

LAMINAR FIELDS



Laminar fields are used to direct incoming air from PUROFIL filtration adapters.

The casing of the laminarizer is attached to the filtration adapters which form laminar fields in the lightweight metal suspended ceiling. A laminar field may consist of filtration adapters only or combined with light fixtures and tiles. If necessary, the facing can be designed for laminar fields of different sizes. Flexible or solid screens can be attached to the facing along the perimeter of the laminar field, with standard or antistatic design. Laminar fields can be set next to each other.

MORE INFORMATION, PHOTOS



TECHNICAL DATA

Product type

Laminar field of PUROFIL adapters

Number of laminar flow fields

layout must be documented in a drawing

Number of PUROFIL filtration adapters in a laminar field

for adapters with filter 570x570 mm, layout must be documented in a drawing

for adapters with filter 1180x1180 mm, layout must be documented in a drawing

for adapters with filter 1180x555 mm, layout must be documented in a drawing

Height of laminar field facing

150 mm

175 mm

200 mm

225 mm

150, 175, 200, 225 - facing height in mm

Outlet design

laminarizator - standard

perforated metal sheet

Lighting - only for the laminarizator version

without lighting

with fluorescent lighting

Shape of laminar flow field

L-shaped array – shape and screens must be documented in a drawing

rectangle in LK consisting of N x M ceiling panels (O2x1 ÷ O4x3, n=max.4, m=max.3)

Locations of screen holders (except for L-shaped brackets)

screens at side, front, side side

screens along the whole perimeter of the laminar field

screens at front, side, rear side

screens at front and left side (front side is longer), same as rear and right side

screens at front and right side (front side is longer), same as rear and left side

screens at front (longer) side

screens not specified

Screens

without screens

flexible slat screens

fixed screens

flexible antistatic slat screens

fixed antistatic screens

Screen length

length of screens in mm (min. length 250 mm)

Facing material and surface finish

steel sheet class 11, hue RAL 1015, 5% extra charge

steel sheet class 11, hue RAL 6027, 5% extra charge

steel sheet class 11, hue RAL 9002, 5% extra charge

steel sheet class 11, hue RAL 9016

stainless steel AISI 304