



Conforme à VDI 6022

## TYPE PFG

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### PREFILTERS OR FINAL FILTERS IN VENTILATION SYSTEMS

Pocket filters for the separation of fine dust

- Filter classes M5, M6, F7, F9
- Performance data tested to EN 779
- Eurovent certification for fine dust filters
- Meets the hygiene requirements of VDI 6022
- Highest energy efficiency according to Eurovent document 4/11
- Non-woven glass fibres, sewn
- Enlarged filter area due to filter pockets □ Different numbers of pockets and pocket depths
- Low initial differential pressure and high dust holding capacity, □ ideal airflow conditions due to trapezoidal filter pockets
- 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 glass fibres type PFG 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, F9

#### 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, 4, 5, 6, 7, 8

#### Materials and surfaces

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

## INFORMACIÓN TÉCNICA

Frakční účinnost ePM10 [%] podle ISO 16890	60	75	--	--	--
Frakční účinnost ePM1 [%] podle ISO 16890	--	--	60	75	90
Počáteční tlaková ztráta [Pa] při jmenovitém průtoku vzduchu	55	70	80	100	140
Doporučená konečná tlaková ztráta [Pa]	250 - 350	250 - 350	250 - 350	250 - 350	250 - 350
maximální provozní teplota [°C] pro plastové rámy	60	60	60	60	60
maximální provozní teplota [°C] pro rám z pozinkovaného ocelového plechu	90	90	90	90	90

Pocket filters PFG made of non-woven glass 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 glass fibres are available in standard and special sizes; variable number of pockets and pocket depth; filter classes M5, M6, F7, F9.

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

#### Materials and surfaces

- Filter media made of non-woven glass 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 [m<sup>3</sup>/h]
- Initial differential pressure [Pa]
- Nominal size [mm]

**PFG-ePM1-90%-PLA-25/592 x 592 x 600 x 8**

1 2 3 4 5 6 7