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INFA-VARIO-JET AJV

Cartridge filter for dedusting of bulk materials

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Highlights

The cartridge filter INFA-VARIO-JET AJV is especially suitable for dedusting 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 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.

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 +/- 50 mbar
- Housing strength up to +/- 0.5 bar g for pressure- or vacuum-pneumatic operation
- System can be equipped either with filter cartridges or filter bags
- Easy filter media change from the clean gas side with quick clamp fastening

Options

- Module-based supplements, e.g.
 - Filter housing
 - hopper and dust bin
 - level indicator within the dust bin
 - butterfly valve
 - rotary valve
 - fan
 - secondary filter stage
- Explosion protected design according to directive 2014/34/EU (ATEX)
- 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. according to regulation 1935/2005 and EU 10/2011 for food industry
- 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

| Filtertype | Filter surface[m²] | Compressed air consumption* [Nm³/h] | Dimension sheet |
|-------------------|---------------------------|--|------------------------|
| 300-490-2 P | 1,7 | 7 | 5021 |
| 300-980-3 P | 3,4 | 7 | 5021 |
| 500-490-5 P | 5 | 7 | 5020 |
| 500-980-10 P | 10 | 7 | 5020 |
| 640-490-7 P | 7,5 | 7 | 5020 |
| 640-980-15 P | 15 | 7 | 5020 |
| 800-490-11 P | 11,2 | 7 | 5020 |
| 800-980-22 P | 22,5 | 7 | 5020 |
| 800-1400-31 P | 31,5 | 7 | 5020 |
| 1100-490-20 P | 20 | 9 | 5020 |
| 1100-980-40 P | 40 | 9 | 5020 |
| 1100-1400-56 P | 56 | 9 | 5020 |

*6 bar at 10 sec. pause

dsf = pressure shock resistant

Downloads

- [Dimension sheets Infa-Vario-Jet AJV](#)
- [Information brochure](#)
- [Typical application](#)

[Your contact person](#)

Market place

You find the market place for used filter units here.

Downloads

You find all manuals PDF files [here](#).

Trade fairs

You find all upcoming fair dates [here](#).

Newsletter

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