



Conforme à VDI 6022



## TYPE PFN

[□ Disponible online -  
configurar ahora](#)

### PREFILTERS OR FINAL FILTERS IN VENTILATION SYSTEMS

Pocket filters for the separation of fine dust

- Filter classes 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
- NanoWave® medium, sewn
- Enlarged filter area due to filter pockets □ Different numbers of pockets and pocket depths
- NanoWave® medium with extremely low initial differential pressure and highest possible 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 NanoWave® medium type PFN for the separation of fine dust
- Fine dust filter: Prefilter or final filter in ventilation systems

## Description □

---

#### Filter classes

- Fine dust filters 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
- Multi-layer filter medium with a prefilter layer and a layer of corrugated extra fine fibres
- Frame depth of construction PLA: 25 mm
- Frame depth of construction GAL: 20, 25 mm
- Number of pockets: 3, 4, 5, 6, 7, 8, 10

#### Materials and surfaces

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

## INFORMACIÓN TÉCNICA

Frakční účinnost ePM10 [%] podle ISO 16890	60	-	-
Frakční účinnost ePM1 [%] podle ISO 16890	-	65	90
Počáteční tlaková ztráta [Pa] při nominálním průtoku vzduchu	60	80	130
Max. provozní teplota [°C] pro rámy vyrobené z plastu	60	60	60
Max. provozní teplota [°C] pro rámy vyrobené z pozinkovaného ocelového plechu	90	90	90
Koncová tlaková ztráta [Pa]	300	300	300

Pocket filter PFN made of NanoWave® medium as prefilters or final filters for the separation of fine dust in ventilation systems.

Wedge-shaped filter pockets ensure ideal airflow conditions.

Highest possible dust holding capacity with an extremely low initial differential pressure due to a multi-layer filter medium with a prefilter layer and a layer of corrugated extra fine fibres.

Pocket filters made of NanoWave® medium are available in standard sizes; variable number of pockets and pocket depth; filter classes M6, F7, F9.

Pocket filters made of NanoWave® medium are certified by Eurovent and meet the hygiene requirements of VDI 6022.

#### Materials and surfaces

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

PFN-ePM1-90%-PLA-25/592×592×600×10

|  
1

|  
2

|  
3

|  
4

|  
5

|  
6

|  
7