TROX® TECHNIK
The art of handling air

TFW

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

Wall mounted particulate filters as final filter stage with Mini Pleat filter panels for the separation of suspended particles. Used in medicine, biology, pharmaceuticals, and sensitive technical areas.

- Easy, time-saving and secure filter change, can be completed by one person due to special press-in frame
- For air cleanliness classes 5 to 8 according to ISO 14644-1
- Different constructions for filter elements with different frame depths
- Casing with indentations to ensure the precise fitting of the filter elements
- Equipment for differential pressure measurement, sealing integrity testing, and particle sampling for measurement
- Meets the hygiene requirements of VDI 6022

Conforme à VDI 6022

Application

Application

- Particulate filter type TFW for wall installation as final filter stage and for air distribution
- 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
- Easy connection to ducts
- High operational reliability

Description

Construction

- SPC: Steel, powder-coated RAL 9010, pure white

Attachments

- SL: Ventilation grille
- ASL: Ventilation grille

Useful additions

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

Construction features

- Clamping mechanism with 2 fixing points for filter elements
- Sealing integrity test facility for checking the filter function
- Pressure measurement points to monitor the differential operating pressure

- Casing with adapter frame facilitates connection to ducts

Materials and surfaces

- Casing made of sheet steel, powder-coated RAL 9010, pure white
- Ventilation grille SL made of sheet steel, powder-coated RAL 9010, pure white
- Ventilation grille ASL made of anodised aluminium sections

Particulate filters air terminal device type TFW for wall installation as final filter stage and for air distribution.

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 clamping mechanism with 2 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. Ventilation grille type SL made of sheet steel, powder-coated RAL 9010, pure white, or type ASL made of aluminium.

Leakage test for each casing.

Special characteristics

- Compact construction
- Easy connection to ducts
- High operational reliability

Materials and surfaces

- Casing made of sheet steel, powder-coated RAL 9010, pure white
- Ventilation grille SL made of sheet steel, powder-coated RAL 9010, pure white
- Ventilation grille ASL made of anodised aluminium sections

Construction

- SPC: Steel, powder-coated RAL 9010, pure white

TFW – SPC – ASL / 662 × 325 × 476
1 2 3 4 5

1 Type
TFW Wall mounted particulate filter

2 Casing material
SPC steel, powder-coated RAL 9010, pure white

3 Air terminal device
No entry required: None
ASL
SL

4 Nominal size [mm]
ASL
662 × 325

SL
680 × 325

5 Casing depth [mm]
G

TFW–SPC–ASL/662×325×476

Material	Steel, powder-coated, RAL 9010, pure white
Air terminal device	ASL
Nominal size	662 × 325 mm
Casing depth	476 mm

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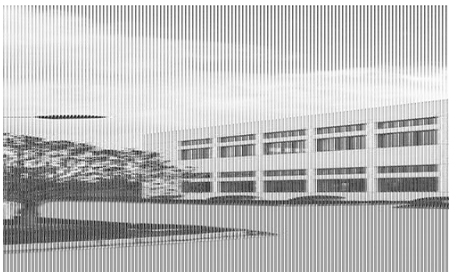

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215021
: (+86) 0512-67168869

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

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

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