



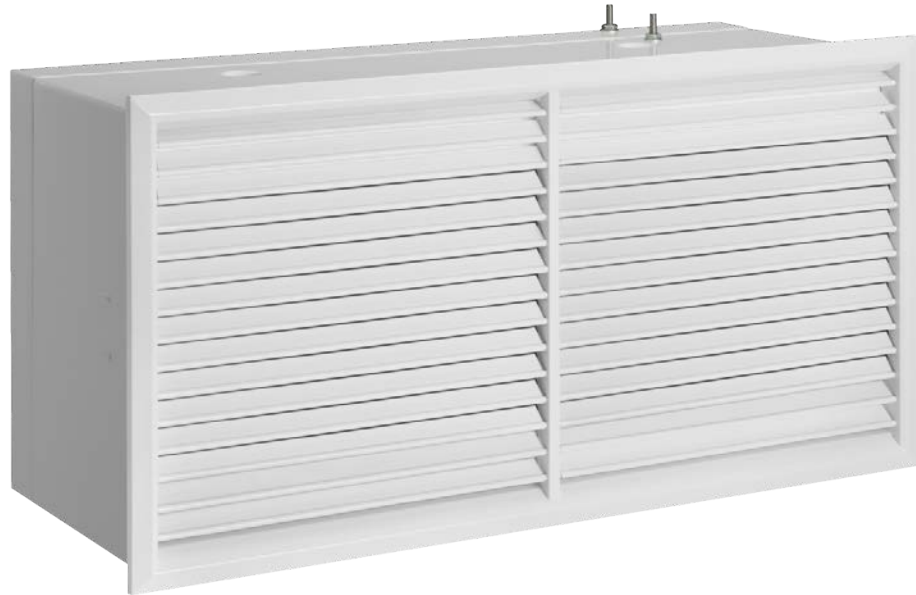
Adapter frame for
connection to ducts



Tested to VDI 6022

Particulate filter air terminal devices

KMC



For critical air cleanliness and critical hygiene requirements, suitable for wall installation

Wall mounted particulate filters as a final filter stage with Mini Pleat filter panels for the separation of suspended particles. Used in medicine, biology, the pharmaceuticals industry, 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 various 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

General information
Specification text
Dimensions

General information

Application

- Particulate filter air terminal devices for wall installation as a final filter stage and for air distribution
- Fitting of filter elements for the separation of suspended particles such as aerosols, toxic dusts, viruses, bacteria from the supply or extract air.

Construction

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

Nominal sizes

- Casing depth 262, 334, and 476 [mm]

Useful additions

AT ventilation grille

Useful additions

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

Special features

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

Construction features

- Clamping mechanism with 2 fixing points for filter elements
- Sealing integrity test facility to check the filter function
- Measurement points for monitoring 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 AT, made of aluminium, powder-coated RAL 9010, pure white

Commissioning

- The filter element is pressed into place using 2 easy-to-handle clamps
- Fastening of the various diffuser faces by concealed screw fixings (by others)

Standards and guidelines

- Hygiene conformity according to 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
- Leakage class: L1 according to EN 1886 and D according to EN 15727

Maintenance

- Air terminal devices with a concealed screw fixing to facilitate removal for filter change and decontamination

Specification text

Specification text

Particulate filter air terminal device type KMC for wall installation as a 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 with a flat seal. Ventilation grille X-GRILLE modular, made of aluminium, anodised E6-C-0 (no colour) or powder-coated RAL 9010 (pure white). Leakage test for each casing.

Special features

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

Materials and surfaces

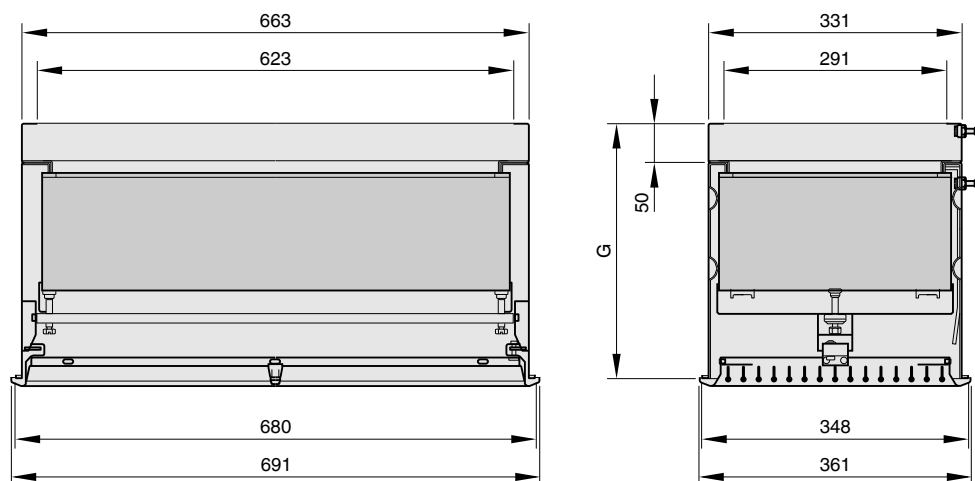
- Casing made of sheet steel, powder-coated RAL 9010, pure white
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Constructions

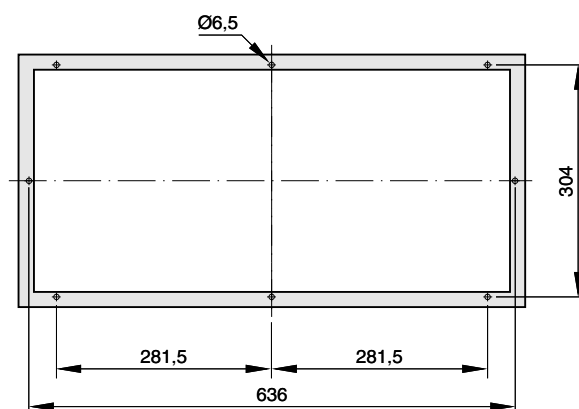
- SPC: Steel, powder-coated, RAL 9010, pure white

Dimensions

Dimensional drawing of KMC



KMC flange dimensions



Dimensions [mm] and weight [kg]

Wall mounted particulate filter with ventilation grille AT

Nominal size		Filter size	Casing depth	Weight
L	H	B × H × T	G	kg
665	335	305 × 610 × 78	262	10
665	335	305 × 610 × 150	334	11
665	335	305 × 610 × 292	476	12