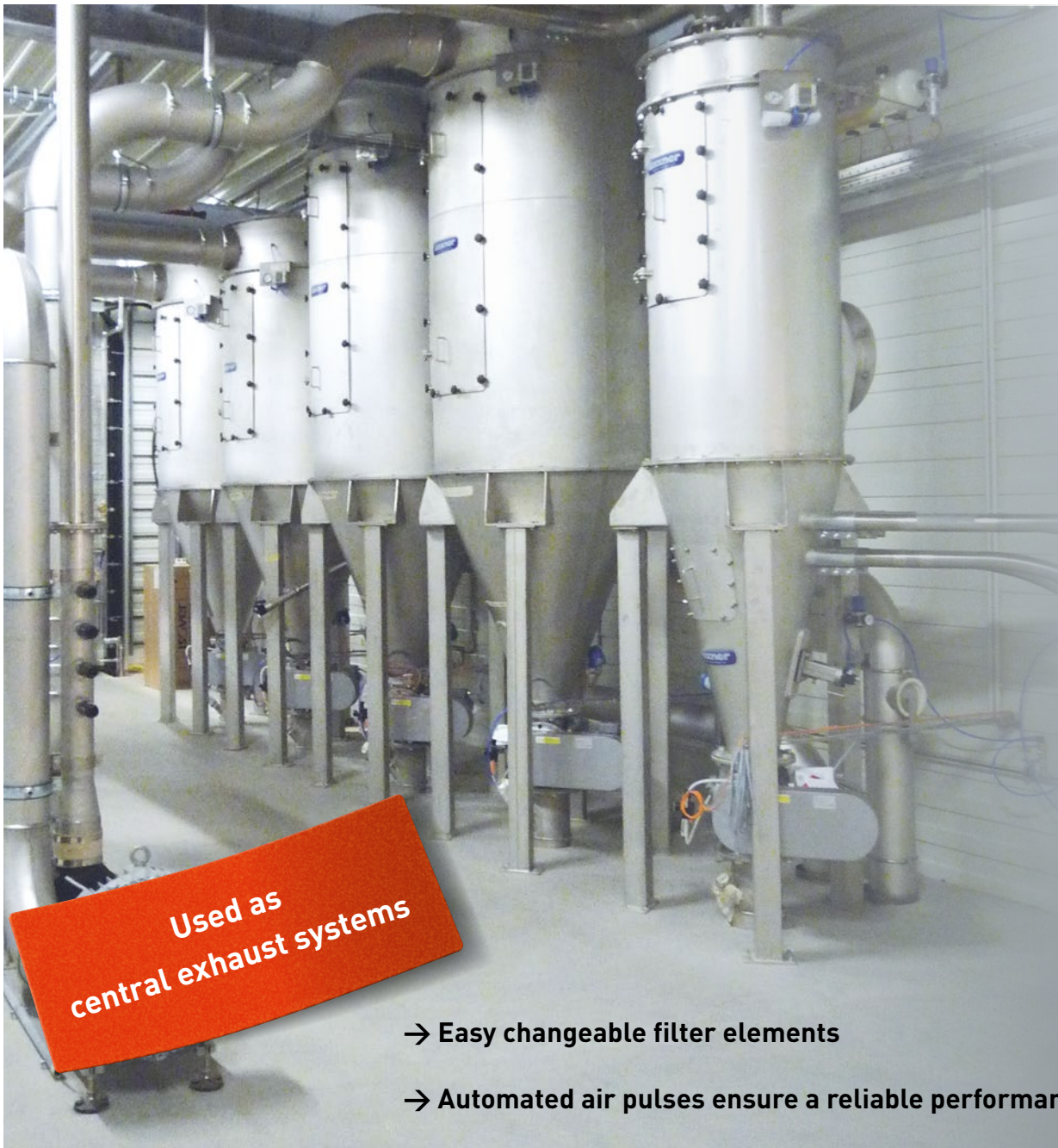


JET FILTER

FREESTANDING ROUND-FILTER HOSES FOR DUST SEPARATION



Used as
central exhaust systems

→ Easy changeable filter elements

→ Automated air pulses ensure a reliable performance



Special advantages of the jet filter:

- High performance filter hoses with a large load capacity
- Automated air pulses ensure a reliable performance
- Round filter housing
- High level of exhaust air cleanliness
- Low requirements of pressurized-air at high levels of hose cleansing

Option:

- Optimal sliding-hose exchange system for easy cleaning
- Optional design for the foods-, animal feed-, chemical- & plastics-industries
- Easy bag exchange at the clean air side on the filter top
- Optional dust explosion rated design (ATEX) for the application in Ex-Zone 22 (94/9/EG)
- Electronic control unit for continuous adjustment of cleaning intervals and cleaning duration
- Also available for negative pressure operation

Functional principle:

Daxner jet filters are designed as total separators, that is the nozzle filters has an integrated container for storage the captured dust. The tank is integrated in the raw gas area and has a funnel-shaped design. Depending on the needs, the collected dust can be removed automatically or converted into a transportable container. The floor-mounted appliance is usually used for central extraction systems and is placed directly on the ground. The number of filter tubes depends on the filter area needs of the request that is sent to the extraction system.

This cleaning of filter bags or the filter cartridges takes place in predetermined, product specific intervals by means provided by the customer, conditioned compressed air automatically.

The choice of filter materials is based on the dustiness of the respective deposited bulk material.

Design:

Cylindrical filter housing consisting of:

- Filter door including rubber seal and screwed with star grips
- Filter head with screwed lid and perforated sheet for the integration of the hose filter or filter cartridges
- Exhaust air-connection nozzle
- Dedusting system consisting of nozzle pipes with air nozzles
- Filter membrane valves with connected pressure vessel
- Hose filter/cartridge filter for dust separation
- Filter material: depending on nature of the dust to be filtered
- Design in stainless steel, material AISI 304, other qualities available on request
- Surface: pickled and passivated

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