

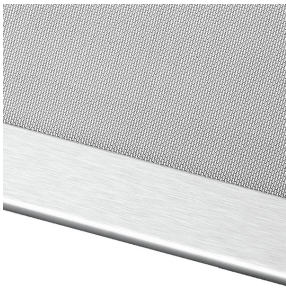


SCREWED  
CONSTRUCTION



KNURLED SCREW FOR  
TOOL-FREE FASTENING

Front grille with screw fixing



STAINLESS STEEL  
GROUND, GRAIN 240

Stainless steel ground, grain  
240



TESTED TO VDI 6022

Tested to VDI 6022

## FSG

### FOR SEPARATING FLUFF AND TEXTILE FIBRES IN OPERATING ROOMS AND ADJOINING OPERATING ROOMS

Use in health care buildings and rooms

- Completely made of stainless steel
- Grille face can be dismantled without tools
- Grinded grille face frame, grain size 240
- Easy cleaning
- Disinfectant-resistant
- Stainless steel wire mesh with narrow mesh width (0.5 mm)
- According to the requirements of DIN 1946 Part 4
- Meets the hygiene requirements of VDI 6022

## Application

- For wall mounting in health care rooms
- Wire cloth for separating fluff and textile fibres from surgical clothing or surgical drapes

## Classification

- Hygiene-conformity according to VDI 6022
- Construction according to DIN 1946 Part 4

## Nominal sizes

- B x H
- Width 225 mm to 625 mm
- Height 225 mm to 425 mm

## Description

---



### Special characteristics

- Compact construction
- Easy cleaning
- Sizes available in 1 mm increments
- Tool-free, simple assembly and disassembly of the grille face frame with knurled screws
- Stainless steel wire mesh

### Materials and surfaces

- Material stainless steel (1.4301)
- Grinded grille face frame, grain size 240

### Installation and commissioning

- Grille face frame with wire mesh
- Grille face frame with screw fixing
- Connection to air duct provided by customer

### Normen und Richtlinien

- Hygiene-Konformität nach: VDI 6022, VDI 3803, DIN 1946 Teil 4, ÖNORM H 6021 und ÖNORM H 6020, SWKI VA 104-01 und SWKI 99-3 sowie EN 13779

## Nominal sizes

- B x H
- Width 225 mm to 625 mm
- Height 225 mm to 425 mm

## TECHNICAL INFORMATION

### Specification Text, Order Code

---



Specification text

FSG fluff separator for separating fluff and textile fibres from surgical clothing and surgical drapes in health care rooms. The separation of the fluff takes place directly on the surface of the wire cloth at the suction point. The air ducts and the downstream filters are effectively protected against fibrous particles. The economical and trouble-free operation of the air conditioning systems is ensured. The fluff separator can be easily cleaned using conventional methods. For this purpose, the knurled screws are loosened from the grille face frame. The frame is then removed from the holder. After cleaning, reassembly is carried out in reverse order.

Classification

- Hygiene-conformity according to VDI 6022
- Construction according to DIN 1946 Part 4

Construction features

- Frame welded and pickled
- Wire cloth according to ISO 9044
- Mesh aperture 0.5 mm
- wire diameter 0.315 mm

Maintenance

- Easy disassembly of grille face frame for cleaning and decontamination

FSG - S / 425 x 225  
 | | |  
 1 2 3

1 TypeFSG Fluff separator 2 ConstructionS Grille face with screw fixing 3 Nominal size [mm]B x H225 ≤ B ≤ 625225 ≤ H ≤ 425

Order example: FSG-S/425x225

Nominal size 425 x 225 mm

Construction Grille face with screw fixing

Dimensions



B	225		325		425		525		625	
H	kg	m³/h	kg	m³/h	kg	m³/h	kg	m³/h	kg	m³/h
225	1,4	190	1,7	320	2,1	450	2,6	580	3	710
325	1,7	320	2,2	540	2,6	760	3,1	980	3,5	1200
425	2,1	450	2,6	760	3,1	1070	3,3	1380	4,1	1690

Stainless steel ground grain 240



Knurled screw for tool-free fastening



Screwed construction



Front grille frame with wire mesh

