SPIE BLOCK

cat. no. 408.03

Ceiling

OPERATING THEATRE FILTER OUTLET







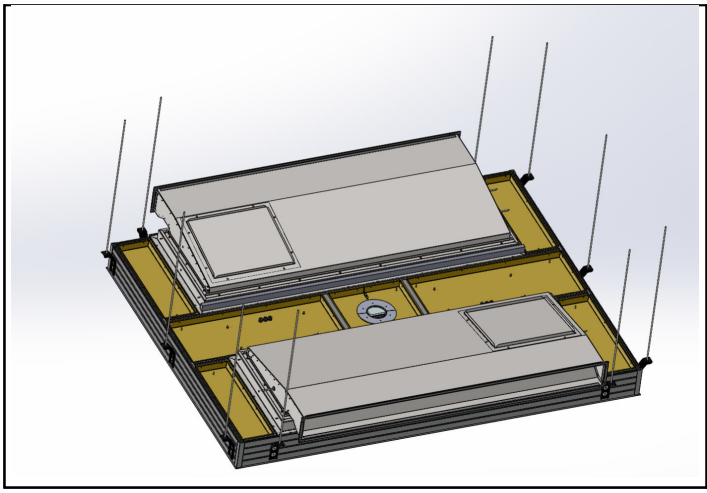
The Operating Theatre Filter Outlet is designed to create a uniform air stream of defined cleanliness in septic and aseptic operating theatres.

It meets the highest hygienic and technical requirements for air filtration, including compliance with DACH market standards (VDI 6022, VDI 2083).

Using the filter outlet ensures minimal contamination in the air stream during operations, as bacteria, viruses, and dust particles are captured by HEPA filters immediately before the air enters the operating theatre. The product is designed for filter classes E11 to U15.

Key Features:

- **High Airtightness:** Casing construction achieves airtightness class C according to EN 15727.
- **Filtration:** The outlet is connected to a pre-filtered air supply (min. F7). Final filtration takes place in the filter extensions via HEPA filters (standard H14 according to EN 1822 / ISO 29463).
- **Laminarity:** Diffusers and a laminariser ensure a uniform flow velocity of 0.2 ÷ 0.25 m.s-1.
- **Lighting:** Integrated LED panels with continuous brightness control (dimming capability).





TECHNICAL DATA

Product Type
Operating Theatre Filter Outlet

Dimensions
FV 1875x1875
FV 1875x2500
FV 2500x2500
FV 3000x3000
Atypical dimensions

HVAC Connection
Atyp
Standard (from opposite sides)

Lighting Type
LED panel
LED panel (spec according to project)
No lighting

Lighting Control
Non-dimmable
No luminaires
Dimmable

Filtration Class
H14 (compatible with E11-U15)

Filter Dimensions
915x610x104 (for 1875x2500)
915x770x104 (for 3000x3000)
915x770x104 (for 2500x2500)
1525x610x104 (for 1875x1875)

Surgical Light Tube Diameter
Standard Ø125
Atyp

Upper Casing Surface
Galvanized sheet
Atyp

Lower Casing Surface
Powder coated (RAL 9016)

MORE INFORMATION, PHOTOS

