




Clean Air Management in the Automotive Industry

Camfil Farr	Segment brochure	
Automotive Industry		
Camfil Farr – clean air solutions		

how do you feel when tasked with preparing a specification for Clean Air Management



Clean air management whilst important; may not always be the key focus for you and your time? However, your experience tells you that thorough preparation of all aspects are absolutely essential to ensure an accurate, timely and deliverable specification.

FEATURES

You can get it all from a single source. The required product and systems expertise in Clean Air Management – trusted and proven on many sites over many years – is available, worldwide. That's why your individual Clean Air Management objectives are the focus of our business at all times.

ADVANTAGES

This enables you to achieve a decisive competitive edge in air filter and associated services, process performance, safety, economy and environmental compatibility.

BENEFITS

Concentrate on your core competencies with a clear mind – and target your energies to maximize results. Broaden your freedom to act.

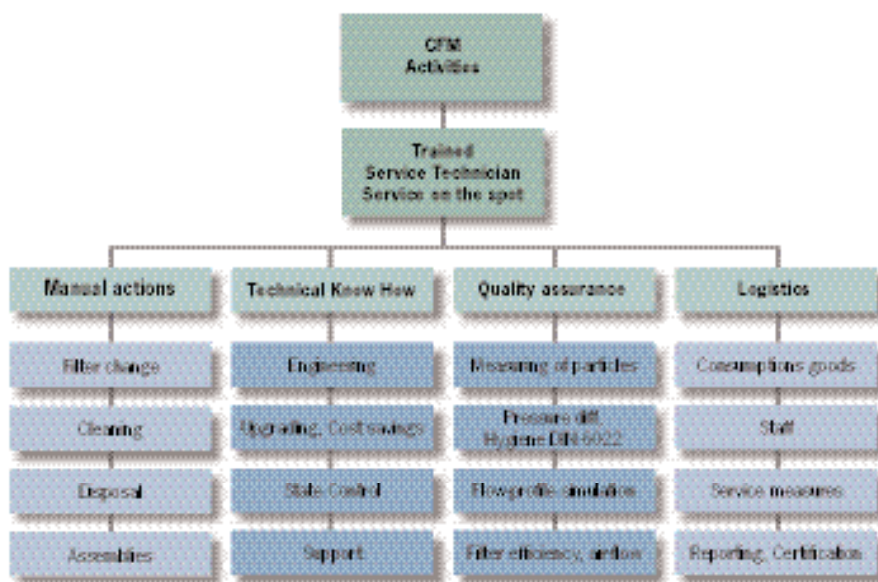
Targeted Success is Simple – with Camfil Farr



exactly what solutions does Clean Air Management offer you?

You know from experience: the difference is mainly in the detail.
So how does it work?

CAMFIL FARR FILTER MANAGEMENT – AT A GLANCE



FEATURES

Choose the service offering that suits your specific requirements. For the entire vehicle manufacturing process – assembly, painting, drying tunnel and final inspection – it's your choice: select from manual operation, technical know-how, quality assurance, added value services and logistics.

ADVANTAGES

This enables you to combine the elements of your service offering according to your own needs. And to apply your precious resources more effectively.

BENEFITS

Know from the start what you are paying, operate within defined costs – no surprises!



**Supplied exactly according to
your need – with Camfil Farr**

how clear is your control of quality and cost – reduce disturbance variables within your paint shop



**Competent
and
Dependable.
Overall and
in detail
– with Camfil
Farr**



Many success factors affect paint quality: How would you like to determine yours precisely together with our experts?

Whoever said filter manufacturers only know about filters?

FEATURES

Let a high-performance service partner help you: one who brings you expertise and added value, e.g. via the LCC (life cycle costs) software program. Take every aspect into account, from your installation requirements and the condition of your air ducts right through to the disposal of your used filters. Focusing precisely on your needs and nothing else.

ADVANTAGES

Find more time again for the things that matter to you. The ones that actually guarantee optimised value.

BENEFITS

Set everything else of minor importance aside. Concentrate on your core competence: the manufacturing of perfect vehicles for your customers. Strengthen your brand.



take advantage of our Clean Air Management commitment

FEATURES

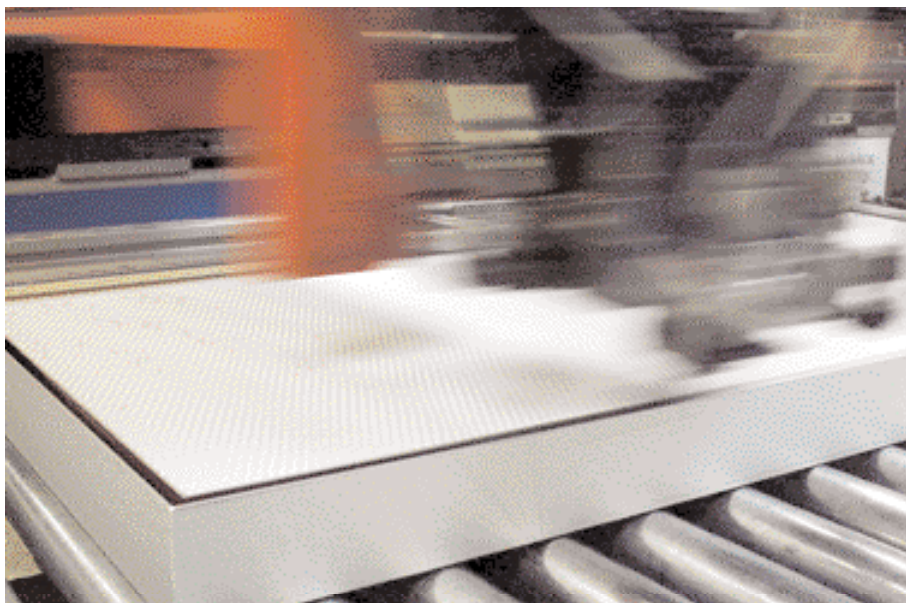
Apply the tried and tested Pareto principle: 80% of your costs result from just 20% of your influence factors. But which of yours are part of the 20%?

ADVANTAGES

Common strategies and understanding right from the start. Find out exactly which influence factors result in 80% of your costs.

BENEFITS

Stay focused under the stress of daily operations. Find strength and peace of mind through maintainable success. To achieve the extraordinary performance that the market increasingly demands from you.



**Immediate cost transparency
– with Camfil Farr**

Total Filter Supply – The basis for



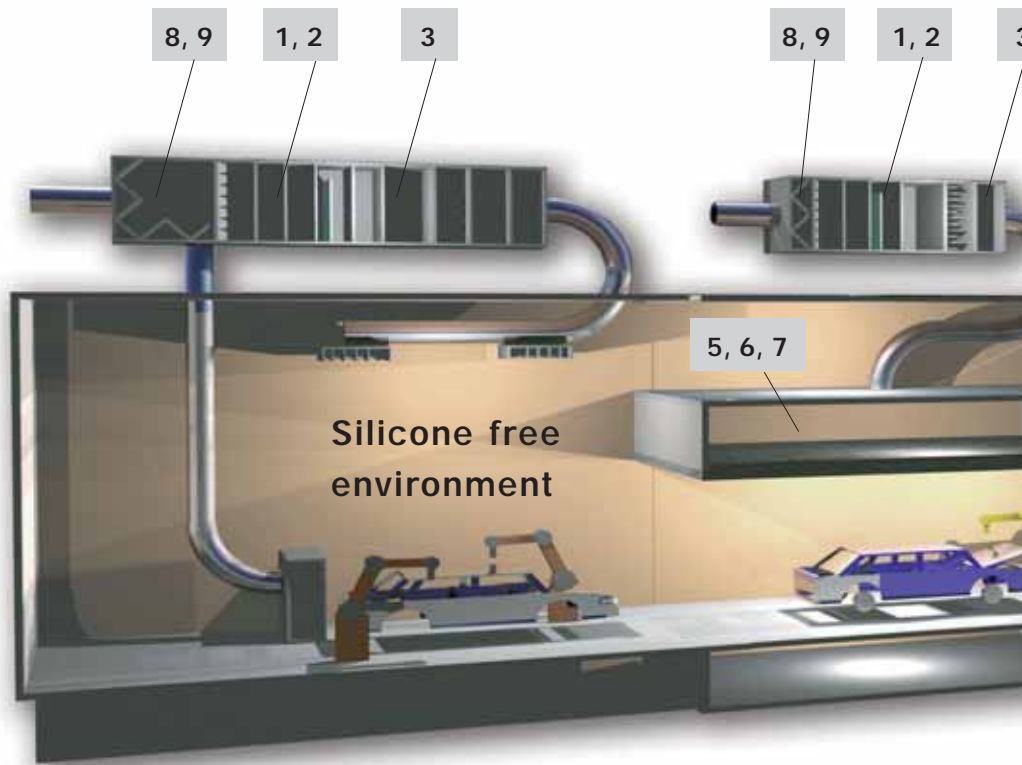
1. Hi-Flo F7 to F9

The best first stage for an optimised low pressure drop and long life product. Highest possible standard of AHU cleanliness and hygiene. Maximum protection of second stage filtration – to achieve maximum life time.



2. S-Flo

Comparable high performance like Hi-Flo, but with synthetic fibres. Filter with a large media surface area. Filter class: F5 – F8.



3. Opakfil

The best second stage to eliminate more than 95% of all particles > 0.4µm in size the distribution duct system will remain clean and greatly reduce maintenance costs.
Highest levels of duct hygiene are assured.



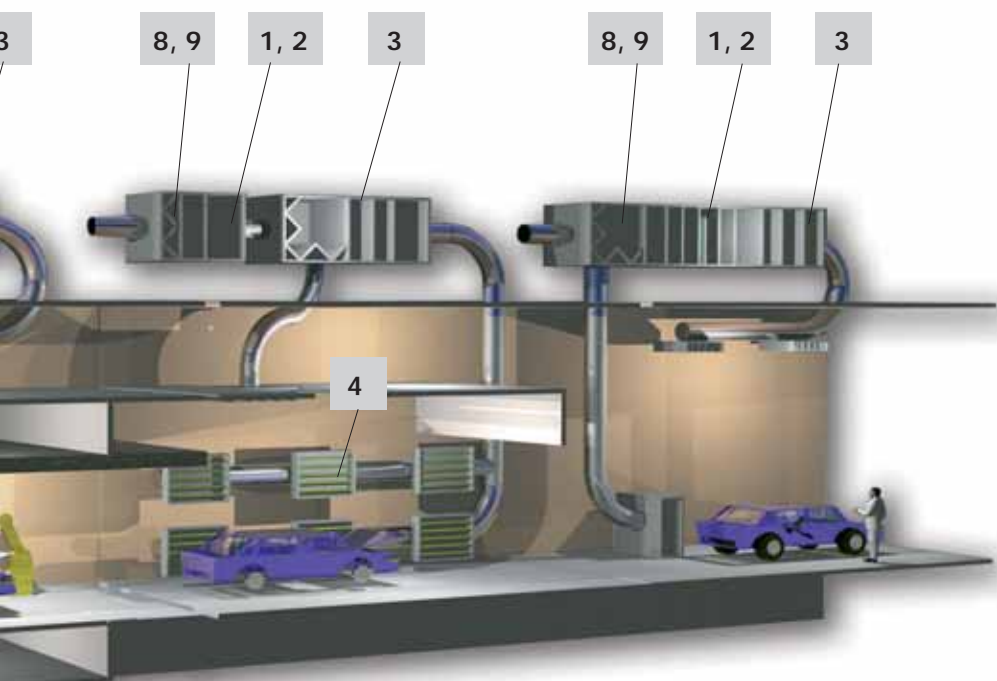
4. Airopac HT / Opakoven HT*

High temperature filter (up to 400°C) were specifically designed in high temperature ovens for automotive paint shops. The compact construction results in high stability,

HT model. Filters are made with folded glass fibre media with aluminium separators.

Filter class: F6, F7 and F8.

efficient Clean Air Management



7. Camgrid SM 20

Camgrid SM20 is a very flexible framing system made of aluminium T-bars to be assembled in order to build a self supporting paint booth ceiling.



8. 30/30

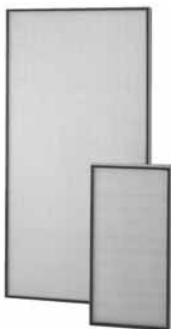
Medium efficiency pleated panel filter. Contains up to 16 pleats per 305 mm. Radial pleat construction for minimum pressure drop and maximum service life. Available in G4 per EN 779.



5. CDM-600

Camfil Farr's progressive media density is reinforced with a supporting woven open-mesh scrim on the clean air site. Camtex CDM 600 provides the highest level of uniformity to paint spray booths where controlled airflow is a requirement.

Filter class: F5.



6. Panolair / Panolair HT*

Directly installed in paint booth ceiling grids, Panolair panel filter offers a high quality fine filtration with a uniform airflow pattern. Panolair filtering media is made with a mini pleated glass fibre paper pack, frame is made of aluminium.

Filter class: H10.



9. Hi-Cap

Hi-Cap is a quality filter available for the removal of coarse particles. It allows for a secure and efficient filtration in automotive environments where large amounts of dust are present.

Filterclass G3 – G4.

* HT = High temperature applications

what potential cost savings remain in your plants?



Available
Success
– with
Camfil Farr

And what does that have to do with your acceptance (RFT) rate?

FEATURES

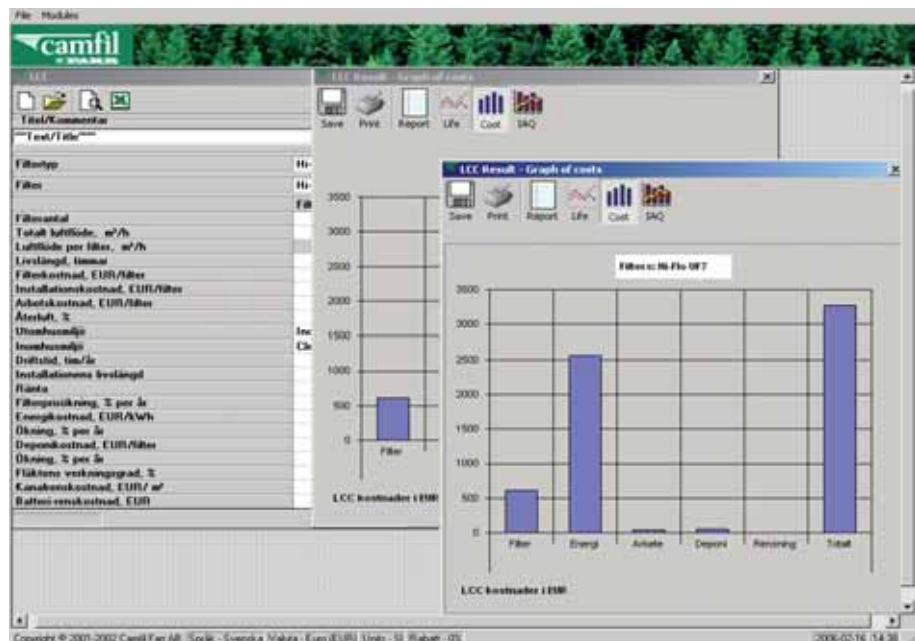
Every case is different. Your parameters are unique. They have to be incorporated into your cost optimisation individually. Experience proves that substantial cost reductions are possible through filters and associated services, energy, cleaning, air hygiene, paint system cleaning, disposal, logistics and maintenance. Annually agreed savings.

ADVANTAGES

Stay on the safe side: enjoy a clearer view of things. Give yourself a solid understanding of what's really possible under a Clean Air Management programme? Use continuous reporting to reduce your global costs.

BENEFITS

Which makes additional resources available to you for genuine innovation. In other words, Investment in what makes the difference to your business.



guaranteed realistic sustainable cost reductions!

FEATURES

Building ventilation costs are significant. The 'typical' energy cost of filters as a percentage of the total system is approximately 30%.

ADVANTAGES

This is an opportunity since the filters are the most inexpensive part of the system to improve.

BENEFITS

By selecting the correct filter, you can create significant savings on energy. You also get the benefits of healthy Indoor Air Quality (IAQ). Reduce real costs whilst optimizing process improvements.

The Life Cycle Cost for a filter is the cost of the

Filters

Labour (installing and replacing)

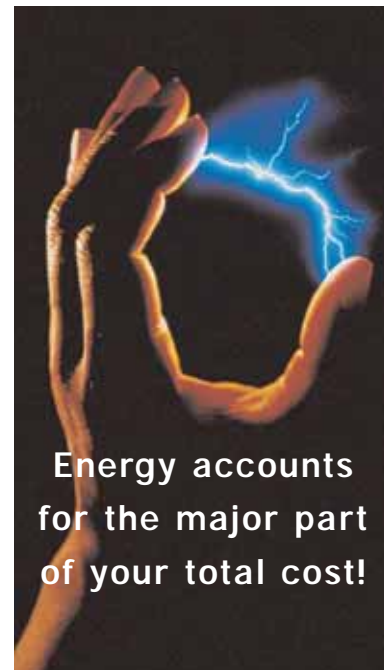
Energy consumption

Cleaning of ventilation system

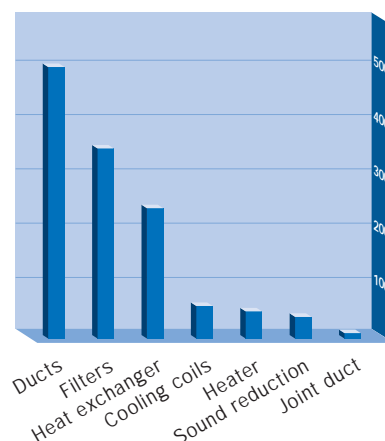
Disposal of used filters

= Total cost (LCC)

**Efficient and effective
right from the start – with
Camfil Farr**



**Energy accounts
for the major part
of your total cost!**



Pressure drop (Pa) in a typical ventilation system with one filter step in the inlet- and the outlet air.

what is the source of Clean Air Management?



FEATURES

They are the result of innovative product development. Everything always up to the minute. 22 production facilities around the world pledge themselves to it. Our testing facilities cover the following standards: EN 13779, EN 779:2002 and EN 1822. In other words: from standard filters right through to highly specialised filter systems, more and more customers place their trust in the Camfil Farr Group philosophy. Become one of our successful customers, join them and take advantage of the solid basis provided by the worldwide leader in the area of clean air technology and air filter production.

ADVANTAGES

You will discover a system supplier who offers you safety, innovation and added value, even in these turbulent times.

BENEFITS

Always rest assured that you've made the right choice.

Secure innovation worldwide – with Camfil Farr



**your business strategy: to think local,
act global? why should it be otherwise
for Clean Air Management?**



**And what does worldwide
availability offers you?**

FEATURES

You are relying on a locally acting and globally thinking, high performance system supplier. You can use Clean Air Management reliably, flexibly and rapidly right at home on every continent. Just take the regulatory requirements that vary from one region to the next, for example. Who can keep track of them all?

ADVANTAGES

Trust Camfil. Measure your needs against the service we have provided. You'll see it feels good to know that you're covered, both regionally and globally.

BENEFITS

Let it bring you additional strength. Increase your competitiveness.

**Locally effective, all over the world
– with Camfil Farrer**

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.

www.camfilfarr.com

Camfil Farr Group

Singapore Tel. (65) 6469 3130 Fax. (65) 6469 6516
Australia Tel. (61) 2 9648 5800 Fax. (61) 2 9648 5899
China Tel. (86) 21 5489 0333 Fax. (86) 21 6472 9781
Japan Tel. (81) 3 3560 3093 Fax. (81) 3 3560 3094
Malaysia Tel. (60) 5 366 8888 Fax. (60) 5 366 8880

New Zealand Tel. (64) 03 377 5066 Fax. (64) 03 377 5099
Sweden Tel. (46) 1565 3600 Fax. (46) 1561 6724
Taiwan Tel. (886) 3 5353 339 Fax. (886) 3 5353 336
Thailand Tel. (662) 694 1480-4 Fax. (662) 694-1464