

# 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.

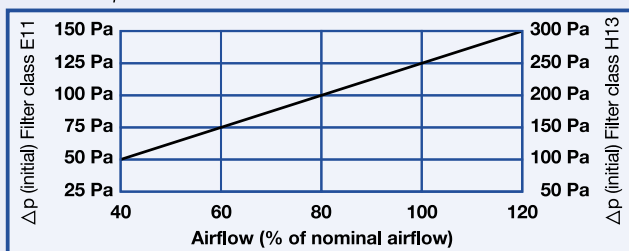


Casing material	
MDF (standard)	
Anodized aluminium profile (standard)	
Galvanized sheet steel (optional)	
Stainless steel (material code 1.4301) (optional)	
Gasket	
Flat profile gasket (standard)	
Continuous foam gasket (optional)	
Grooved gasket (optional)	
High temperature gasket (optional)	
Fluid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

Technical Data

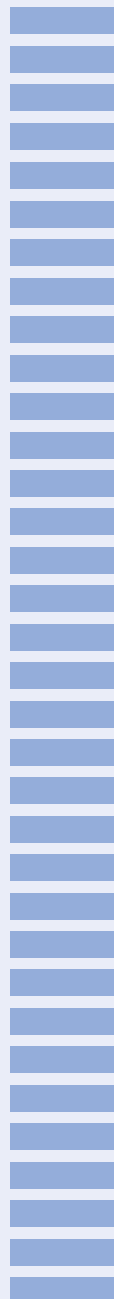
Filter class acc. to EN 1822	E11	H13
Efficiency (MPPS)	≥ 95 %	≥ 99,95 %
Initial pressure drop	125 Pa	250 Pa
Final pressure drop (rec.)	400 Pa	500 Pa
Max. operating temperature	80°C	80°C
Max. rel. humidity	80%	80 %
Inflammability acc. to DIN 53438	F1	F1

Pressure drop vs. airflow



Standards (other dimensions upon request)

Width [mm]	Height [mm]	Depth [mm]	Nominal airflow [m³/h]
305	305	78	250
305	610	78	540
457	457	78	600
535	535	78	850
835	535	78	1300
1135	535	78	1800
557	557	78	910
575	575	78	970
610	610	78	1100
762	610	78	1400
915	610	78	1700
1220	610	78	2200
1525	610	78	2750
1830	610	78	3300
762	762	78	1750
915	762	78	2100
1220	762	78	2800
1525	762	78	3500
1830	762	78	4200
915	915	78	2500
1220	915	78	3350
1525	915	78	4150
1830	915	78	5000



W 78 mm

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