



INFA-VARIO-JET AJV

Round filter as bag filter for dedusting of bulk materials

Highlights

Standard design features

Options

Filter types

Highlights

The bag 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 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.

Standard design features

- > Basic module consisting of
 - > closed filter head
 - > filter bags 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 and up to 80 °C
- > 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
- > Design for ATEX zones 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 guideline EU 1935/2005 and EU 10/2011 for food industry
- > Sound absorbing kits for use in noise-sensitive environments
- > Top cover of the clean gas chamber is equipped with quick lockings for a faster access to the pneumatic cleaning unit and filter media

Filter type	Filter surface[m²]	Compressed air consumption* [Nm³/h]	Dimension sheet
300-490-0,5 S	0,5	7	5011
300-980-1 S	1	7	5011
500-550-1 S	1,1	7	5010
500-1100-2 S	2,2	7	5010
640-550-2 S	1,65	7	5010

Filter type	Filter surface[m²]	Compressed air consumption* [Nm³/h]	Dimension sheet
640-1100-3 S	3,3	7	5010
800-550-3 S	2,5	7	5010
800-1100-5 S	5	7	5010
800-1600-7 s	7	7	5010
1100-550-5 S	5	9	5010
1100-1100-9 S	9	9	5010
1100-1600-13 S	13	9	5010

*6 bar at 10 sec. pause

dsf = pressure shock resistant

Downloads

Dimension sheets Infa-Vario-Jet AJV
Information brochure

Your contact person

You find the market place for used filter units [here](#).

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