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> Type TFM

Type TFM



FOR CRITICAL AIR CLEANLINESS AND CRITICAL HYGIENE REQUIREMENTS, SUITABLE FOR CEILING INSTALLATION

Particulate filter modules as final filter stage with Mini Pleat filter panels for the separation of suspended particles. Use in laboratories, medical areas, or production rooms in the pharmaceutical and food industry.

- Individual casings can be combined to ceiling sections
- For air cleanliness classes 5 to 8 according to ISO 14644-1
- Easy, time-saving, and secure filter change due to special press-in frame
- With sealing integrity test facility for filter elements
- Equipment for differential pressure measurement
- Meets the hygiene requirements of VDI 6022

APPLICATION

Application

- Particulate filter module type TFM for ceiling installation as final filter stage and for air distribution in clean room technology
- Individual casings can be combined to ceiling sections
- Fitting of filter elements for the separation of suspended particles such as aerosols, toxic dusts, viruses and bacteria from the supply or extract air

Special characteristics

- Compact construction
- Extremely easy operation
- High operational reliability
- Individual casings can be combined to ceiling sections

Nominal sizes [mm]

- B × L

DESCRIPTION

Useful additions

- Mini Pleat filter panels (MFP)
- Suitable filter elements to be ordered separately

Construction features

- Clamping mechanism with 4 fixing points for filter elements
- Sealing integrity test facility for checking the filter function
- Pressure measurement points to monitor the differential operating pressure
- Spigot (circular, top entry)

Materials and surfaces

- Casing made of sheet steel, powder-coated RAL 9010, pure white
- Diffuser face plate made of perforated sheet metal with perimeter return edge, powder-coated RAL 9010, pure white

Standards and guidelines

- Hygiene meets the 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 13779

Maintenance

- Diffuser face plate for easy removal for filter change and decontamination

TECHNISCHE INFORMATION

Specification text, Order code, Related products

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SPECIFICATION TEXT

Particulate filter modules type TFM for ceiling installation as final filter stage and for air distribution in clean room technology.

Individual casings can be combined into ceiling sections. Fitting of filter elements for the separation of suspended particles such as aerosols, toxic dusts, viruses and bacteria from the supply or extract air.

Casing with top entry spigot.

Particulate filter module with clamping mechanism with 4 fixing points for filter elements.

As standard, the casings are equipped with a sealing integrity test facility and pressure measurement points for monitoring the operating differential pressure.

For the fitting of Mini Pleat filter panels using a flat section seal.

Diffuser face plate made of perforated sheet metal with perimeter return edge, powder-coated RAL 9010, pure white.

Leakage test for each casing.

Special characteristics

- Compact construction
- Extremely easy operation
- High operational reliability
- Individual casings can be combined to ceiling sections

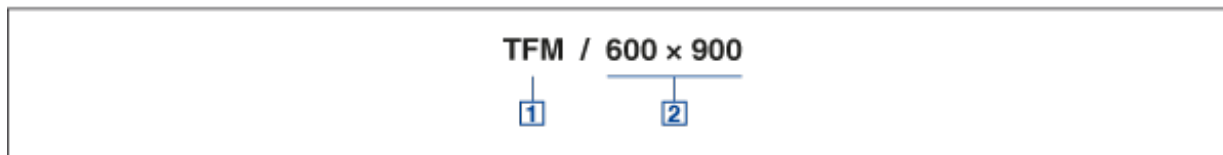
Materials and surfaces

- Casing made of sheet steel, powder-coated RAL 9010, pure white
- Diffuser face plate made of perforated sheet metal with perimeter return edge, powder-coated RAL 9010, pure white

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ORDER CODE

TFM



① Type

TFM Particulate filter module

② Nominal size [mm]

600 × 600
600 × 900
600 × 1200

Dimensions and weight

DIMENSIONS AND WEIGHT

Alle Gewichtsangaben sind netto, ohne Verpackung

②

②		Filtergröße	①	②	③
B	L	B × H × T	M	ØD	kg
600		535 × 535 × 78	549	248	22
	900	835 × 535 × 78	849	313	27
600	1200	1135 × 535 × 78	1149	348	32

① Lochabstand Aufhängung oben ② Durchmesser Anschlussstutzen ③ Gewicht (ca.)

Basic information and nomenclature

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Installation and commissioning

- The filter elements are pressed into place using four easy-to-handle tensioning elements

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