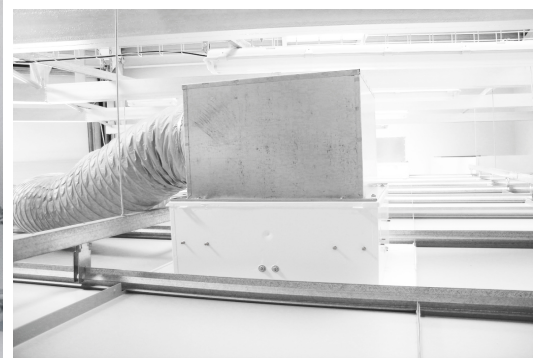


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Filtration attachments

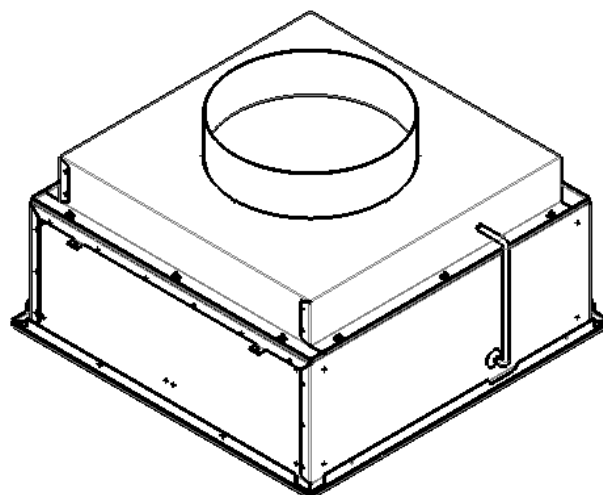
PUROFIL FILTRATION ADAPTERS FOR LIGHTWEIGHT METAL SUSPENDED CEILING (LK)



PUROFIL filtration adapters are intended as an end filtration element in the air distribution system for environments with high demands for the purity of incoming air - such as operating theatres, sterilisation rooms, intensive care units, different areas in pharmaceutical industry, electrical engineering industry, mechanical engineering industry, food industry, etc.

Adapters are produced in several dimensions of facing, according to HEPA filter size.

To distribute incoming air, the adapters are fitted with a swirling vent-grille or a perforated element at the bottom.



MORE INFORMATION, PHOTOS



TECHNICAL DATA

Type of product

PUROFIL filtration adapters for lightweight metal suspended ceiling

A - old system (until 06/2005), B - old system (until 06/2009), C - new snap-on system - compatible with the innovated lightweight metal suspended ceiling and light fixtures (since 06/2009), D - new designation (since 05/2013), E - change of designation as of 10/2015 (filter corner clamps, 8 mm end element for the middle screw in the girder)

Filter dimensions

Filter dimensions 305 x 305 x 117

Filter dimensions 457 x 457 x 117

Filter dimensions 570 x 570 x 117 (cannot be used in the 600 grid)

Filtration class

filtration class E11

filtration class H13

filtration class H14

Nominal flow rate for filter H14

Nominal flow rate 75 m3/h (only for filters size 305 x 305 mm)

Nominal flow rate 135 m3/h (only for filters size 305 x 305 mm)

Nominal flow rate 170 m3/h (only for filters size 457 x 457 mm)

Nominal flow rate 185 m3/h (only for filters size 305 x 305 mm)

Nominal flow rate 210 m3/h (only for filters size 305 x 305 mm)

Nominal flow rate 250 m3/h (only for filters size 570 x 570 mm)

Nominal flow rate 300 m3/h (only for filters size 457 x 457 mm)

Nominal flow rate 410 m3/h (only for filters size 457 x 457 mm)

Nominal flow rate 470 m3/h (only for filters size 570 x 570 mm)

Nominal flow rate 475 m3/h (only for filters size 457 x 457 mm)

Nominal flow rate 630 m3/h (only for filters size 570 x 570 mm)

Nominal flow rate 730 m3/h (only for filters size 570 x 570 mm)

Nominal flow rate for filter H13 and E11

Nominal flow rate 1040 m3/h (only for filters size 570 x 570 mm)
Nominal flow rate 1210 m3/h (only for filters size 570 x 570 mm)
Nominal flow rate 130 m3/h (only for filters size 305 x 305 mm)
Nominal flow rate 1320 m3/h (only for filters size 570 x 570 mm)
Nominal flow rate 170 m3/h (only for filters size 305 x 305 mm)
Nominal flow rate 210 m3/h (only for filters size 305 x 305 mm)
Nominal flow rate 260 m3/h (only for filters size 305 x 305 mm)
Nominal flow rate 300 m3/h (only for filters size 305 x 305 mm)
Nominal flow rate 320 m3/h (only for filters size 457 x 457 mm)
Nominal flow rate 330 m3/h (only for filters size 305 x 305 mm)
Nominal flow rate 420 m3/h (only for filters size 457 x 457 mm)
Nominal flow rate 520 m3/h (only for filters size 570 x 570 mm)
Nominal flow rate 530 m3/h (only for filters size 457 x 457 mm)
Nominal flow rate 640 m3/h (only for filters size 457 x 457 mm)
Nominal flow rate 690 m3/h (only for filters size 570 x 570 mm)
Nominal flow rate 740 m3/h (only for filters size 457 x 457 mm)
Nominal flow rate 820 m3/h (only for filters size 457 x 457 mm)
Nominal flow rate 860 m3/h (only for filters size 570 x 570 mm)

Air intake

side with round neck
side with rectangular neck
upper with round neck

Size of inlet neck

rectangular neck 120x265, for transition Ø200
rectangular neck 120x417, for transition Ø250
rectangular neck 145x530, for transition Ø315
rectangular neck 80x265, for transition Ø160
rectangular neck 80x417, for transition Ø200
rectangular neck 95x530, for transition Ø250
round neck diameter 160
round neck diameter 200
round neck diameter 250
round neck diameter 315

Damper

Damper (for side round inlet only)
without damper

Transition piece

without transition
one-sided HVAC transition piece

Standard suspended ceiling dimensions

ceiling grid dimensions 600x600
ceiling grid dimensions 625x625, preferred

Exhaust element

swirling diffuser with fixed slats
swirling diffuser with manually adjustable slats
ceiling diffuser
perforated metal sheet
Swirling vent-grille

Surface of the exhaust element and visible surfaces of the adapter

Stainless steel AISI 304 SB (cannot be used for section S10 Exhaust element for item AN)

thermosetting powder coat Komaxit, standard hue RAL 9016

Powder coating (Komaxit), hue RAL

Atypical execution

Typical execution

Atypical execution

Typical execution

0 - clear choice from the options

Atypical execution

Q - Atypical design, which can not be clearly identified by means of code