



## comfort air

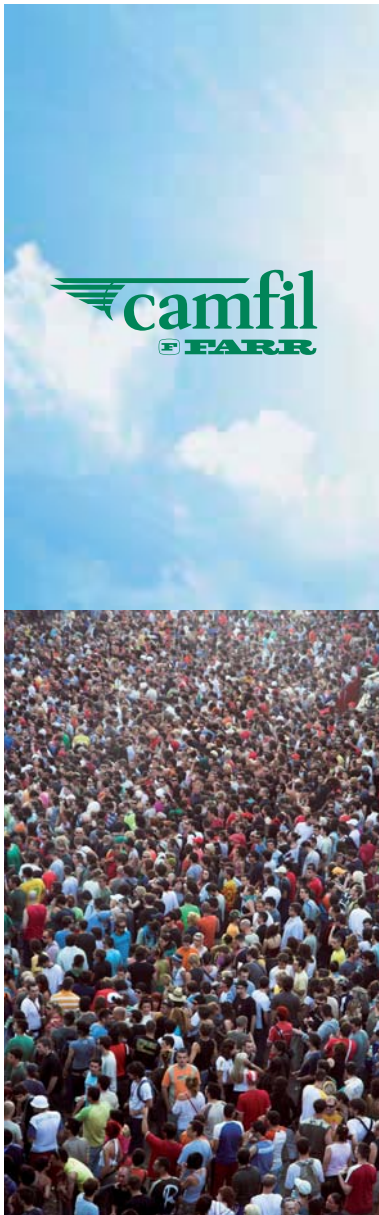
**Camfil Farr**    **Application brochure**

**Comfort air**

**Camfil Farr - clean air solutions**



# 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.

When it comes to comfort air we are the number one supplier in Europe and a significant player all around the world.

### **Clean air solutions where you need them**

Today, Camfil Farr can serve you in 50 different countries and we have supplied comfort air solutions in all of them.

Our global resources help our customers locally.

Camfil Farr truly practices the "think globally - act locally" concept.

### **Products & Services**

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

### **Camfil Farr Strength Factors**

As the leading air filter company, Camfil Farr offers customers a long-term partnership that is secure and backed by a

documented capability to analyse filtration needs and supply a complete air quality solution.

Customers world wide have realised the benefits of this and we are proud to say that most probably the air you breathe in your office or when staying in a hotel has passed through a Camfil Farr filter!

### **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.

#### **Comfort Air**

- protecting people

#### **Clean Processes**

- protecting processes

#### **Safety & Protection**

- protecting the environment

#### **Power Systems**

- protecting power systems

**Every day we breathe 25 000 litres of air, mostly indoor. The cleaner the air, the better we feel. Camfil Farr air filters remove many of the harmful particles, gases and odours that we are exposed to every day.**

## products

Available to suit a wide variety of applications, Camfil Farr HI-FLO bag filters are manufactured in a range of unit sizes and different efficiencies.

### Bag filters

Continuous research and product development ensures that Camfil Farr HI-FLO bag filters are the first choice for thousands of satisfied customers who have found that, for a variety of applications, HI-FLO bag filters represent the most economical filter choice.

HI-FLO can be supplied with different material both in the frame and media to meet your requests.

### Coarse filters

HI-CAP is a pocket coarse filter made with synthetic media. It has a large filter area and a good collecting efficiency on atmospheric dust.

Camfil Farr has a wide range of PANEL FILTERS manufactured using glass fibre or synthetic fibre media available in various sizes.

Cut to size media pads and media rolls can also be supplied.

### Compact filters

If space is limited, Camfil Farr compact filters like AIRO-PAC with a maximum length of 292 mm can be used instead.

ECOPLEAT is an environmentally friendly filter.

OPAKFIL G is the perfect choice when longer running times and a continuously low pressure drop is needed.

absolute filters  
hi-flo i gc a b



Filter products from left to right: HI-Flo 3M, HI-Flo G and Ecopleat.



**clean air solutions that make  
you feel and perform better.**



# comfort air - protecting people



Camfil Farr ventilation filters prevent airborne particles from reducing air flow volumes in ventilation systems. During their entire lifetime, these filters keep air handling systems clean so they can perform well and maintain their efficiency - in the long run this helps to safeguard the well being and health of people.

Camfil Farr's filters for comfort air are often used in office buildings, schools, hospitals, and other indoor environments where people meet such as conference centres, shopping areas and airports.

### High efficiency & low pressure drop decreases energy consumption.

By choosing a more efficient filter you will be sure to keep the total cost of your installations at the lowest possible level. These filters enjoy properties that will maintain their efficiency during their entire lifetime. Further the lower the pressure drop the less energy is required for the filter to fill its function.

The energy for running the ventilation system is a significant part of a building's total energy consumption. When selecting parts for the system the

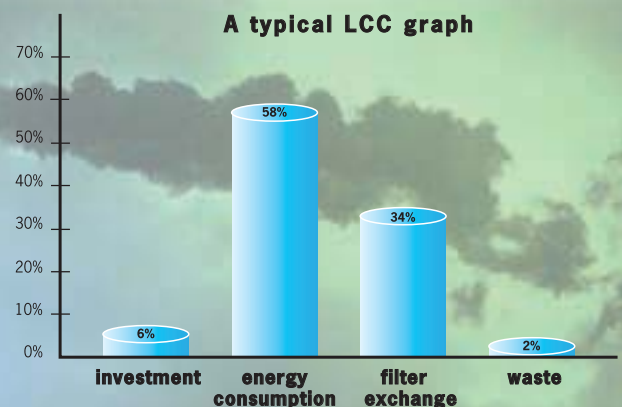
LCC (Life Cycle Costs) should always be taken into account.

All our filter media is produced according to our own strictly defined recipes in order to meet our rigorous demands on performance and uniformity.

Camfil Farr's filters have the markets largest filter surface in proportion to their face area, which ensures the best price / performance ratio.

### Camfil Farr tools makes it easy

Camfil Farr develop their own unique computer programmes such as the ECO programme and the newly developed LCC programme. This software takes all important factors into account such as installation topics, cleanness of ducts, change of filters, energy consumption, purchase, maintenance and disposal issues. With well defined calculation steps we can help to optimise the choice of filters for your specific needs.





### **Forever young**

When outdoor air enters the ventilation system, pollution like smoke, dust and pollen will stick to the fans, batteries and ducts. If the air filters do not perform as they should the airflow in the system will be reduced significantly.

The balance between supply and exhaust air will be distorted. With efficient filters from Camfil Farr the balance will be maintained - odours and particles are kept under control. The system can always perform at it's best and will stay forever young.

### **Clean air makes people perform better**

The need for good filtration is becoming more and more obvious for most people all around the world. Research proves that filters with a high efficiency very effectively reduce the problems that small particles can cause for sensitive people. Generally all human beings perform better with clean air and a healthy indoor climate.

### **Independent tests**

We always test our filters in independent laboratories according to world standards. These results are then used in our computer programmes and displayed in our data sheets.

Our filters have also been tested in real operating conditions by neutral institutions like SINTEF\* and NUTEK\*\* for example. In all of these tests Camfil Farr's filters have proven to be the best performing filter.

### **Camfil Farr cares about the environment**

The Camfil Farr organisation is now giving priority to environmental issues in all activities related to technology and design that will take health, safety and economic aspects into consideration. This resolute and long-term environmental work will lead us towards a cleaner future.

\*The Foundation of Scientific and Industrial Research at the Norwegian Institute of Technology

\*\* The Swedish National Board for Industrial and Technical Development

### Absolute filters

Camfil Farr has a wide range of HEPA and ULPA filters. They are installed in demanding environments to protect the surroundings, components and people, for example, in operating theatres.

### Carbon filters

In carbon filtration Camfil Farr has a number of different solutions. The CAMCARB activated carbon filters consists of a galvanised base plate and cylinders containing activated carbon.

CAMSURE are steel plates that are filled with carbon and mounted in a special cabinet.

### Accessories

Camfil Farr makes a wide variety of filter cabinets for use with the Camfil Farr range of filters.

Camfil Farr has a wide range of installation frames,

called SP-frames. The frames are suitable for the following filters: Hi-Flo, Hi-Cap, Airopac GGMHF and Opakfil G.

Camfil Farr offers several different pressure gauges.

### OEM

Camfil Farr have their own production specialised within the field of mass-produced filters for the OEM industry. This implies customer designed filters with high quality and an effective, low cost production with a high degree of automation.

ecopleat  
compactfilters



Filter products from left to right: Opakfil G, Hi-Cap/panel filter/filtermedia, Megalam (ULPA), Soflair (HEPA).

## OEM specialities

### Vacuum cleaners

Total system supplier with coarse filter, fine filter, HEPA filter, carbon filter.

### Air purifiers

Complete solutions and combinations of all dimensions required for air purifiers.

### Car cabin filters

Total system supplier.

### Medical care

Several companies with demand for highly specialised filters within the field of medical care have with confidence chosen Camfil Farr as their supplier.

## Take care of your used filters

All Camfil Farr filters can be supplied together with a special plastic bag for the disposal of the used filter.



Different OEM filters and Camcarb cylinder.



# R

## 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 precisely controlled conditions.

Not least, we develop and produce our own production equipment to have maximum control over filter performance. All our production units are of course certified according to ISO 9000

We design software packages that make it easier for you to calculate your needs and select our products for optimal clean air solutions.

### **New materials and our search for more knowledge**

Our media is produced according to our own specifications and is under constant development together with our suppliers.

Camfil Farr have developed their own system for air analyses - Camfil Farr Air Quality Systems.

Sizes and different types of particles are analysed using our Scanning Electron Microscope and a x-ray spectrometer.

The results are then used to find the right clean air solution for a specific need.

### **World standards**

Our measuring methods have been acknowledged world-wide and in many



cases, like our laser based particle counter method, they have become a standard.

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 including, with unique test rigs for bag filters and carbon filters.

## On world standards...

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

Camfil Farr 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 Farr employees can succeed together. This means an environment characterised by openness, confidence and good business understanding.

All Camfil Farr plants world-wide are ISO certified.

[www.camfilfarr.com](http://www.camfilfarr.com)

FOR FURTHER INFORMATION PLEASE CONTACT YOUR NEAREST CAMFIL FARR OFFICE.  
YOU WILL FIND THE ADDRESS ON OUR WEBPAGES.