



PFC

PREFILTERS IN VENTILATION SYSTEMS

Pocket filters for the separation of coarse and fine dust

- Filter classes G4, M5
- Performance data tested to EN 779
- Eurovent certification for fine dust filters
- Non-woven chemical fibres, welded
- Enlarged filter area due to filter pockets
- Low initial differential pressure and high dust holding capacity
- Different numbers of pockets and pocket depths
- Quick installation and filter changing times due to easy, safe handling
- Fitting into standard cell frames for filter walls (type SIF) or into universal casings (type UCA) for duct installation

Optional equipment and accessories

- Front frame made of plastic or galvanised sheet steel

Application



Application

- Pocket filter made of non-woven chemical fibres type PFC for the separation of coarse and fine dust
- Coarse dust filter: Prefilter in ventilation systems for the separation of coarse dust
- Fine dust filter: Prefilter or final filter for the separation of fine dust in ventilation systems.

Description



Filter classes

- Coarse dust filters G4
- Fine dust filters M5

Construction

- PLA: Frame made of plastic
- GAL: Frame made of galvanised steel

Useful additions

- Filter wall (SIF)
- Universal casing (UCA)

Construction features

- Wedge-shaped filter pockets
- Frame depth of construction PLA: 25 mm
- Frame depth of construction GAL: 20, 25 mm
- Number of pockets: 3, 5, 6

Materials and surfaces

- Filter media made of high-quality non-woven chemical fibres
- Frame made of plastic or galvanised sheet steel

INFORMATION TECHNIQUE

| gravimetrická separační účinnost Coarse [%] podle ISO 16890 | 60 | 80 |
|---|-----|-----|
| Počáteční tlaková ztráta [Pa] při jmenovitém průtoku vzduchu pro T = 360 mm | 35 | - |
| Počáteční tlaková ztráta [Pa] při jmenovitém průtoku vzduchu pro T = 600 mm | 30 | 40 |
| Konečná tlaková ztráta [Pa] | 200 | 200 |
| Maximální provozní teplota [°C] pro rámy z plastu | 60 | 60 |
| Maximální provozní teplota [°C] pro rámy z pozinkovaného ocelového plechu | 90 | 90 |

Pocket filters PFC made of non-woven chemical fibres for the separation of coarse dust when used as a prefilter, and for the separation of fine dust when used as a prefilter or final filter in ventilation systems.

Filter pockets provide a high dust holding capacity at a low initial differential pressure.

Pocket filters made of non-woven chemical fibres are available in standard and special sizes; variable number of pockets and pocket depth; filter classes G4, M5.

Pocket filters used as fine dust filters are certified by Eurovent.

Materials and surfaces

- Filter media made of high-quality non-woven chemical fibres
- Frame made of plastic or galvanised sheet steel

Construction

- PLA: Frame made of plastic
- GAL: Frame made of galvanised steel

Sizing data

- Filter class
- Volume flow rate [m³/h]
- Initial differential pressure [Pa]
- Nominal size [mm]

| | | | | | | |
|--|---|---|---|---|---|---|
| PFC – Coarse – 60 % – PLA – 25 / 592 × 592 × 360 × 6 | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |