

Type PFS



PREFILTERS OR FINAL FILTERS IN VENTILATION SYSTEMS

Pocket filters for the separation of fine dust

- Filter groups ISO ePM10, ISO ePM2.5 and ISO ePM1 (fine dust filters)
- Performance tested to ISO 16890
- 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

- 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

Nominal sizes

- B × H × T [mm]

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

Standards and guidelines

- Test according to ISO 16890; international standard for general room air distribution; classification of arrestance efficiency based on the measured fractional arrestance efficiency, which is processed into a reporting system for the fine dust arrestance efficiency (ePM)
- For fine dust filters, the fractional arrestance efficiency of a certain size range is determined by aerosols (DEHS and KCl)
- The filters are classified into filter groups ISO ePM10, ISO ePM2.5 and ISO ePM1 depending on the tested values
- Construction PLA meets the hygiene requirements of VDI 6022, VDI 3803, DIN 1946 Part 4, ÖNORM H 6021 and ÖNORM H 6020, SWKI VA 104-01 and SWKI 99-3, and EN 16798

TECHNICAL INFORMATION

TECHNICAL DATA, SPECIFICATION TEXT, ORDER CODE, RELATED PRODUCTS



DIMENSIONS



TROX Austria GmbH



Lichtblaustraße 15
1220 Wien, Austria

Telefon +43 1 250 43-0
Fax +43 1 250 43-34
E-Mail: trox@trox.at

Online-Services

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Sales Austria
and technical consulting
+43 1 250 43 0
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