

Cartridge filters

FSCQ



Description

The FSCQ cartridge filters are designed for filtering air flowing through square ducts. The casing of each FSCQ cartridge filter is the square duct in which it is installed. The cartridge filter is inserted into the square duct from above, and then locked and sealed in place with clasps.

This design of the FSCQ cartridge filter allows easy replacement of the filter element. The filter element is made of a pleated filter element mat protected by a galvanized steel wire mesh.

The FSCQ cartridge filters can be provided with class:

- EU3/G3/ISO Coarse 50%,
- EU4/G4/ISO Coarse 80%,
- EU5/G5/ePM10 50%,
- EU6/G6
- EU7/F7/ePM2.5 65%.
- Optional filter elements include versions for separation of grease fumes and oil mist vapour.

The cartridge filters are available in aluminium, galvanized steel or stainless steel for long service life and regenerability. The filter element is 40 mm thick; 50 mm thick filter elements are available on request. The dimensions of the filter inserts are reduced by 5 mm in relation to the AxB dimension of the housing.

Available categories of filter elements:

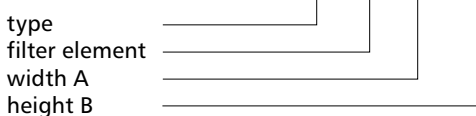
- 3 - class EU3/G3/ISO Coarse 50% filter element
- 4 - class EU4/G4/ISO Coarse 80% filter element
- 5 - class EU5/G5/ePM10 50% filter element
- 6 - class EU6/G6 filter element
- 7 - class EU7/F7/ePM2.5 54% filter element
- T - oil and grease filter element

Available materials - Product code examples

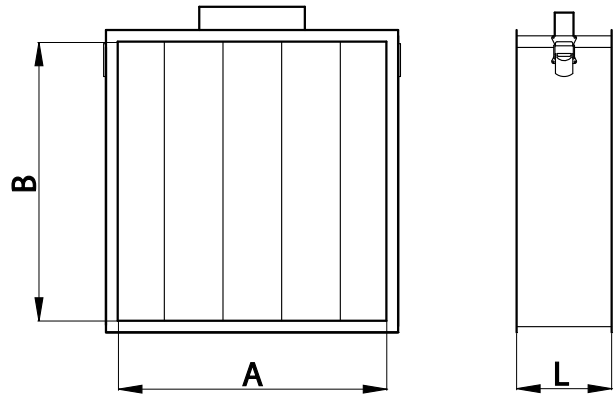
FSCQ-....-....-.... - galvanized steel sheet

Product code example

Product code: **FSCQ - a - bbb - ccc**



Dimensions



All filters have a fixed casing of length L = 140 mm. The maximum filter dimensions are 2000x2000mm.

Dane techniczne

FSCQ class EU3/G3 cartridge filter (for 5400 m³/h/m²)

Initial resistance: 40 Pa

Final resistance: 200-250 Pa

FSCQ class EU5/G5 cartridge filter (for 900 m³/h/m²)

Initial resistance: 45 Pa

Final resistance: 450 Pa