators safely handle pollutants like explosive dusts, steel dust or aluminum dust and chips.



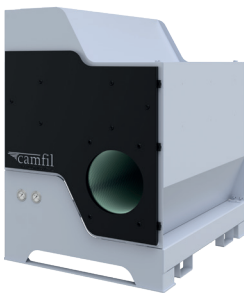
Dust Collector Replacement Filters

Camfil offers a wide range of high-quality filter cartridges and filter plates in different length and diameters as well as with different flanges and gasket options. This allows a direct-fit replacement of the current used filters of the most common dust extraction systems on the market such as Donaldson, Keller, AAF, Nederman, Kemper, Plymovent, Dustcheck, ESTA, Kappa, WAM, Mahle and many more.



Handte EM-O Flex Mist Separator

The mist separator Handte EM-O Flex has been designed as a flexible modular extraction system for medium to high air capacities, serving as a central separation system. Its areas of application include series production as well as individual applications on large machine tools with full lubrication (emulsion or oil) and for selected minimum quantity lubrication (MQL).



Molecular filtration

ProCarb VDBm 40000 Mobile Deep Bed Filter

The VDBm 40000 is a mobile deep bed filter for medium to high pollutant concentrations, supporting airflows from 4,000 to 40,000 m³/h. It can be installed vertically or horizontally to fit various spaces and duct configurations. The connector design allows quick and easy filter replacement.



ProCarb HDB-G Cylindrical Deep Bed Filter

HDB-G are cylindrical deep beds constructed from non-corrosive, recyclable polyethylene high density (PEHD). They are designed for heavy-duty use as molecular scrubbers, with single or dual bed configurations to accommodate up to 32,000 m³/h. HDB-G units can be utilised in both supply air and exhaust air applications.



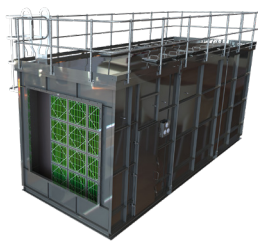
Molecular Media

We offer high-quality and sustainable activated carbon, impregnated carbon, activated alumina, and blended media. Our ISO 10121 qualified media is engineered to deliver enhanced performance for the removal of odours, irritants, and harmful gases, including volatile organic compounds (VOCs), acids, bases, nitrogen dioxide, and ozone.



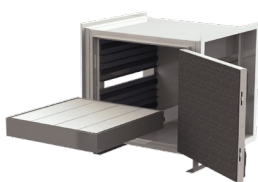
ProCarb VDBe Vertical Deep Bed Filter

VDBe are vertical deep bed gas scrubbers designed for high-capacity applications, utilising Camfil molecular media to handle airflows ranging from ten 1,000 to 100,000 m³/h. The housing can incorporate pre-particle filter and fan sections. These units are ideal for removing molecular pollutants in exhaust air systems.



ProCarb HDC Deep Bed Scrubber

HDC are deep bed gas filters featuring a standard-size refillable media cell that can be filled with any molecular media. Its modular design accommodates airflows from 1,000 to several tens of thousands of m³/h, and housings can include pre and post particle filter and fan sections.



AirImage-COR Air Quality Monitors

AirImage-COR monitors real-time corrosivity and air quality using highly accurate corrosion sensors. The device provides G Classification in accordance with ISA 71.04-2013, relative humidity, temperature and pressure. It connects to Building Management Systems and sends alerts via SMS and email.



How to find your local Camfil representative:

Go to www.camfil.com/contact or scan the QR code.





Camfil – a global leader in air filters and clean air solutions.

For more than half a century, Camfil has been helping people breathe cleaner air. As a leading manufacturer of premium clean air solutions, we provide commercial and industrial systems for air filtration and air pollution control that improve worker and equipment productivity, minimise energy use, and benefit human health and the environment.

**To discover how Camfil can help you to protect people,
processes and the environment, visit us at camfil.com**