

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.

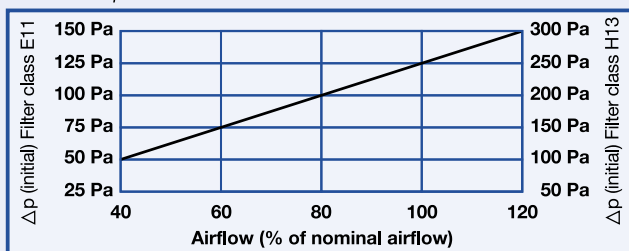


Casing material
MDF
Gasket
Flat profile gasket (standard)
Continuous foam gasket (optional)
Grooved gasket (optional)
High temperature gasket (optional)

Technical Data

Filter class acc. to EN 1822	E11	H13
Efficiency (MPPS)	≥ 95 %	≥ 99,95 %
Initial pressure drop	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]	standard nominal airflow [m³/h]	increased nominal airflow [m³/h]
305	305	150	250	330
305	610	150	540	700
457	457	150	600	805
535	535	150	850	1130
835	535	150	1300	1700
1135	535	150	1800	2400
557	557	150	910	1250
575	575	150	970	1325
610	610	150	1100	1500
762	610	150	1400	1900
915	610	150	1700	2300
1220	610	150	2200	3100
1525	610	150	2750	3850
1830	610	150	3300	4650
762	762	150	1750	2400
915	762	150	2100	2910
1220	762	150	2800	3920
1525	762	150	3500	4870
1830	762	150	4200	5880
915	915	150	2500	3530
1220	915	150	3350	4750
1525	915	150	4150	5900
1830	915	150	5000	7130

W 150 mm

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