



Conforme à VDI 6022

## 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

## 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

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### 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

## INFORMACIÓN TÉCNICA

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  
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 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                                     |