

INFASTAUB



Breathe The Difference: Pure Air

INFA-VARIO-JET Cartridge filter / Bag filter



INFA-VARIO-JET, AJV Cartridge filter / Bag filter

The INFA-VARIO-JET AJV is especially suitable for de-dusting pneumatic conveying processes of bulk materials. All parts in contact with the product are manufactured of stainless steel serially.

Because of the round construction, the cartridge filter / bag filter is applicable for overpressure / low pressure up to +/- 0.5 bar. But this filter series can be used generally for all cases where a product / dust / air mixture continuously arises over a long period of time. It is also suitable for de-dusting of mechanical transporting and manufacturing processes.

During the filtration phase the cleaning of the filter cartridges or filter bags is done in periodic intervals by pulses of compressed air (jet cleaning). The filter sizes cover a volume flow of 20 m³/h to 4,000 m³/h.

Standard design features

- Basic module consisting of closed filter head, filter elements and pneumatic cleaning unit; individually extensible for flexible adaptation to applications
- Space-saving compact design, e.g. compressed air reservoir is integrated within the clean gas chamber
- Filter housing and all components in contact with the product / dust are made of stainless steel 1.4301
- Housing strength up to +/- 0.5 bar g for pressure- or vacuum-pneumatic operation
- System can be equipped either with filter cartridges or filter bag
- Easy filter media change from the clean gas side with quick clamp fastening
- Temperature range up to 80 °C

Options

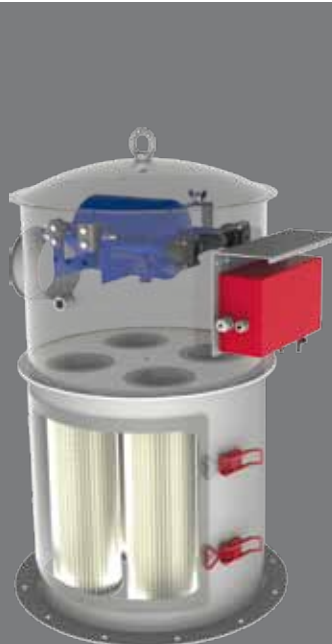
- Filter housing, hopper and dust bin, level indicator within the dust bin, butterfly valve, rotary valve, fan, secondary filter stage
- Design for ATEX zones according to regulation 2014/34/EU
- Electronic control unit for filter cleaning controlled by timing cycle or differential pressure. Also for additional components (fan, rotary valve, etc.)
- Control system and motors for special voltages, e.g. 500 V
- Design for hot gases up to 130 °C
- Filter media available in different qualities, e.g. for food industry according to regulation EU 1935/2004 and EU 10/2011)
- Sound absorbing kits for use in noise-sensitive environments
- Exchange of filter elements on the raw gas side if not enough space in height is available
- Top cover of the clean gas chamber is equipped with quick lockings for a faster access to the pneumatic cleaning unit and filter media



AJV 800-980-22P



AJV 300-980-3P



AJV 500-490-5P



AJV 800-490-11P



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