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Silo filter INFA-JETRON AJP

Fully automatic silo filter for dust separating of exhaust air from silos or containers filled by pneumatic pressure

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Highlights

The INFA-JETRON AJP ..4 silo filter uses the advantages of the AJB and matches them with identical flange size of the shaker filter AM 204, which has been installed on silos for many years. The connecting flanges on the silos don't have to be changed if a mechanically cleaned AM 204 is exchanged by a jet-pulse filter. These costs are saved if investing in a new filter.

The filter can be applied for de-dusting of pneumatic or mechanical conveying processes as well as of processing machines, e.g. dosing plants, sieves, mills, mixers, air locks, sack tipping units etc.

Standard design features

- Silo-top filter with pneumatic cleaning unit, filter housing made of mild steel and clean gas chamber with removable top cover
- Standard +/- 50 mar, up to 60 °C
- Easy exchange of filter media to the clean gas side without tools because of quick clamping device
- Well-balanced ratio between filter surface and dimensioning of housing to support maximum conveyor capacities during de-dusting of pneumatic transport processes
- Space-saving compact design, e.g. compressed air reservoir and control unit are integrated within the clean gas chamber
- Alternatively filter cartridges or filter bags
- Vertical change of filter media from the clean gas side

Options

- Design for hot gases up to 130 °C
- Modular supplements and accessories, e.g.
 - lower section with hopper and dust bin
 - level indicator within the dust bin
 - butterfly valve
 - rotary valve
 - fan
 - inspection cover
- Explosion protected design according to directive 94/9/EG (ATEX)
- Electronic control unit for filter cleaning controlled by time cycle or differential pressure and for additional components (fan, rotary valve etc.)
- Control system and motors for special voltages, e.g. 500 V
- All housing parts and internal parts or components in contact with the product/dust are made of stainless steel
- Filter media available in different qualities (e.g. suitable for food according to regulation EU 1935/2004 and EU 10/2011)
- Sound absorbing accessories for use in noise-sensitive environments

| Filter type | Filter surface[m²] | Compressed air consumption* [Nm³/h] | Dimension sheet |
|--------------------|--------------------------------------|---|------------------------|
| 114 P | 11 | 7 | 4015 |
| 154 P | 15 | 7 | 4015 |
| 224 P | 22 | 7 | 4015 |
| 314 P | 31 | 7 | 4015 |
| 074 S | 7 | 7 | 4015 |

*6 bar at 10 sec. pause

Downloads

- [Dimension sheets Infa-Jetron AJP](#)
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- [Typical application](#)

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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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