

INFASTAUB



Breathe The Difference: Pure Air

INFA-MAT Pocket filter



INFA-MAT, AM pocket filter

The pocket filter INFA-MAT AM is a sturdy and easily mechanical cleanable filter unit. Because of the compact design the installation is also possible in case of constricted space. The proven shaking system ensures an effective cleaning of the filter cloth at low investment and maintenance costs.

The modular variety of the INFA-MAT pocket filter series allows an optimum adaption of the filter units to specific needs. Several types are possible for different dedusting tasks:

- ❶ Vent filters with/without fan for dedusting of conveyor equipment or silos
- ❶ Dedusting unit with hopper and dust bin. Also available with integrated fan. Design possible as one chamber filter or multi chamber filter
- ❶ Bag emptying filter consisting of sack discharge, filter unit and integrated suction fan
- ❶ Optional secondary filter stage for residual dust contents less than 1 mg/m³
- ❶ Filter surface from 6 - 180 m² for volume flows up to approx. 16,000 m³/h

Standard design features

- ❶ Basic module consisting of filter unit with motor-driven cleaning device
- ❶ Housing strength up to +/- 35 mbar g
- ❶ No compressed air necessary
- ❶ Change of filter cloth without tools

Range of application

- ❶ For aspiration of dust-laden air from discontinuously operated working places and machines, e.g. facing, slicing, grinding and polishing machines, crushing mills, mixing equipment, high speed mixer etc.
- ❶ For venting of mechanical conveyor equipment, e.g. belt transfer points, bucket elevators and pneumatic conveying systems
- ❶ For dedusting of silos, bunkers and containers during filling and during discharging of barrels and bags

Pocket filter INFA-MAT AM: compact dedusting unit or venting











venting filter for silos

Operating mode

INFA-MAT pocket filters are mechanically cleaned by a shaking system after completing the dedusting process. Fans of the filter units have to be switched off during cleaning. Cleaning period is normally 30 seconds.

The filter cloth with its combined pockets is easily accessible via a big front door. It is kept in a sliding frame, so that change of filter media is quickly and easily practicable

Options

-  Modular supplements and accessories, e.g. lower section with hopper and dust bin, level indicator within the dust bin, butterfly valve, integrated fan, sack discharge unit, inspection cover, secondary filter stage
-  All housing parts and internal parts or components in contact with the product made of stainless steel
-  Explosion protected design according to directive 2014/34/EU (ATEX)
-  Control unit for filter cleaning and additional components (e.g. fan)
-  Control unit and motors for special voltages, e.g. 500 V
-  Design for hot gases up to 120 °C
-  Filter media available in different qualities (e.g. food-safe according to regulation EU 1935/2005 and EU 10/2011)



Dedusting unit with integrated fan and dust bin

Dedusting unit with integrated fan, dust bin and secondary filter stage

g filter with mechanical cleaning for discontinuous operating



Special version Infa-Boy, IFB pocket filter

The INFA-BOY is a small filter with integrated fan for aspiration of dust-laden air from machines and workplaces. The INFA-BOY can be used for discontinuous work processes.

Standard design features

- Basic module consisting of filter unit with motor-driven cleaning device
- Closed compact design with integrated fan, silencer and dust collection drawer
- No compressed air necessary
- Change of filter cloth without tools

Options

- Mobile unit with rollers
- Control unit for filter cleaning and fan
- Explosion protected design according to directive 2014/34/EU (ATEX)
- Control unit and motors for special voltages, e.g. 500 V
- All housing parts and internal parts or components in contact with the product made of stainless steel
- Filter media available in different qualities



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