

FlexFilter



A flexible new filter system to meet current and future needs.

High Vacuum Systems



A system to build on

FlexFilter is a high vacuum dust collector with a modular design. There are currently several different types of filter, collection containers and accessories which make it easy to adapt FlexFilter to your current and future needs.

Nederman has worked in the field of environmental equipment for more than 50 years and has extensive experience of high vacuum systems. FlexFilter has been created in order to meet various extraction requirements and to meet the challenges and rapid changes presented to modern industry.



Modular system makes FlexFilter adaptable

Thanks to the many standard accessories available, a FlexFilter system can be designed to meet your precise needs without the expense of buying special parts. A dust collector with inspection door and explosion relief panels as well as various types of inlet modules are some of the variations which make the system so adaptable. There is a wide range of collection containers for the FlexFilter. Different models for collection in plastic bin liners, fork lift handled bins or completely automatic emptying during operation are included in the range.

Several FlexFilter dust collectors can be easily joined together if suction requirements increase. There are legs for various heights, for wall mounting or free standing for single or twin assembly.

FlexFilter builds on safety

In many industrial sectors, dust and debris can be an explosion or fire hazard. For this reason, the FlexFilter dust collector can be fitted with either an explosion relief panel or a fire alarm in order to ensure safe operations. Nederman's wide range also features anti-static tubing systems, hoses, valves, etc.

Excellent design means good operating efficiency

The large range of collection containers gives possibilities to choose size and emptying method. Automatic emptying during operation or an alarm when high levels are reached are options to ensure simple and safe waste management.

Nederman offers filters of various qualities to suit different requirements. The normal service life is 8,000 hours, which corresponds to four years of normal operation. Changing filters only takes about an hour in normal circumstances thanks to the fact that the collector can be tilted for easy access from the top of the collector. Filters can also be changed from the top of a standing collector.

The AFC-B control unit cleans the filter automatically using an energy-efficient, but effective, method. FlexFilter normally uses only 3 litres of compressed air/day, whereas filter cleaning in a traditional system can use up to 36,000 litres/day. Each control unit can manage up to four collectors which facilitates future expansion of the system.





Alarm function increases safety

The FBA Nederman alarm unit warns if the pressure drop over the filter becomes too high or if the dust bin is full. The alarm unit can also be connected to automatically shut down the unit when the alarm is activated. Having an alarm installed minimises the risk of expensive damage due to operational disruptions.

At Nederman, we will help you to dimension your vacuum unit and we can supply a complete system, installed and ready to put into operation. Contact us for more information about our high vacuum system.

- Cadmium and halogen-free relays in the control equipment.
- Halogen-free (PVC-free) cables in the control equipment
- Solvent-free washing and lacquering
- 93.6% recyclable
- Environmental goods declaration available.

Nederman[®]

Improving your workspace

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