TROX® TECHNIK
The art of handling air

Conforme à VDI 6022

# PFS

## PREFILTERS OR FINAL FILTERS IN VENTILATION SYSTEMS

Pocket filters for the separation of fine dust

- Filter classes M5, M6, F7
- Performance data tested to EN 779
- Eurovent certification for fine dust filters
- Meets the hygiene requirements of VDI 6022
- Non-woven synthetic 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 synthetic fibres type PFS for the separation of fine dust
- Fine dust filter: Prefilter or final filter in ventilation systems

## Description

Filter classes

- Fine dust filters M5, M6, F7

Construction

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

Useful additions

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

Construction features

- Frame depth of construction PLA: 25 mm
- Frame depth of construction GAL: 20, 25 mm
- Number of pockets: 3, 4, 5, 6, 7, 8

Materials and surfaces

- Filter media made of non-woven synthetic fibres
- Frame made of plastic or galvanised sheet steel

| | | | | |
|---|---|---|---|---|
| Frakční účinnost ePM10 [%] podle ISO 16890 | 60 | 75 | – | – |
| Frakční účinnost ePM1 [%] podle ISO 16890 | – | – | 60 | 80 |

TROX® TECHNIK
The art of handling air

| | | | | |
|---|---|---|---|---|
| Počáteční tlaková ztráta [Pa] při jmenovitém průtoku vzduchu | 75 | 95 | 110 | 185 |
| maximální konečná tlaková ztráta [Pa] | 250 – 350 | 250 – 350 | 250 – 350 | 250 – 350 |
| maximální provozní teplota [°C] pro plastové rámy | 60 | 60 | 60 | 60 |
| maximální provozní teplota [°C] pro rám z pozinkovaného ocelového plechu | 90 | 90 | 90 | 90 |

Pocket filters PFS made of non-woven synthetic fibres as prefilters or final filters for the separation of fine dust in ventilation systems.

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

Pocket filters made of non-woven synthetic fibres are available in standard and special sizes; variable number of pockets and pocket depth; filter classes M5, M6, F7.

Pocket filters made of non-woven synthetic fibres are certified by Eurovent and meet the hygiene requirements of VDI 6022.

Materials and surfaces

- Filter media made of non-woven synthetic 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]

PFS – ePM1 – 60 % – PLA – 25 / 592 × 592 × 600 × 8
1 2 3 4 5 6 7

46
215021
: (+86) 0512-67168869

: (+86) 021-52981838
: troxchn@troxchina.com

: (+86) 010-88016761
: troxbj@troxchina.com

: (+86) 020-34072475
: troxgz@troxchina.com