



INFA-LAMELLEN-JET AJL

Highly efficient aspiration filters for separation of dry, non-sticky dusts.

Highlights

Standard design features

Options

Filter types

Highlights

The pleated element filter INFA-LAMELLEN-JET AJL is a highly efficient aspiration filter for separation of dry, non-sticky dusts. Filters of this series achieve a maximum filter surface area on minimum space requirements because of their pleated filter elements (filter lamellas).

The series is designed for volume flows of approx. 2,000 up to approx. 40,000 m³/h. The exchange of the filter elements is carried out fast and simply via a big frontal maintenance door.

Standard design features

- > Closed de-dusting unit consisting of

- > > raw gas chamber
- > dust hopper
- > supporting legs
- > clean gas chamber with filter elements
- > pneumatic cleaning unit
- > Housing strength up to +/- 50 mbar g
- > Up to 80 °C
- > Modular system for flexible adaption to specific applications
- > Change of self-supporting filter elements from the clean gas side

Options

- > All housing parts, internal parts or components in contact with the product / dust are made of stainless steel
- > Explosion protected design according to directive 2014/34/EU (ATEX)
- > Pressure-shock resistant design for reduced explosion pressure (0.4 bar g) with pressure relief device
- > Electronic control unit for filter cleaning controlled by timing cycle or differential pressure and for additional components (fan, rotary valve etc.)
- > Control system and motors for special voltages, e.g. 500 V
- > Design for hot gases up to 110°C
- > Filter media available in different qualities (e.g food safe according to regulation EU 1935/2005 and EU 10/2011)
- > Sound absorbing kits for use in noise-sensitive environments
- > Electrical heating of the filter housing including thermal insulation
- > Modular supplements and accessories, e.g.
 - > dust collecting bin
 - > butterfly valve
 - > rotary valve
 - > double pendulum flap
 - > screw conveyor
 - > level indicator within dust bin
 - > flange-mounted or console-mounted fan
 - > inspection cover

Filter type	Filter surface[m ²]	Compressed air consumption* [Nm ³ /h]	Dimension sheet
1/363	36	20	7010
2/363	72	40	7010
3/363	108	60	7010
4/363	144	80	7010
1/723	72	20	7011
2/723	144	40	7011
3/723	216	60	7011
4/723	288	80	7011
1/1083	108	20	7012
2/1083	216	40	7012
3/1083	324	60	7012
4/1083	432	80	7012

*6 bar at 10 sek. pause

Downloads

Dimension sheets Infa-Lamellen-Jet

Information brochure

Typical application

Typical application

Your contact person

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

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

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