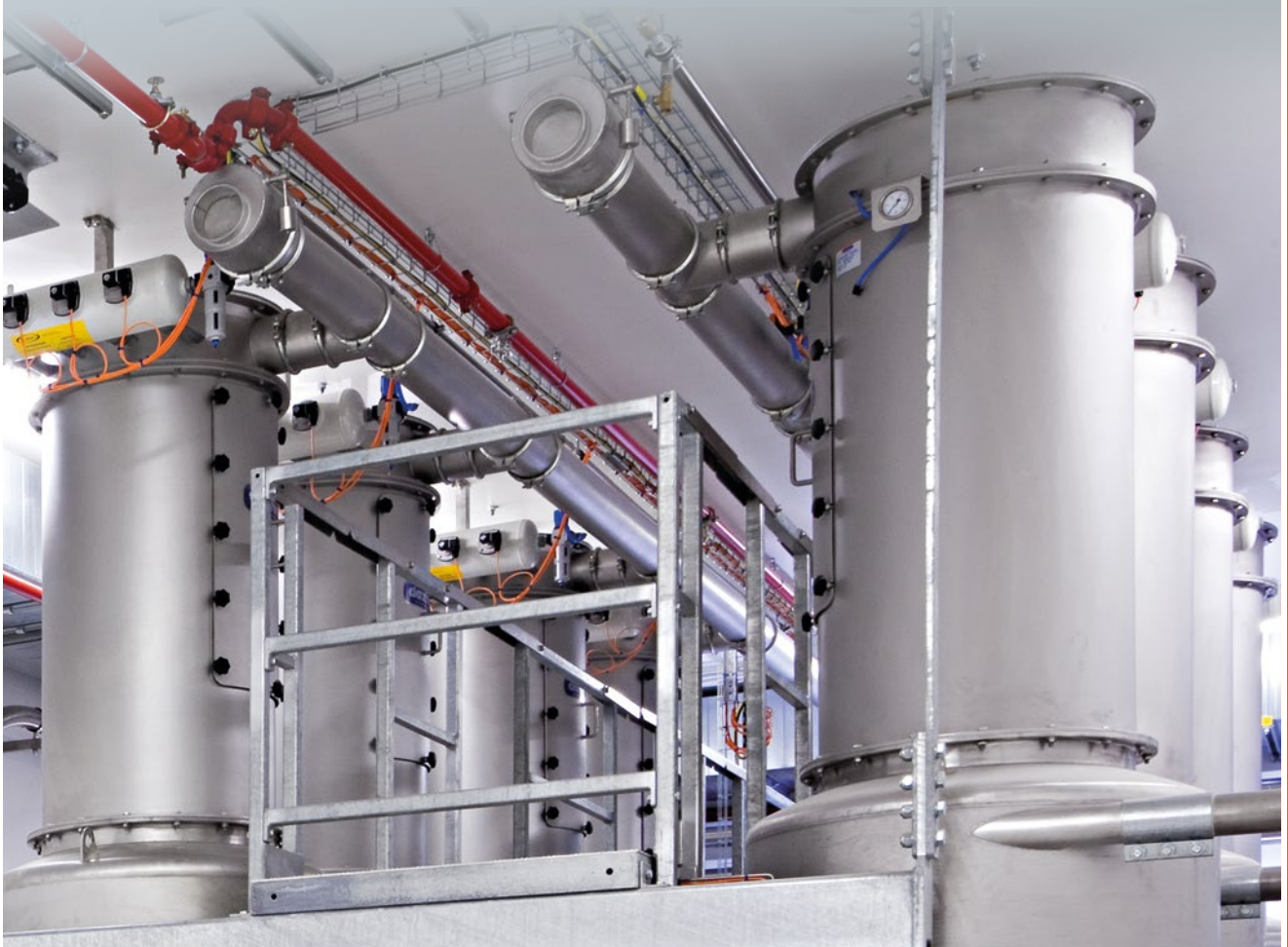


# JET BIN VENT FILTER

- Rounded hose filter for dust separation
- High performance filter hoses with high specific filter areas
- Automated air pulses ensure a reliable performance





## Special advantages of the jet bin vent 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
- Complete dismantling of the filter without the use of tools
- Optional design for the foods-, animal feed-, chemical- & plastics-industries
- 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's jet filter run for fully automatic and maintenance free operation.

The separation of the material air-mixture into clean air and dust happens at the silo-hoses (or cartridges).

Nozzles pressurize the filter hoses with air pulses and so clean them from the remaining dust. This requires oil-free, dry air pressurized with 6-8 bars. The controls system activates the nozzles in a periodical sequence.

Quick action clamps assure an easy disassembly for cleaning and inspection. The easy-slide out hose exchange system allows the exchange of the complete set of filter hoses within seconds by simply opening the door and sliding them out. This system makes it possible to use different filter assemblies for different materials one at the time and so eliminates cross contamination.

## 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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