
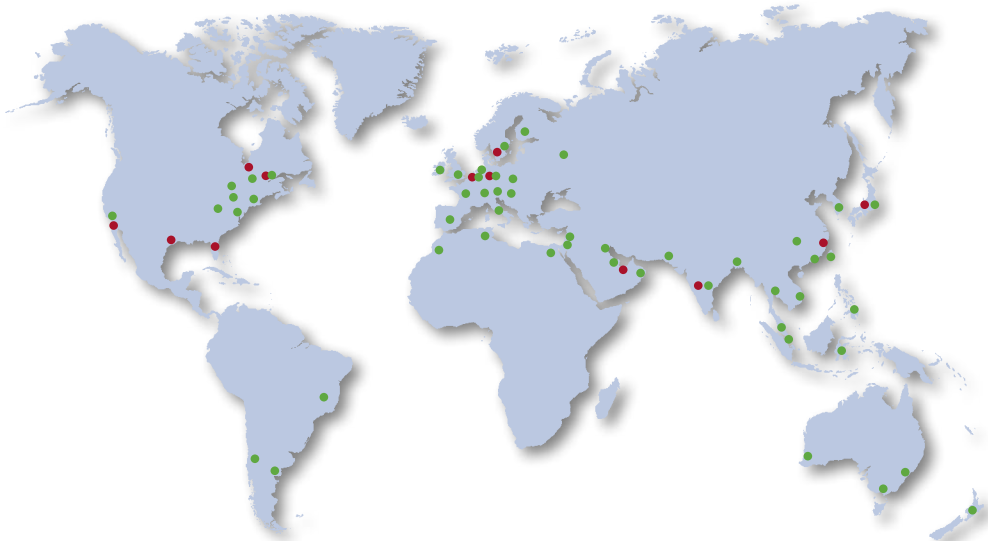




power systems

Camfil Farr Power Systems	Company brochure	
Power Systems		
Camfil Farr - clean air solutions for turbomachinery		

- We provide turbomachinery with clean air to assure efficiency and performance.
- We help operators to get the best out of their investment, year after year.
- Our silencing systems protect people from undesired noise.
- We provide you with the optimum solution – from the air inlet to the top of the stack.



Our global presence makes us your local partner, wherever you are.

- Camfil Farr Power Systems (CFPS)
- Camfil Farr Group



Oil and gas



Power generation



Marine



Process industry

we protect people, machines and the environment

Most of us take light and heat for granted. These are fundamental elements in our everyday life, both at home and at work. Without electricity, our cities would go dark and things would grind to a halt. Modern society depends on everything running smoothly. That is why we depend on clean air and quiet surroundings – two factors so essential to our existence and well-being.

Clean air is also vital to a gas turbine's efficiency and operational reliability. Stricter environmental regulations combined with economic rationalisation challenges us to constantly improve and develop our system solutions.

Our solutions

For over 40 years, Camfil Farr Power Systems has been developing and supplying air intake systems that protect turbomachinery and help them maintain optimal efficiency. We also provide acoustic and exhaust systems, including dampers and diverters, that reduce noise and ensure high-quality day-to-day operation. Thousands of our installations are used worldwide, 24 hours a day, all year round. Power Systems is also part of the Camfil

Farr Group, the world's leading developer and manufacturer of filters and all types of clean air solutions.

Our working methods and our customers

A solution producing clean air and quieter surroundings inevitably improves the environment and increases the well-being and performance of people and machinery. Our success is based on a development process in close collaboration with our customers and suppliers. Each solution is fully customised. Thanks to our broad, specialised experience, we have a vast knowledge bank that spans throughout the world. This is something that you, as a customer, can benefit from, along with our globally leading group's strong investment in R&D.

Another key factor behind our success is that we act globally but work locally. We always have a representative near you. We understand your needs – and we speak your language.

Most of our customers are in the Power Generation Industry, Oil & Gas and the Processing Industry.



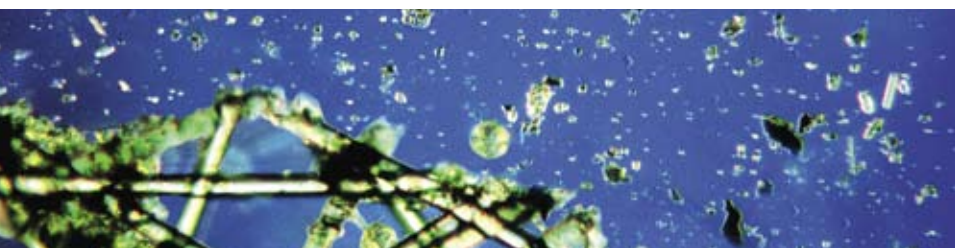


Clean air – essential for people and machines



the right system solution – a wise investment

Machines require the right conditions to meet specific requirements. A good system solution is always a sound investment. Modern, high-efficiency gas turbines and other turbomachinery are highly sensitive to even the smallest particles. Just as important as filtering intake air is to dampen noise levels. It's well-known that efficient filters combined with low pressure drop throughout the inlet and exhaust system generates big cost savings. It means low



Particles in outdoor air entering one of our air filters.

operating and maintenance costs and a consistently high efficiency rating. With the help of our life cycle cost (LCC) program, we study key factors including installation environment, filter costs, energy consumption, maintenance and waste management. After carrying out detailed calculations, we design a fully customised system with minimum running costs and maximum lifespan.

The all-important project process

Our activities are controlled by our ISO-9001 quality system, and we have well-im-

plemented project processes. This means that our customers are always guaranteed to have their specified requirements and needs met, both during the project phase and the project execution. Each project is managed by a project team in close collaboration with the customer. We naturally use a modern 3D-CAD system and other software for CFD, stress and noise calculation. Our production takes place at our own facilities, or in close collaboration with carefully selected suppliers in our global network. In addition, we are SCC (Security Certificate Contractors) certified, which is essential at installation- and erection work.

Research & development

Providing our customers with efficient equipment requires advanced technology, know-how and experience. All our inlet, exhaust and damper systems are developed at our Centre of Competence. All our filter products are developed at the Group's R&D department and we constantly make strong, ongoing investments in R&D.

As a globally leading air filter manufacturer, we have test equipment that can be moved anywhere in the world. All test results are compiled in our database, and provide a basis for our research and ongoing development efforts.



From air inlet to top of stack

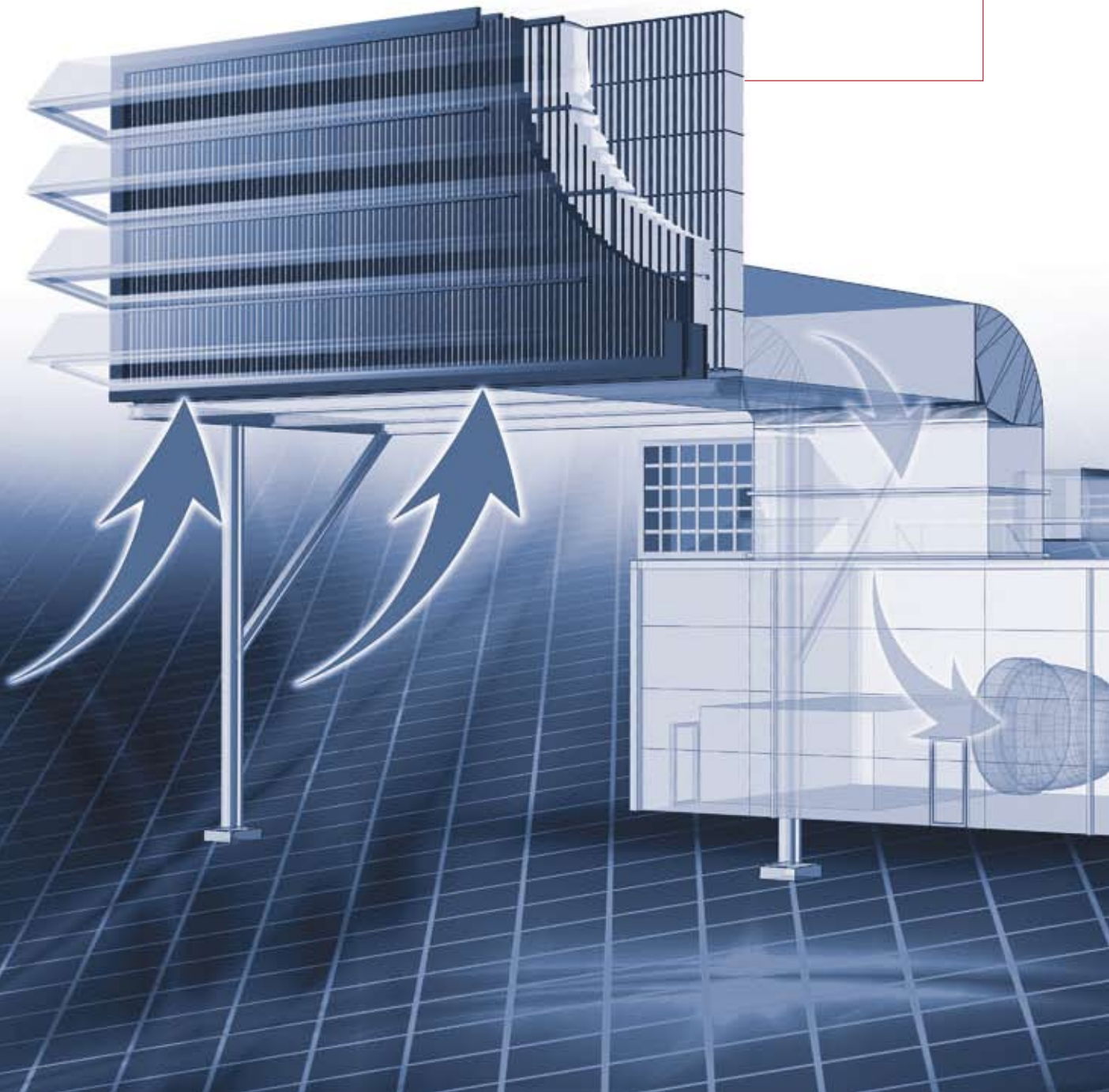
Camfil Farr Power Systems has the products, expertise and organisation to provide our customers with top of the line:

- Air inlet systems
- Acoustic enclosure and ventilation systems
- Exhaust systems
- Diverter and damper systems.

Our designs always focus on high efficiency, reliability and return on investment.



Inlet system





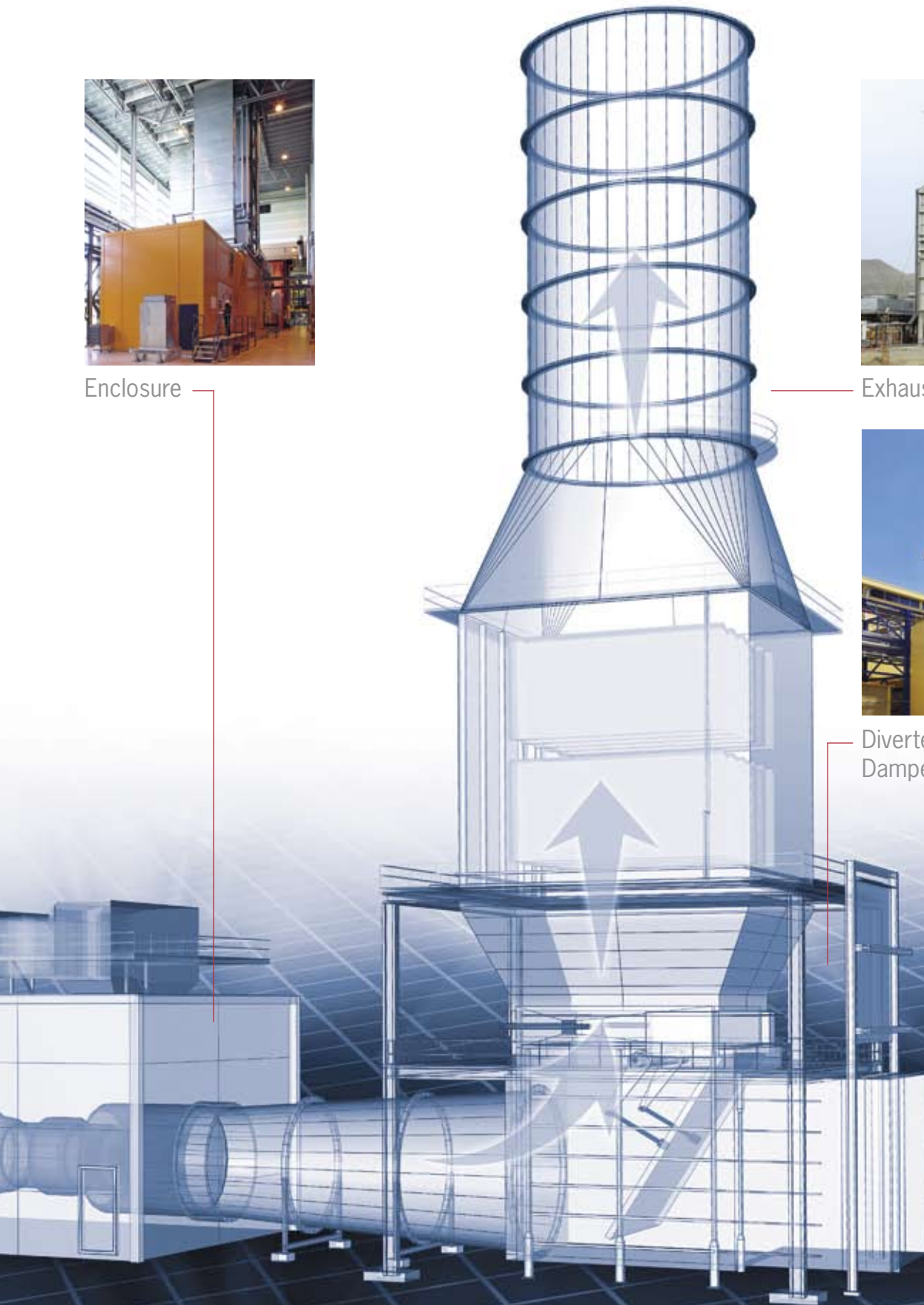
Enclosure



Exhaust



Diverter and Guillotine Damper



We are proud and honoured to serve:

- SIEMENS
- SOLAR
- GE
- NUOVO PIGNONE
- DRESSER RAND
- ROLLS ROYCE
- STATOIL
- MAN TURBOMACH
- E-O
- PRATT & WHITNEY
- BP
- SHELL
- RWE POWER
- TURBOMACH
- MTU
- E-O
- SIEMENS
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service and refurbishment

All machines require servicing and maintenance to ensure smooth operation and reliability. From the operator's perspective, reliability and efficiency are vital prerequisites to financial success. To provide our customers with after-sales support and ensure that each system works according to plan throughout its life cycle, we offer a wide range of products and services. We believe that a long-term partnership between customer and supplier is always the most profitable solution for both parties.

Scheduled maintenance is always the best

Scheduled maintenance is always better than unscheduled repairs. This means preventive maintenance, early detection and elimination of wear-related defects – before they become a problem. Of course this includes refurbishment, installation

and production of replacement parts, even if they were not originally supplied by us.

We perform air audits and noise measurements to help customers analyse their need for upgrading their overall air intake systems and acoustic solutions, and we deliver the necessary upgrades. We train operators and maintenance staff to optimise their ability to maintain the equipment. We offer total filter service including delivery, replacement and disposal of used filters. In addition, our service offering includes diverter and damper systems. We also monitor start-up, and are always available to provide advice or answer your questions.





We believe that a long-term partnership between customer and supplier is always the most profitable solution for both parties.



On world standards...

...Camfil Farr is the leader in clean air technology and air filter production. Camfil Farr conducts its own product development and R&D, and has worldwide local representation.

Our overall quality goal is to develop, produce and market top-quality products and services that always exceed our customer's expectations.

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

To achieve overall high quality, it's necessary to establish an internal work environment where all Camfil Farr's employees can succeed together. This means an environment characterised by openness, confidence and always doing what's right for our customers.

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