



Nederman FilterMax

**Modular and flexible filter system for
fume, dust, particles and explosive dust**

FilterMax Modular Filter System

The easy way to bring fresh air to your workplaces



FilterMax is a modular and compact filter system for filtering of fumes, dust, and coarse particles from welding, cutting, grinding and other dust generating processes. FilterMax is also available in a version for explosive dust according to the ATEX directive.

Thanks to different modules, cartridges and accessories, FilterMax can very easy be built up to match your specific applications. New filter modules can easily be added whenever increased filter capacity is required. All FilterMax Units (except the C25) can be installed indoors and outdoors.

Easy to operate with automatic control



To simplify operation and maintain optimal performance, FilterMax is equipped with an automatic control system that operates and monitors the compressed air Pulse Jet cleaning process. The cleaning system is designed for maximum-performance with minimum noise level. Different alarms notify if errors occur. The control system can also handle fans, dampers and dust feeding equipment.

Energy saving solutions

Nederman offers a range of products such as Fan starters, Frequency Controller and Motorized Dampers, which reduce the energy consumption in a filter system.

System Parts for a complete FilterMax System

Filter Cartridges

A range of filter cartridges is available to deal with different contaminants

FilterMax accessories

- Containers for dust handling in different sizes
- Dust feeders
- Inlet and outlet hoods
- Filter regulator
- Shut-off valves
- Pressure gauge for indication of filter change
- Isolation valves (EX)

Fans

The Nederman Central Fans – NCF – are powerful fans for FilterMax DF, F and SFC. NCF DX explosion proof fans for FilterMax DX are approved for conductive dust in zone 22 in accordance with ATEX directive 94/9 group 2, category 3.

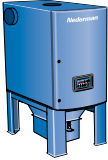
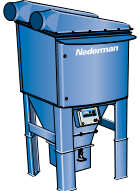

Sound Absorbing Enclosures


The fans are also available built into a Sound Absorbing Enclosure

Safety devices

In order to safeguard an EX installation a safety valve prevents explosions from going back into the system and workshop


A FilterMax for every application

Filters for non explosive applications		Fume and fine dust	Coarse and fine dust	Airflow m³/h
	FilterMax C25 Ready-to go single module filter unit. An easy-to-install, compact filter unit with built-in fan and control equipment. For low volume applications where space is limited	●		1500-2750
	FilterMax DF A basic filter for dust, welding and other industrial applications	●		
	DF 40 - Single module			2200-4300
	DF 80 - Double module			4300-8600
	DF 120 - Triple module			6500-13000
	FilterMax F Filter with integrated pre-separator Reduces the load of coarse particles entering the main filter		●	
	F 30 - Single module			1500-3500
	F 60 - Double module			3000-7000
	F 90 -Triple module			4500-10000

Safety filter / Spark trap		Fume and fine dust	Coarse and fine dust	Airflow m³/h
	FilterMax SFC Back-up filter for the primary filter unit in case of malfunctions. Can also be used as a spark trap in applications with risk of sparks causing fire in the filter system.	●	●	Max load: 4000 m³/h Heavy loads: 2000 m³/h. General filtration: 2000 m³/h



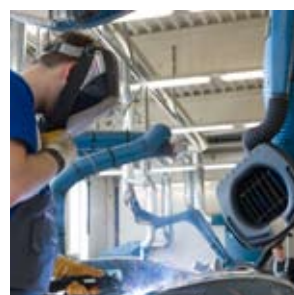
Filters for applications with explosive dust

			Airflow m³/h
	FilterMax DX Designed for extraction of dry powder or dust with explosion risk Equipped with explosion relief panels. The panels can be mounted in various directions		2500-12000



In order to safeguard an EX installation an isolation valve prevents explosions from going back into the system

Bringing good conditions to workplaces and the environment



For more than 60 years Nederman has developed, manufactured and marketed products and system solutions to reduce the strain on the environment and improve working conditions in numerous industries.

We have a profound technical competence and an extensive know-how. Our sales organisation is well acquainted with international and local environmental restrictions and health-related legislations. We take full responsibility from system design to maintenance.

Contact your local Nederman representative today.

Nederman complete solutions

- *Proprietary developed products based on effective technology*
- *Comprehensive product range*
- *Extensive experience of creating the optimum working environment*
- *Worldwide representation*

PRE-STUDIES

PLANNING

SYSTEM DESIGN

INSTALLATION

COMMISSIONING

TRAINING

MAINTENANCE



Nederman

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