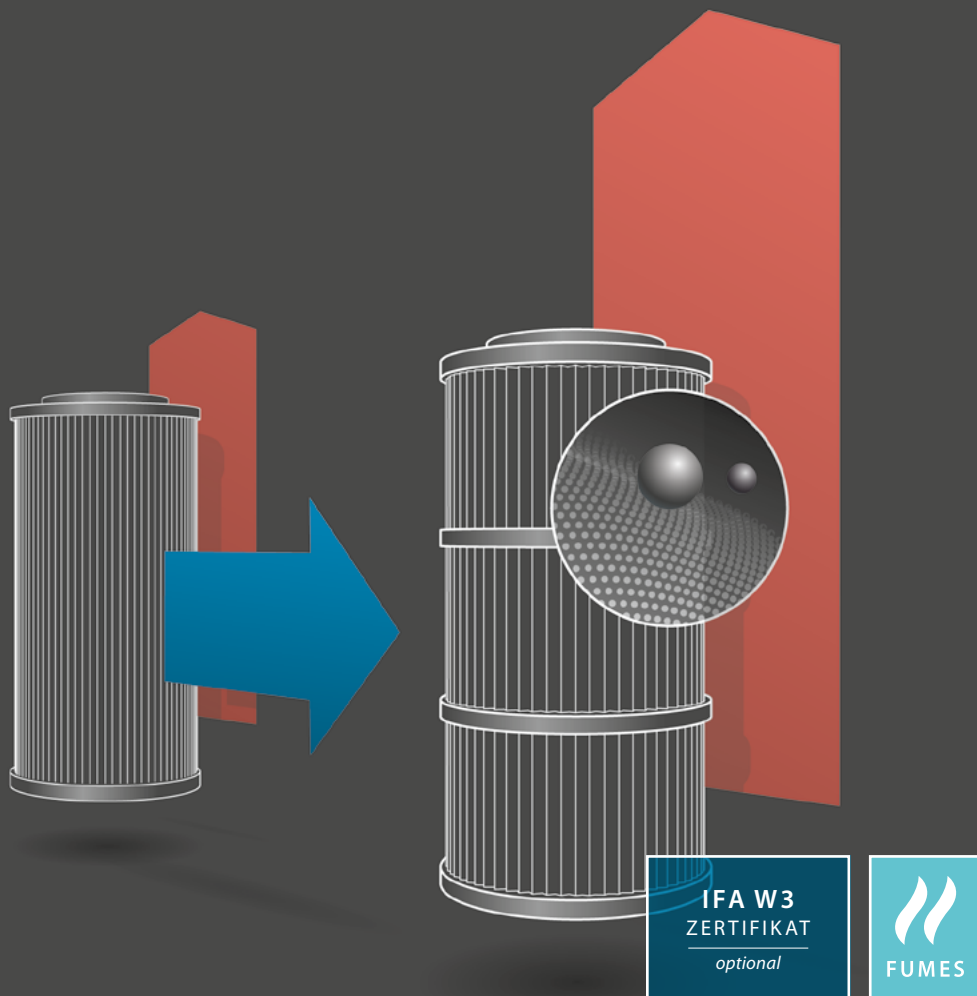


AIRTOWER NANO FILTER CARTRIDGE SET



*Improve your staff safety while
simultaneously extending operating times!*

- + *better filtration performance right from the start*
- + *longer service life with constant pressure loss during operation*
- + *better energy balance*
- + *initial pre-coating no longer required*

For your staff safety – The NOVUS nano filter cartridge set features innovative filter elements with a firmly bonded nanofibre medium. Its efficiency differs considerably from conventional filter media. The nano filter cartridges, with a pleated polyester filter medium and nanofibre coating, protect your staff and equipment right from the start while at the same time reducing energy costs. They get top results when it comes to fine dust and smoke, surpassing the performance of any materials used previously and thus offering maximum safety and efficiency.

Key advantages in detail – The NOVUS nano filter cartridge set is a significant advance on conventional filter elements.

The high removal rate ensures that the residual dust content is low, and that workplace limits are reliably maintained from the very first second. As a result, your staff and the environment are lastingly protected against harmful emissions.

Significantly lower flow resistance levels increase efficiency, resulting in a far lower consumption of power and compressed air, and giving the filter cartridges a longer lifetime. The energy balance can thus be noticeably improved.

Initial pre-coating is no longer required. This makes the filter cartridges easier to handle, cuts back on maintenance work and lowers costs.

The following points briefly sum up other advantages:

- + Constant pressure drop during operation leads to stable air volume flow.
- + ACR can be increased by 30%.
- + Significantly higher usable filter area.
- + Reducing the cleaning pressure to 4 bar saves compressed air.
- + Longer filtration cycles.
- + Lower mechanical stress increases service life and thus durability.
- + Easy cleaning.
- + Multiple ultrasonic cleaning possible.

Certified for use with stainless steel – In the case of a NOVUS Airtower with W3 approval, filter cartridges with a nanofibre coating can be used or retrofitted at any time. The cost of spare parts is reduced by up to 34%.