

# 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.



<b>Casing material</b>
Galvanized sheet steel (standard) Stainless steel (material code 1.4301) (optional) Anodized aluminium profile (optional)
<b>Gasket</b>
Flat profile gasket (standard) Continuous foam gasket (optional) Grooved gasket (optional) High temperature gasket (optional)

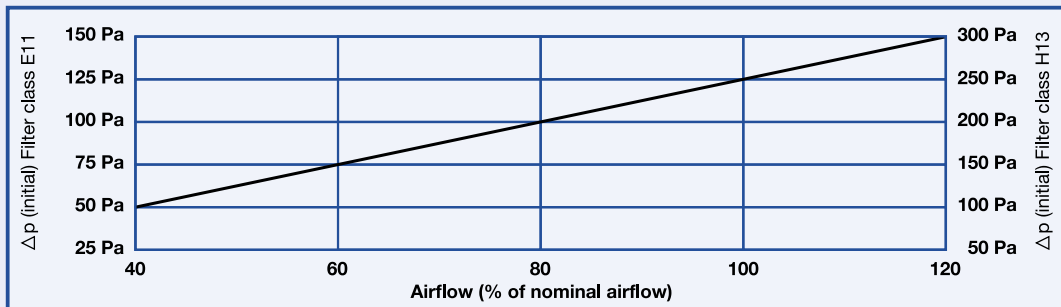
*Technical Data*

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 (other dimensions upon request)

Width [mm]	Height [mm]	Depth [mm]	standard nominal airflow [m³/h]	increased nominal airflow [m³/h]
305	305	150	305	400
305	610	150	625	810
457	457	150	680	915
575	575	150	1075	1465
610	610	150	1210	1650
762	610	150	1525	2070
915	610	150	1840	2490
1220	575	150	2360	3330

Pressure drop vs. airflow



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

W 150 mm