

Ceiling

## OPERATING THEATRE FILTER OUTLET



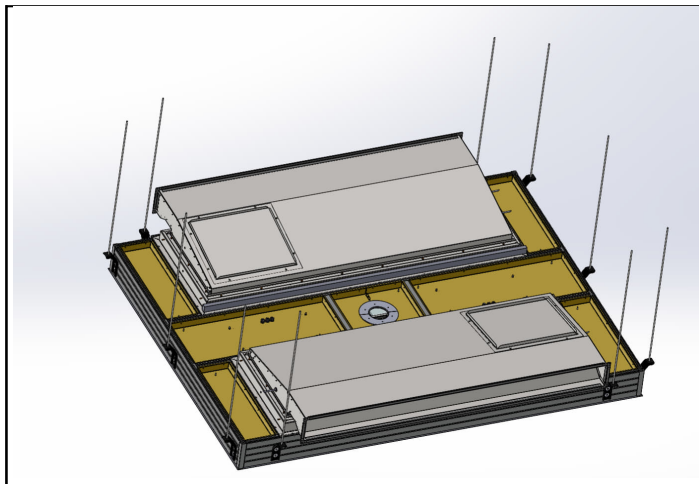
The Operating Theatre Filter Outlet is designed to create a uniform air stream of defined cleanliness in septic and aseptic operating theatres.

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  $0.2 \div 0.25$  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

