



safety & protection

Camfil

Application brochure

Safety and protection

Camfil - clean air solutions



Exhaust air from many manufacturing processes is unhealthy



Clean air might be in short supply in the future unless we all make an effort to protect our atmosphere from harmful particles and other substances. Air filter solutions from Camfil protect both people and the environment.

Camfil is a world leader in clean air technology and air filter production. The Group is represented through subsidiaries and distributors throughout Europe, the United States and Asia.

We are the number one choice for most nuclear plants in Europe and a main supplier to the chemical industry world wide.

Clean air solutions where you need them

Today, Camfil can serve you in 50 different countries. Our global resources help our customers locally

Camfil truly practices the “think globally - act locally” concept

Products & Services

Depending on our customers needs and applications, Camfil can always provide air filtration solutions with the best performance.

Camfil Strength Factors

As the leading air filter company, Camfil offers customers a long-term partnership that is secure and backed by a documented capability to analyse filtra-

tion needs and supply a complete air quality solution.

Customers world wide have realised the benefits of this and we are proud to say that if you have a nuclear plant or a chemical industry near you, you are most probably protected by Camfil filters!

Clean air solutions that make you feel and perform better

We have divided our products into three primary application areas, based on the various needs of our customers.

Safety & Protection

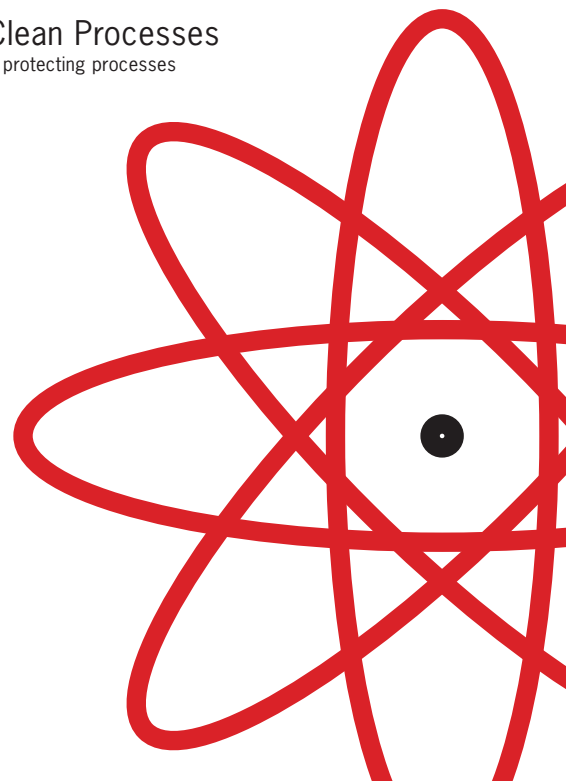
- protecting the environment

Comfort Air

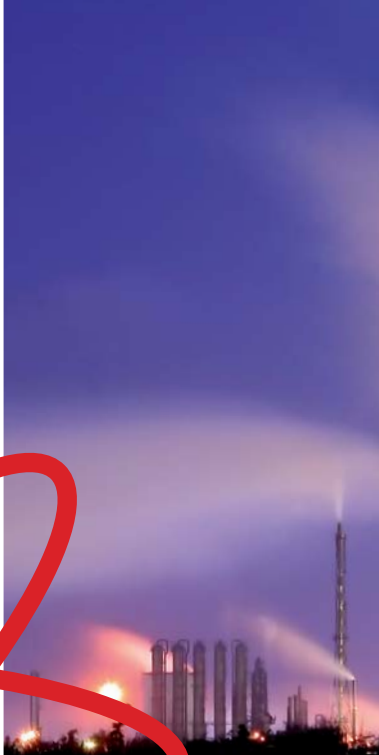
- protecting people

Clean Processes

- protecting processes



protecting the environment



Exhaust air from many manufacturing processes is unhealthy – these include exhaust air from nuclear power plants, mines, laboratories and chemical plants all examples of air that needs filtration before it reaches the environment.

Exhaust air from many manufacturing processes is unhealthy - these include emissions from nuclear power plants, mines, laboratories and chemical plants, all examples of air that needs filtration before it reaches the environment. Camfil has systems that treat a wide range of odours or harmful substances, by collection, adsorption or destruction.

Camfil's safety and protection product range includes abatement systems based on adsorption, biological and particulate filtration technology, to suit various needs and requirements.

Nuclear

Both the nuclear industry and nuclear laboratories are directly implicated in hazardous radiation, which can be either in form of particles or gases.

Whichever the case Camfil can, thanks to their leading technology, provide the best filter solutions.

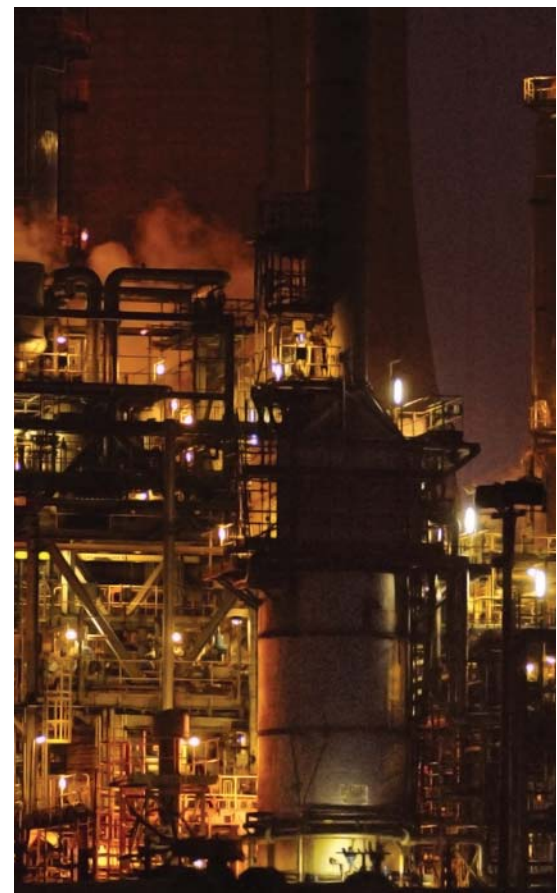
Chemical

Certain manufacturing processes produce dangerous gases. The needs of pro-

tection will vary from the laboratory to the heavy industries. Camfil's response is to have optimal solutions from the treatment of odours to eliminating volatile organic compounds (VOC).

Biological

Research and processes involving certain micro organisms can call for protection of the environment. During many years Camfil has been selected to provide the best clean air solutions even within this field.



products

Customer tailored solutions

Odour abatement often required in :

Waste Water Processing, Food and Drink, Animal Rendering, Maggot Farms, Poultry Farms, Flavourings Manufacture, Oil Refining, Chemical Manufacture

VOC abatement often required in :

Printing, Industrial Dry Cleaning, Footwear, Furniture, Plastics, Metal Cleaning, Packaging, Laminating, Coating of textiles, plastics and metals, Food, Fermentation, Seed Oil Extraction, Pharmaceuticals, Painting Booths

Whatever your industry needs are Camfil will provide you with the best clean air solution for your specific requirement.

Carbon filters

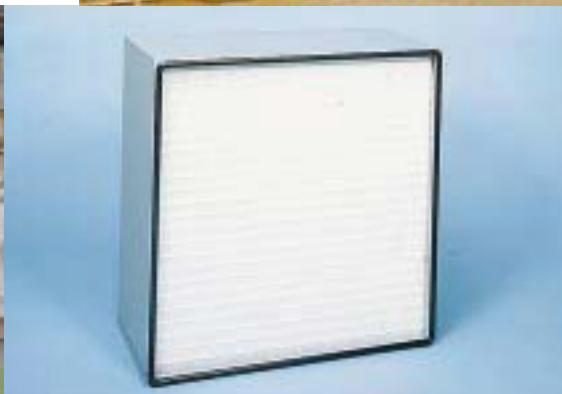
Carbon filters use activated carbon to adsorb gaseous and odour contaminants from intake air and odorous and harmful substances from exhaust air.

Camfil has the whole range from panels to large nuclear filter constructions.

accessories

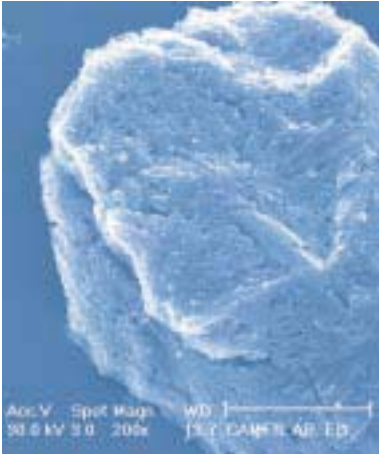
Housings, frames and other accessories.

absolute-micro triple filter absolute triple filter fkvs



From left to right: filter housing FKVS/D, filter housing for nuclear power plants, annular carbon filter complete with dust collector & fans, Absolute (HEPA filter) and Absolute (triple filter).

research & development



We are continually in the forefront of R&D and quality control and we carry out rigorous laboratory tests and field trials under precise controlled conditions.

Not least, we develop and produce our own production equipment to have maximum control over filter performance.

We design software packages that make it easier for you to calculate your needs and select our products for total filter management

New materials

We are always on the forefront and continuously develop new materials in order to optimise our clean air solutions. We have a strong team of highly experienced specialists who, on their own or in collaboration with our partners, constantly improve and develop the properties and qualities of our raw materials.

Camfil's clean philosophy

In most of our plants the filters are produced in clean rooms. As a security for our customers we can produce the same type of filters on several sites and our large capacity ensures the availability



of products at all times.

All our production units are of course certified according to ISO 9000.

Most of our production plants have their own R&D in order to satisfy the local needs of our customers.

Our main R&D centre is however located at Head Quarters in Sweden and is well equipped with, including a Scanning Electron Microscope (SEM), test rig for particles and in-house designed equipment for gas and odour measurements.

Activated carbon is a material with a large surface area. The area of Wembley Stadium is equal to 7 g of carbon.

Camcount is a unique piece of equipment for testing HEPA filters in nuclear power plants.

On world standards...

...Camfil is the leader in clean air technology and air filter production.

Camfil has its own product development, R&D and world wide local representation.

Our overall quality goal is to develop, produce and market products and services of such a quality that we aim to exceed our customers expectations.

We see our activities and products as an expression of our quality.

To reach a level of total quality it is necessary to establish an internal work environment where all Camfil employees can succeed together. This means an environment characterised by openness, confidence and good business understanding.

All Camfil plants world-wide are ISO certified.

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