TROX® TECHNIK
The art of handling air

KSFSSP

FOR FILTER UNIT SYSTEMS WITH HORIZONTAL AIR ENTRY AND OUTLET

Spigot for assembling filter unit systems in ductwork

- Spigots made of sheet steel with decontaminable powder coating RAL 9010
- Air deflection plates in the air outlet spigot ensure a uniform airflow through the system, reduce the total differential pressure, and lower energy costs
- For filter unit systems of up to 6 filter casings in a row
- Leakage test for the entire filter unit system

Optional equipment and accessories

- Stainless steel construction

Application

Application

- Spigot type KSFSSP for assembling a filter unit system with ducted particulate filters type KSFS for critical requirements

Description

Construction

- M: Casing without prefilter
- PM: Casing with prefilter
- SPC: Steel, powder-coated RAL 9010, pure white
- STA: Stainless steel
- Number of casings: 1 – 6
- MD: Casing with service board
- TLBR: Air entry at top left, air outlet at bottom right
- TRBL: Air entry at top right, air outlet at bottom left
- TRBR: Air entry at top right, air outlet at bottom right
- TLBL: Air entry at top left, air outlet at bottom left
- SPM: Casing and spigot factory assembled
- SPP: Casing and spigot separate

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
- Ducted particulate filter (KSFS)

Construction features

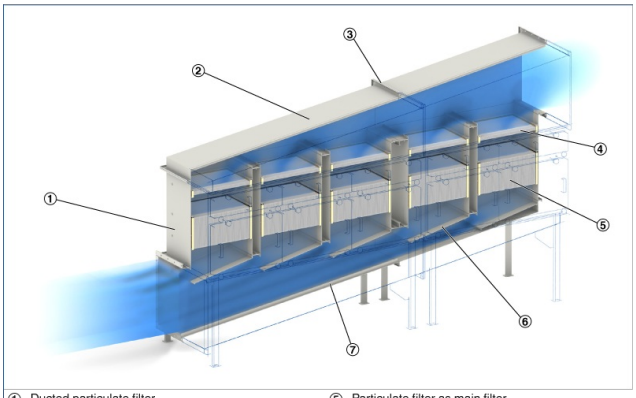
- Spigot with support legs, for horizontal air entry or outlet, available for systems with up to six filters units in a row
- Air deflection plates in the air outlet spigot ensure a uniform airflow through the system, reduce the total differential pressure, and lower energy costs
- For filter unit systems consisting of four or more filter units in a row, the casings are delivered separately

Materials and surfaces

- Spigot made of either sheet steel, powder-coated RAL 9010, pure white, or of stainless steel

INFORMATION TECHNIQUE

Schematic illustration of KSFSSP



① Ducted particulate filter
② Air entry spigot
③ Separating point for transport
④ Fine dust filter as prefilter
⑤ Particulate filter as main filter
⑥ Air deflection plate for flow optimisation
⑦ Air outlet spigot with support legs

Spigots type KSFSSP for assembling a filter unit system with ducted particulate filters type KSFS for critical requirements.

Filter unit system consisting of a ducted particulate filter type KSFS with support legs, for horizontal air entry and outlet.

Spigot available for systems of up to six filter units in a row, factory assembled.

The arrangement of the spigots can be selected. The air outlet is fitted with air deflection plates that ensure a uniform airflow through the system and reduce the total differential pressure.

Leakage test for the entire filter unit system.

Materials and surfaces

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KSFSSP

KSFSSP – PM – SPC / 710 × 794 × 710 × 4 / MD / TLBR / SPP
1 2 3 4 5 6 7 8

1 Type
KSFSSP Spigot

2 Construction
M Casing without prefilter
PM Casing with prefilter

3 Material
SPC Steel, powder-coated RAL 9010, pure white
STA Stainless steel

4 Nominal size of KSFS [mm]
B × H × T

5 Number of casings
1
2
3
4
5
6

6 Service board
No entry: none
MD Casing with service board

7 Spigot arrangement
TLBR Air entry at top left, air outlet at bottom right
TRBL Air entry at top right, air outlet at bottom left
TRBR Air entry at top right, air outlet at bottom right
TLBL Air entry at top left, air outlet at bottom left

8 Standard construction
SPM Casing and spigot factory assembled
SPP Casing and spigot separate