TROX® TECHNIK
The art of handling air

DCA

FITTING OF FILTER ELEMENTS FOR THE SEPARATION OF SUSPENDED PARTICLES IN AREAS WITH STANDARD REQUIREMENTS

Duct casing for Mini Pleat filter panels, Mini Pleat filter cells, and activated carbon filter cells. For installation into the ductwork of ventilation systems

- Highly variable due to different dimensions and space-saving, compact casing sizes
- With side service door for easy filter change
- Easy handling and secure sealing due to clamping mechanism
- Clamping mechanism for easy filter change and secure, air-tight assembly
- Quick installation without any requirement for additional attachments since the casing frame is used as connecting frame
- Delivery as fully assembled unit

Optional equipment and accessories

- Clamping screw with star grip for the service door

Application

Application

- Duct casing for particulate filters type DCA for installation into the ductwork of ventilation systems
- Fitting of filter elements for the separation of suspended particles such as aerosols, toxic dusts, viruses and bacteria from the supply or extract air
- Fitting of activated carbon filter cells for the separation of gaseous odorous substances and contaminants from the supply and extract air

Description

Construction

- R: Service door on the right (in direction of airflow)
- L: Service door on the left (in direction of airflow)

Accessories

- Clamping screws with star grips for the service door

Useful additions

- Suitable filter elements to be ordered separately

- Mini Pleat filter panels (MFP)
- Mini Pleat filter cells (MFC)
- Activated carbon filter cells (ACF)
- Other filter elements upon request

Construction features

- Side service door for easy filter change, can be on the left or right when viewed in the direction of airflow
- Frame system made of welded aluminium sections with support angle for fixing the filter elements
- Clamping mechanism for secure sealing between the frame system and the filter elements

Materials and surfaces

- Casing made of galvanised sheet steel
- Frame system made of welded aluminium sections

TECHNICAL INFORMATION

Duct casings for particulate filters, type DCA, for installation into the ductwork of ventilation systems.

Fitting of filter elements for the separation of suspended particles such as aerosols, toxic dusts, viruses and bacteria from the supply or extract air; also for the fitting of activated carbon filter cells for the adsorption of gaseous odorous substances and contaminants.

Duct casing with side service door for easy filter change, with optional clamping screws with star grips.

Location of the service door on the left or right depending on the direction of airflow.

Duct casing with frame system made of welded aluminium sections with support angle for fixing the filter elements.

Clamping mechanism provides secure sealing between the frame system and the filter element. The casing frame with its wide sealing surfaces forms the connecting frame for ducts.

Duct casings of various sizes are supplied fully assembled. Pressure measurement points are part of the supply package but must be set up on site by others.

Materials and surfaces

- Casing made of galvanised sheet steel
- Frame system made of welded aluminium sections

Construction

- R: Service door on the right (in direction of airflow)
- L: Service door on the left (in direction of airflow)

DCA

DCA / 1428 × 1428 × 654 / R

1 2 3

1 Type
DCA Duct casing for particulate filters

2 Nominal size [mm]
B × H × T

3 Service door
R On the right (in direction of airflow)
L On the left (in direction of airflow)