

Aftermarket
Worldwide service
you can trust



Donaldson®
Filtration Solutions

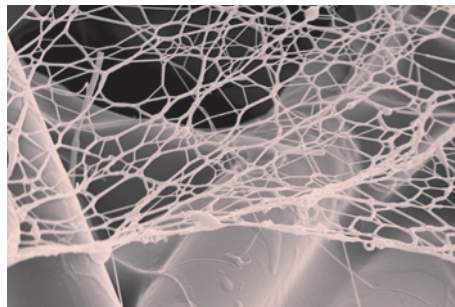
Spare parts



To help customers to obtain maximum turbine availability, Donaldson supplies high quality spare parts that meet or exceed the original parts performance. Donaldson genuine parts offer the best overall cost/quality ratio.

Spider-Web® filter media

Spider-Web is the first filtration technology to effectively combine very high filter efficiency with low airflow restriction, both initially and throughout the life of the filter. Donaldson has the right expertise to develop media that meets the demand of different operating conditions. The result is better turbine protection, lower overall turbine operating costs and extended filter service intervals.

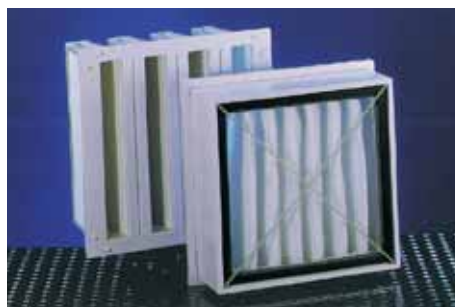


Spider-Web technology advantages:

- true surface dust loading
- low initial and operating pressure drop
- full use of the media surface

Mini-Pleat

The Mini-Pleat filter panel is used worldwide in gas turbine applications. Designed to fit gas turbine static air filter systems, we offer a wide range of panel filter shapes, sizes and efficiencies.



Leak free and rigid, they incinerate completely as there are no metallic parts. Inventive interior angled design allowing moisture to drain away from the media to the dirty airside.

Filter cartridges

Ruggedly constructed, Donaldson cartridges include features as pleatloc and beading. They are available in various lengths and diameters.



- Replacement air filter cartridges for Donaldson and non-Donaldson inlet systems
- Donaldson proprietary filter media with or without Spider-Web technology

Inlet system spare parts

High quality critical parts have been selected to cover all needs for maintenance and overhaul:

- pneumatic components (valves, couplings, switches, etc)
- electrical parts (control panels, solenoids, instrumentation)
- oil and hydraulic filters
- evaporative cooler media and accessories
- filter element retention hardware



By selecting genuine Donaldson parts you eliminate the risk of early performance degradation, unexpected shutdowns or equipment damages. Avoid non-qualified sourcing or reverse-engineered parts when you can get the best by contacting Donaldson.



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Service



Donaldson Gas Turbine Systems values your business and would like to partner with you to solve your unique filtration needs to protect your gas turbines and compressors in your specific application.

We focus on overall customer satisfaction through delivery of reliable service, highest quality spare parts and cost-effective system upgrades. We service Donaldson and other manufacturer equipment.

As maintenance and overhauls of most gas turbine and compressor air intake systems are overlooked, Donaldson is offering a complete range of services to fulfil end users needs.



To ensure high system reliability and return on investment we provide:

- site supervision during equipment erection or maintenance
- air intake commissioning
- site survey and trouble shooting
- air intake system inspection and check-up
- air intake system repair and overhaul
- air intake system upgrade and retrofit
- spare parts supply
- air intake maintenance
- long term maintenance contracts
- technical training and assistance
- long term supply agreements
- Donaldson filter house warranty



Retrofit and upgrade



Known as the filtration solution provider, Donaldson has developed a number of retrofit kits to upgrade your engine air intake performance.

Donaldson proposes a wide range of targets: higher filtration efficiency, lower operating intake pressure drop, moisture control, reduced maintenance, etc. Air cooling to boost your engine performance is also available.

All these kits are designed to lower the operating costs and to improve package performance, reliability and efficiency.



Type of retrofits

Standard kits for Donaldson air filters

- moisture separators (vertical or horizontal)
- control panel upgrades
- D-Fog against dense and long lasting fogs
- silent weather hoods (against pulse noise)
- bird screens

Customised and engineered kits for all types of air intake systems

- higher efficiency filters (Spider-Web Filter Media)
- new air intake filter houses: static or pulse type provide you better filtration efficiency at low operating cost
- new intake ducting and silencing equipment
- air inlet cooling: evaporative coolers or chiller coils
- HEPA (clean room type) filter module

Customer service



Donaldson is the leading supplier of engineered full air intake systems for gas turbine and industrial compressors, for new and retrofit applications.

Our on-going development efforts towards gas turbine air treatment are supported by the most advanced engineering tools in the industry including structural analysis, fluid dynamics and filter modeling.

Providing excellent support to our customers is a hallmark of Donaldson. We understand our customers' needs and provide support throughout the life-cycle of products, from product development and manufacturing to After Sales Service and replacement parts.

Donaldson offers an extensive and fully inclusive After Sales and Technology Support Service.

Rely on Donaldson for the most efficient, productive and cost-effective After Market products and services.



Our GTS customer service is dedicated to provide

- prompt technical and commercial offers
- on time delivery
- wide range of premium quality parts
- global availability
- emergency solutions





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Donaldson reserves the right to change and/or discontinue any model or specification at any time and without notice. Copyright 2004 - Spider-Web® and Pleatloc® are a registered trademark of Donaldson. D-Fog™ is a trademark of Donaldson.

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Maintenance contract and on-site service



For many years, Donaldson has been known as the worldwide leader in the design and manufacture of GT air intake filter systems.



Now, Donaldson also offers customised services to maintain your filter air intake system in perfect operating condition.

Air inlet systems for engines are crucial auxiliaries that require diligent follow-up, proper maintenance and on-site service.

Too often filters are not serviced: malfunctioning pulse clean equipment reduces dramatically filter lifetime; dust leaks lead to major compressor efficiency drops and blade deterioration.

Together with you, Donaldson will tailor a contract according



to your needs. Customer requirements may differ depending on applications, environment etc.; therefore we offer parts on individual basis up to comprehensive full maintenance programs for several years. Whatever the type of contract, it is our commitment to provide you with only high quality parts along with professional site assistance.

Choose Donaldson ! We help you to achieve the projected production goals with the maximum reliability and highest efficiency at the lowest operating cost.



Maintenance contract and on-site service



Spare parts and service typical scope of supply

Spares:

- premium parts (all type)
- on time delivery
- packing and transport

Services:

- site survey
- air intake inspection and check up
- filter house commissioning
- site supervision during maintenance
- preventive maintenance
- corrective maintenance
- training program
- OEM guarantees

Typical contracts

(can be adapted to customer requirements)

	Spares supply	LT spares supply	Bronze	Silver	Gold	Platinum
Period	off one order	2-3 years	2 years	2 years	2 years	6 years
Spare parts supply	X	X	X	X	X	X
Precontractual inspection / commissioning			X	X	X	X
Intermediate inspection (once a year)			X	X	X	X
Supervisor (safety training, method statement)			Optional	Optional	Optional	Optional
Supervision during maintenance			X	X	X	X
Labour				X	X	X
Cabins and lifting equipment					Optional	Optional
Old filter disposal					Optional	Optional
Transport and on time delivery			X	X	X	X
Guarantee on workmanship and defects	X	X	X	X	X	X
Guarantee on filter lifetime (Donaldson self-cleaning filters only)			X	X	X	X

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