

DONALDSON

- A worldwide leading manufacturer of filtration systems
- 10.000 employees
- 30 manufacturing locations
- 450 patents

A world class company that puts you out in front.

Donaldson. And everything just got better.

Donaldson makes you a promise, the promise of a world leading company for filtration systems and replacement filter elements. What we promise is no more or less than the best solutions for compressed air treatment, dust and fume removal, oil mist separation and sterile and process filtration – with a maximum of energy savings and a maximum product quality.

A promise that we keep every day.

In 1915, Frank Donaldson jr. invented an air filter for tractors. At the end of the 1920's, this was followed by the first exhaust product to prevent harvest fires caused by flying sparks from engines. Developing new solutions has a long tradition at Donaldson. Within just under 100 years, 450 patents have been registered and worldwide 10,000 employees at 30 manufacturing locations and in sales and service companies, work on finding even better solutions. These figures are also indicators of success: 1.4 billion US dollars turnover in 2004 and a double –digit earnings growth for the 15th consecutive year.

In Europe for 40 years.

In 1966, one year before the European Commission was convened, Donaldson stepped into Europe. From Leuven in Belgium, our own sales and service companies offer full coverage and constant availability on the European continent. Despite our worldwide know-how, we remain a very personal partner, fast and flexible, always close at hand.





INDUSTRIAL FILTRATION SOLUTIONS

- Tailor-made filtration solutions
- Highest degreeof reliability
- Increases in product quality
- Contributions to environmental conservation and health

A world-class achievement that you see every day.

A generalist and specialist all in one.

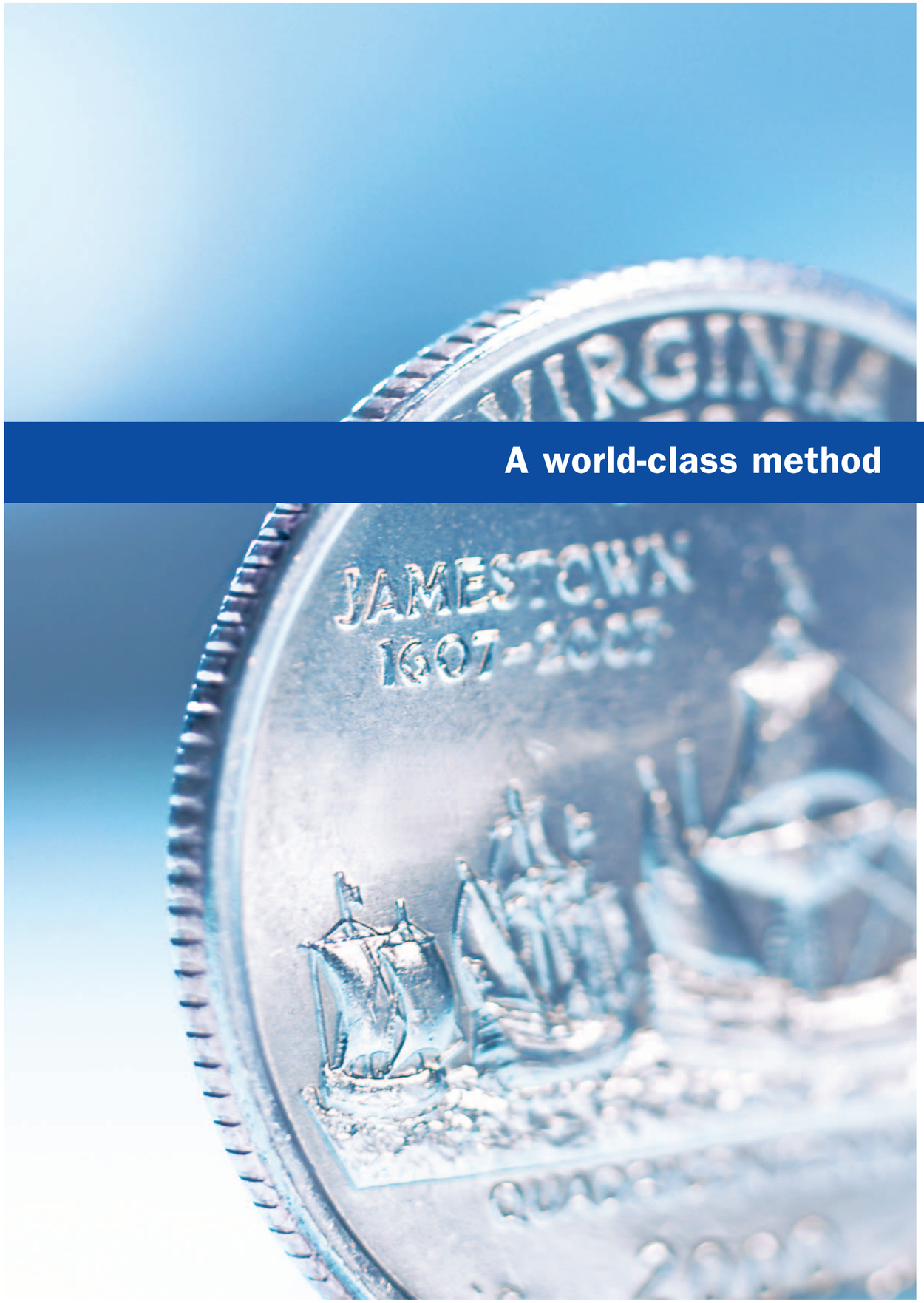
On one hand, Donaldson is a generalist. We develop total filtration solutions for compressed air, technical gases, process fluids, oil mist, dust, fume and hydraulic media. At the same time, Donaldson is also a specialist!

With our unique filtration portfolio with the product brands Donaldson Ultrafilter and Donaldson Torit DCE, we develop tailor-made solutions for all users of industrial filtration, which help your company in all regards and pays back from the first day, from an analysis of the potentials through planning, project handling and installation to maintenance. Beyond this, we help you to make an important contribution to protecting the environment and the health of your employees.

The formula is Industrial Filtration Solutions.

Donaldson accomplishes this unique achievement with the group Industrial Filtration Solutions. Here, expert knowledge and total solutions enter a partnership which is unrivalled on the market. The result of the complete product portfolio and the total service programme with a fully present service network, qualified service technicians and an original spare part service can be reduced to a simple denominator for your company: the highest degree of reliability, increased product quality and productivity. What more do you need?

Donaldson Filtration Solutions | Donaldson Ultrafilter | Donaldson Torit DCE



TOTAL FILTRATION MANAGEMENT

- Reduction of energy costs
- Simplified purchasing processes
- Reduction of capital lockup
- High security of supply

A world-class method which reduces your costs.

Total Filtration Management makes it possible.

With Total Filtration Management, we open perspectives for process optimisation and energy saving which you wouldn't have believed until now. We can show you how to improve the quality of your products, how you can optimise your filtration system technically and with regard to energy or how you can obtain a tailor-made, new system. We offer flexible, economical service contracts, ensure that your filter elements are delivered and replaced, and we conduct emission measurements, localise leaks and perform extensive quality checks.



Minimum operating costs for years.

Total Filtration Management is the easiest, most effective and most economical method of ensuring that filtration and treatment systems always achieve optimum performance and guarantee reliable production; at the lowest operating costs and minimum energy consumption.





A world-class service which exceeds your expections.

TOTAL FILTRATION SERVICE

- Extensive customer consulting and support
- Competent service for all industrial filtration applications
- Leading filtration experts
- Local presence

Total Filtration Service: everything from one source.

With our Europe-wide service, Donaldson guarantees the economically and qualitatively optimum conditions for your production whilst exploiting all potentials for cost reduction. Our comprehensive single source service competence covers all industrial filtration applications: compressed air treatment, sterile and process filtration, chillers and systems for dust, fume and oil mist separation. Our services encompass consulting, support, installation, commissioning and maintenance.

Four steps to improved performance in your company.

With Air Survey, Air Audit, Air Utility and Air Performance, we tune your compressed air and filtration systems to their best performance. From a free, noncommittal survey through an exact determination of the potential savings, operation of the system as part of a system solution to constant performance monitoring.

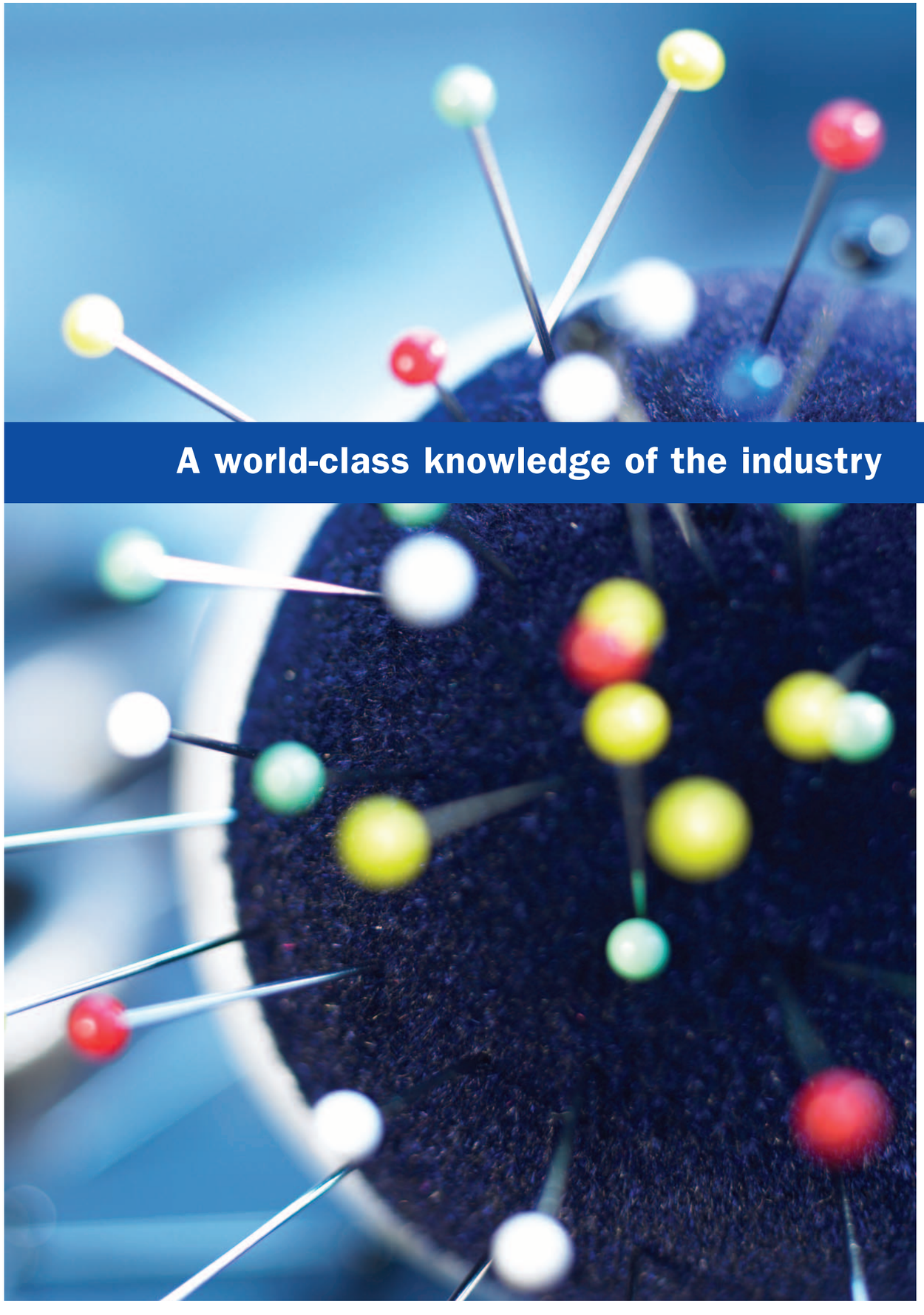
Up to 50% potential savings by leakage detection.

Even in well-maintained networks, up to 50% of the generated compressed air is lost by leaks. From a different perspective: up to 50% potential savings are concealed in your system, and we find them for you. The result: leakage rates and energy costs fall substantially.



Remote control for maximum certainty.

With remote diagnosis and remote controlling on the Internet, you can be certain that your system always delivers the required performance. The best thing: remote control functions independently of the manufacturer and model, even if you are operating a system which is not from Donaldson.



INDUSTRY KNOW-HOW

- Know-how in all key industries
- User-related filtration solutions
- Industry-specific service engineering

A world-class knowledge of the industry which provides a tailor-made solution.

Industry-specific filtration technology.

Regardless of the applications for filtration technology for which you are responsible: Donaldson is your partner! In decades of close co-operation with our customers, we have gathered expert knowledge in nearly all fields of industrial production. To name just a few, these include:

- **Food industry**
- **Chemical industry**
- **Mineral oil industry**
- **Pharmaceutical industry**
- **Electronics industry**
- **Automotive industry**
- **Aviation**
- **Mechanical engineering**

Application-oriented service concepts.

Beyond industry-specific technology, Donaldson also offers service engineering to match each application. To master this challenge down to the smallest detail, we operate a full coverage service network throughout Europe, with competent industry experts and service technicians. In this way, Donaldson is always at your service and in close vicinity, wherever and whenever you want.

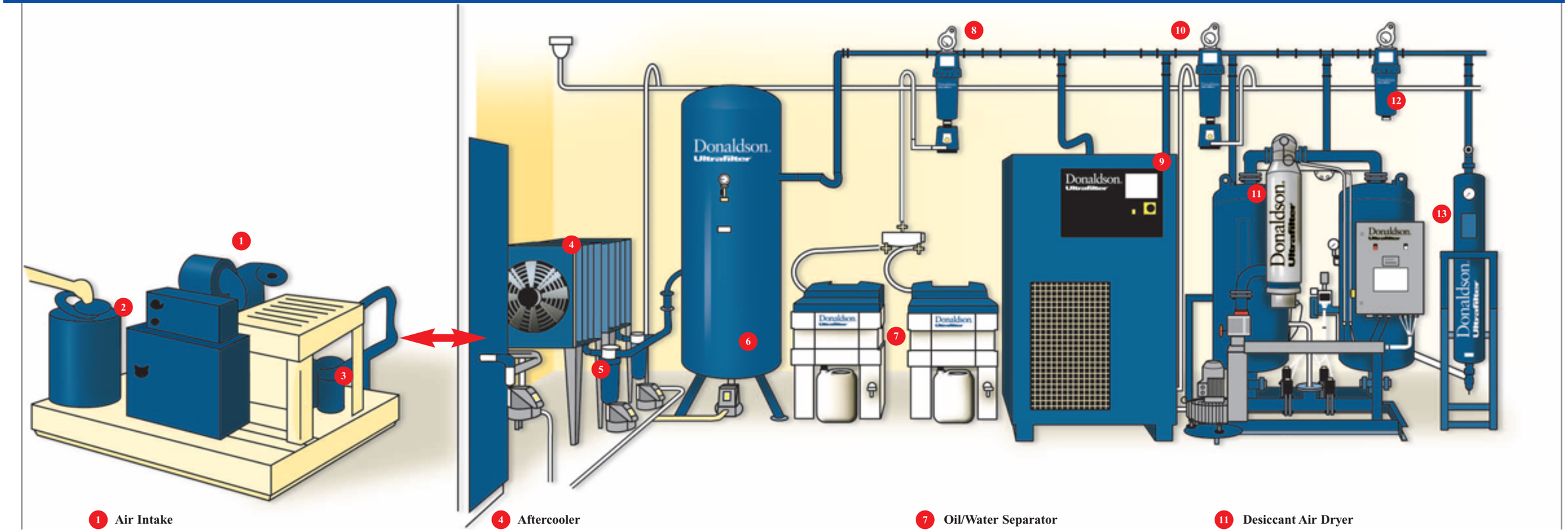




Industry-specific filtration technology.

The product brand **Donaldson Ultrafilter** stands for innovative and total system solutions for compressed air, technical gases and liquids. The product range encompasses industrial and process filters, sterile and liquid filters, refrigeration and adsorption dryers, chillers, condensate drains and condensate purification systems.

World-class system solutions for compressed air treatment.



1. Air Intake
2. Air/Oil Separator
3. Oil Filter
4. Aftercooler
5. Cyclone Separator
6. Receivertank
7. Oil/Water Separator
8. Coalescing Prefilter
9. Refrigerated Air Dryer
10. Coalescing Afterfilter
11. Desiccant Air Dryer
12. Particulate Afterfilter
13. Carbon Adsorber

Donaldson Ultrafilter

Compressed air

Water-free


UFK-W


UFK-L


AG-Z


SG-Z


UFD

Particle-free


AG


SG


HD


PE

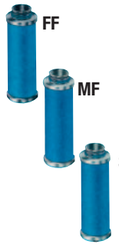

SB

Oil-free


AG

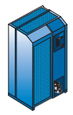

SG

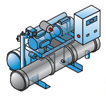

HD


FF
MF
SMF

Drying


Buran


Boreas


SE


Corus HTD/
Bora HPD


FRL


Vario Dry


Ultrapac
2000

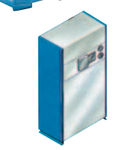

HRE


HRS

Odour-free


AK


ALG 20


ALG


Ultrapure 2000/
Medipac 2000


OFP
2000


OFP


AKC


Ultrapac
HED/ALD/MSD

Sterile


P-BE


P-EG


PG-EG


P-SRF
P-BE


P-SLF

Condensate


UFM- T


UFM- P


UFS-SP N


UFA-AC

Process filtration

Steam

PG-EG

P-EG

P-GS

Gases

UFTD

PP-TF

P-PP

P- PP
100

P-PF-
PP

P-PF-
PT

P-EG

P-PF-PP

PG-EG

R-EG

P-SRF
P-BE

Liquid

P-SM

PP-TF

P-PP

P-PP
100

P-PF-
BEV

P-PF-
PP

P-PF-
PES

P-PF-
PT

P-KG

PF-EG

Process cooling

Water

Ultracool

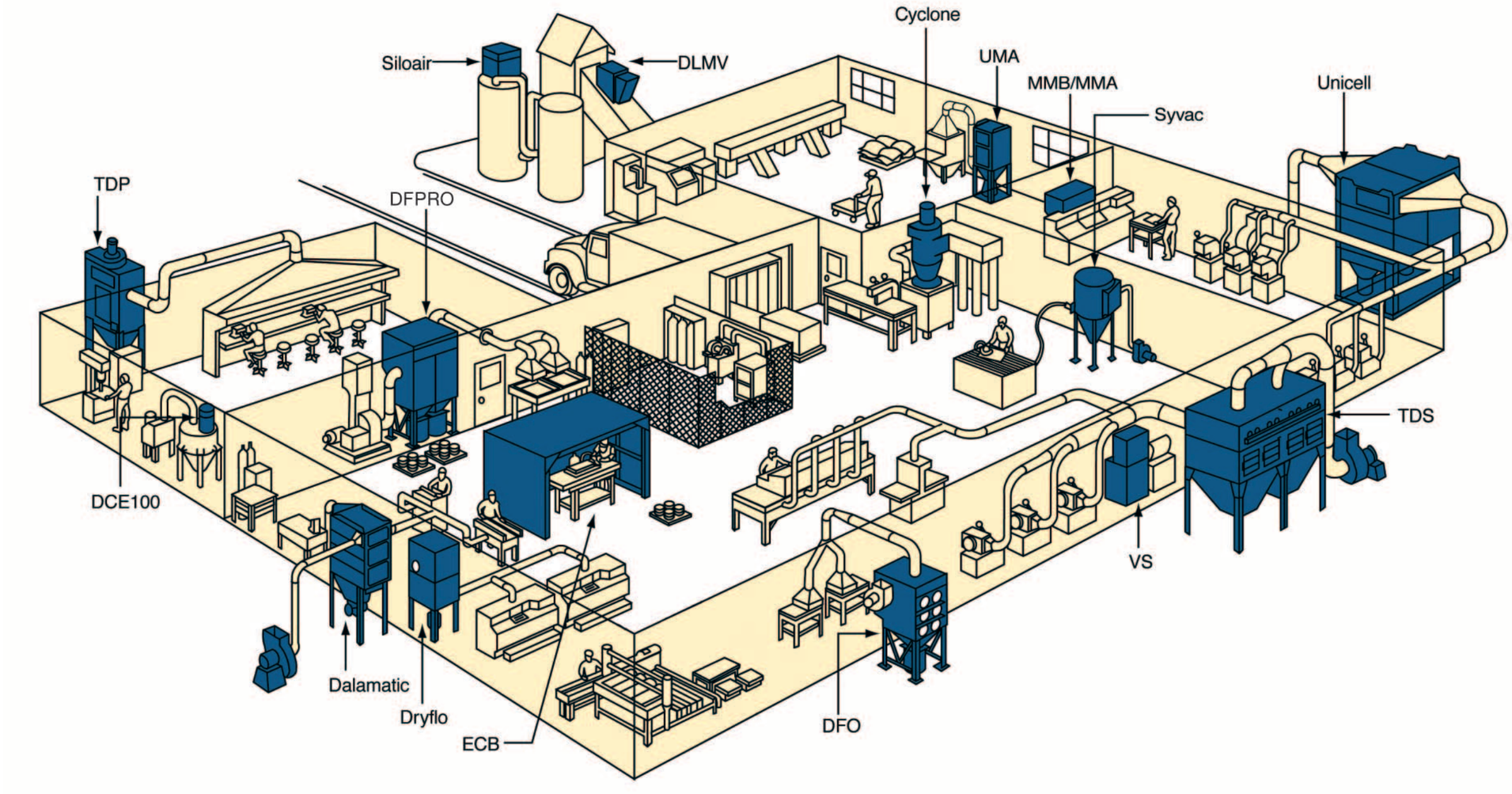
DONALDSON TORIT DCE

- Dust and fume removal
- Oil mist separation
- Process air and technical gases processing

Industry-specific filtration technology.

With the product brand **Donaldson Torit DCE**, we offer an extensive programme of components and systems for the removal of emissions and for the reduction of dust, oil mist and gases. In all fields of industry, the filter systems provide a substantial contribution to environmental conservation and health and simultaneously improve product quality.

World-class components and systems for the removal of emissions.



Donaldson Torit DCE

Reverse jet cleaning



Downflo®
Cartridge media



TD
Cartridge media

 **DFO** Downflo® Oval	**TDP** Unit with pre-seperator
 **DFPRO** Downflo®	**TDS** Shotblast dust collector
	**ECB** Environmental control booth
 **DFP** Downflo® Standard	

Reverse jet cleaning



Dalamatic
Fabric media



Unicell
Spun-bonded polyester media



Sintamatic
Sintered polyethylene media

 **DLM V** Dalamatic Insertable	**Siloair** Silo Venting Filter	**CSI** Sintamatic Insertable
 **DCE 2000** Dalamatic Unit	**C** Unicell Unit	
 **DLM D** Dalamatic Concept		
 **DLM C** Dalamatic Cased		
 **HV-F** Syvac Vacuum Unit	**HV-C** Syvac Vacuum Unit	
	**DCE 100** Mini Air Venting Filter	
 **SA-F** Spotair (Fabric)	**SA-C** Spotair (Spun-bonded)	

Mechanical shake cleaning



Unimaster
Fabric media



Vibra Shake®
Cartridge media

 **UMA H** Hopper Venting Unit	
 **UMA** Standard Bin Unit	**VS** Vibra Shake®
 **UMA STU** Stack Tipping Unit	
 **UMA V** Venting Unit	

Oil mist elemination



Dryflo®
Cartridge media

 **DMC** Oil mist collector
 **MMA/B/C** Machine mountable
 **Mini-MMA**

Insertable collectors
Select Dalamatic or Spotair range



Cased collectors
Select Downflo® Oval, TDP, TDS or DFPRO ranges



Concept units
Select Dalamatic or DFPRO ranges



Central vacuum cleaning systems
Select Syvac



Stand-alone units
Select DCE2000, Unicell, Unimaster or Vibra Shake® ranges



Environmental control booths
Select ECB



Bin and venting units
Select DCE 100 or Siloair ranges



Donaldson
Filtration Solutions

Donaldson. *And everything just got better.*

Total Filtration Management

▶ Donaldson offers a wide variety of solutions to reduce your energy costs, improve your productivity, guarantee production quality and help protect the environment.

Compressed Air Filtration, Sterile Filtration, Process Filtration, Refrigerant Drying, Adsorption Drying, Condensate Drains, Condensate Purification Systems, Water Chillers, Air / Oil Separation, Dust and Fume Removal, Process Air and Gas Processing, Oil Mist Separation

Total Filtration Service

▶ A comprehensive range of services especially designed to keep your production at peak performance and at the lowest total cost of ownership.

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Donaldson
Filtration Solutions

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Ultrafilter

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World-Class.
Industrial Filtration Solutions from Donaldson.