

HEPA-FILTER PANEL – EP-11/HP-13

Kalthoff-HEPA-Filter panels are composed of high quality microfibre paper and spacers of thermo-plastic adhesive. The self-supporting media pack with its optimized pleating geometry is connected particle-tight to the frame. The installing position of the filter is not relevant for operation.

Each filter panel of filter class H13 and better is single-tested according to EN 1822 and according to ISO 29463. All required technical data are labelled on the filter.



Casing Material
MDF (standard)
Galvanized sheet steel (standard)
Stainless steel (material code 1.4301) (optional)
Gasket
Flat profile gasket (standard)
Continuous foam gasket (optional)
Grooved gasket (optional)
High temperature gasket (optional)

Standards (casing material: MDF)
(other dimensions upon request)

Width [mm]	Height [mm]	Depth [mm]	standard nominal airflow [m³/h]	increased nominal airflow [m³/h]
305	305	292	460	545
305	610	292	980	1165
457	457	292	1130	1340
457	610	292	1540	1830
610	610	292	2100	2500
762	610	292	2660	3160

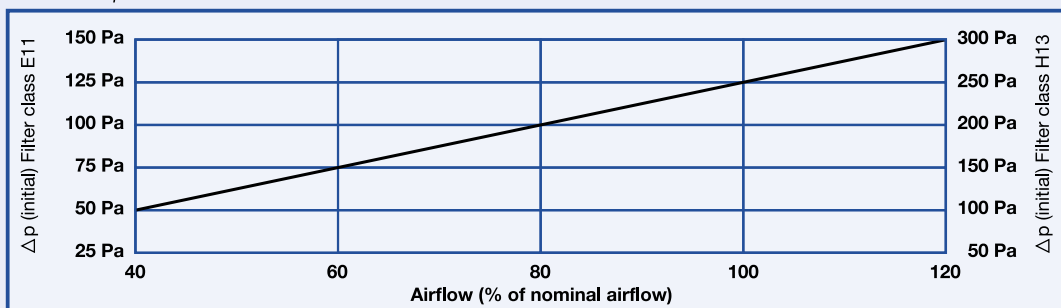
Technical Data

Filter class acc. to EN 1822	E11	H13
Efficiency (MPPS)	≥ 95 %	≥ 99,95 %
Initial pressure drop	125Pa	250Pa
Final pressure drop (rec.)	400Pa	500Pa
Max. operating temperature	80°C	80°C
Max. rel. humidity	80 %	80 %
Inflammability acc. to DIN 53438	F1	F1

Standards (casing material: Galvanized/stainless steel)
(other dimensions upon request)

Width [mm]	Height [mm]	Depth [mm]	standard nominal airflow [m³/h]	increased nominal airflow [m³/h]
305	305	292	560	665
305	610	292	1135	1350
457	457	292	1280	1525
457	610	292	1720	2050
610	610	292	2310	2750
762	610	292	2900	3445

Pressure drop vs. airflow



Subject to modification due to continuous improvement, Version 5/20

W 292 mm