

## MFS, Modular Filter System

Ideal for your capture at source extraction system



The Modular Filter System (MFS) simply solves the need of cleaning the air from contaminants (i.e. dust, fumes, aerosols) as well as gases and smells across a broad range of industrial or commercial applications. The modular construction means that the system is suitable for both small workspaces and larger manufacturing works. By supplementing with Nederman fans, extraction arms and control boxes, you can build up a solution for every workplace.

Depending of filter type, typical applications include filtration of contaminants generated from welding or grinding, in laboratory or dental environments, when mixing powders, in chemical handling or when odours from non-toxic solvents are present.





- Simple and quick installation - few parts
- Expandable system ideal for growing businesses
- Can be supplemented with fan, extraction arm and control box
- Economical and efficient

Product name	MFS, Modular Filter System
Filter efficiency (%)	99,995
Installation	Indoor
Suitable for combustible dust	False
Application	Fumes, Dust
Airflow (m <sup>3</sup> /h)	500 - 1000
Filter Area (m <sup>2</sup> )	Standard = 18 HEPA = 13 Compact = 5
Filter type	Cartridge
Number of filter elements	1
Colour	
Note	The flow of air should not exceed 500 m <sup>3</sup> /h per filter unit. The lower the flow of air, the better the filtration ability/absorption.








Fumes      Dust

## MFS, Modular Filter System

Image	Description	Filter material	Weight (kg)	Model
	MFS filter with cartridge, console and connections	18m2 filterarea, Cellulose paper (Category M)	22,6	12600144
	MFS filter with cartridge, console and connections	Micro fibre glass (H13) / Activated carbon	27	12600344
	MFS filter with cartridge, console and connections	Activated carbon (15 kg)	34,8	12600544*
	MFS HEPA filter H14 Compact	Micro fibre glass (HEPA H14 acc. to EN 1822). Filter area 5 m2	18	12613144

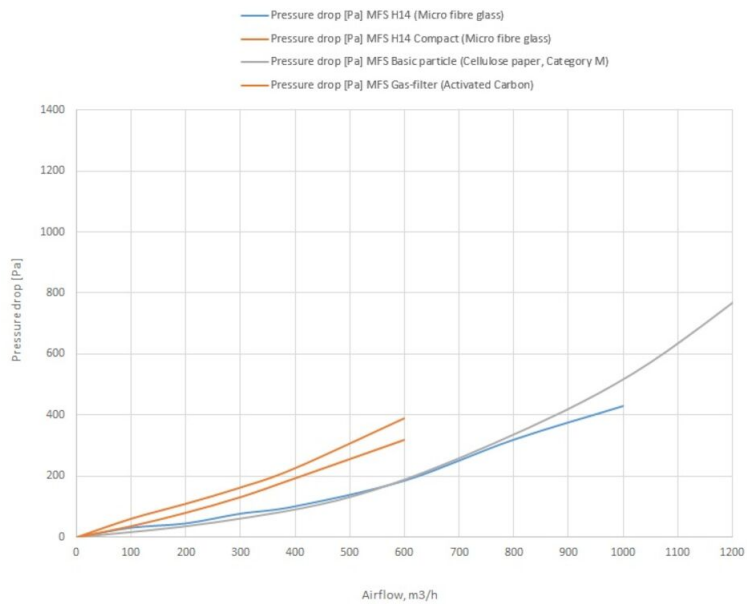
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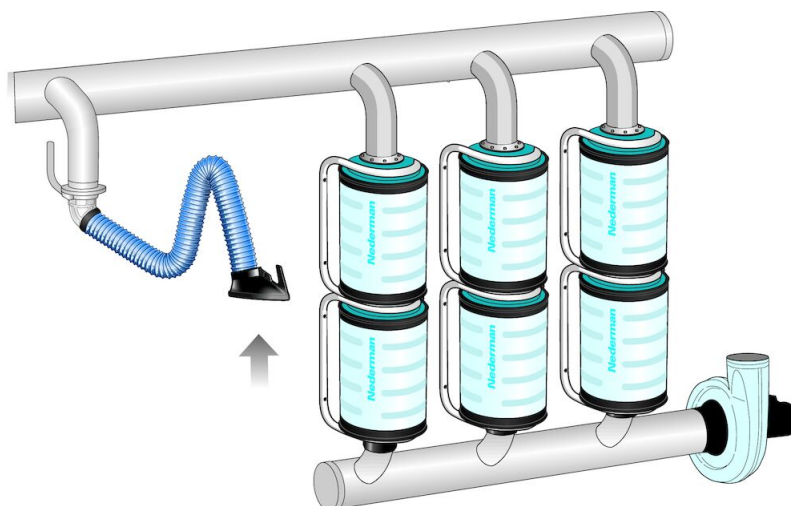
Accessory		Part No
	Replacement bracket for standard sized MFS filters	12600644
	Replacement filter for MFS Basic filter	12600711
	Replacement filter for MFS HEPA + Carbon filter	12600911
	Replacement filter for MFS Carbon filter	12603461
	MFS Compact, HEPA 14 - Replacement filter	12613044
	Filter, particle for MFS	70333000

## MFS, Modular Filter System

### Modular filter system Pressure drop curves



▲ For maximum airflow. Please see filter manual



Installation example

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