

KS FP E10-H13

Compact filter – compact filter elements

Filtration class according to EN 1822:2010
E10, E11, E12, H13

Delivery options
592 (w) × 592 (h) × 300 (d) mm
287 (w) × 592 (h) × 300 (d) mm
490 (w) × 592 (h) × 300 (d) mm
287 (w) × 287 (h) × 300 (d) mm

Possibility of regeneration
no

Pharmaceutical industry
Clean rooms

Plus service

HVAC

High efficiency

Low energy demand

Hygienically harmless



Filter properties

Compact filter elements in filtration classes E10, E11, E12, H13 represent a new microparticles filtration solution. Advantages: high flow rate and standard dimensions, large filtering area 20 m², excellent dust absorbing capacity, optimum distribution of air flow - energy savings, possibility to use the filters in standard frames in air-conditioning units with high cleanliness demands.

Field of application

In all air-conditioning and ventilation devices as afterfilters or pre-filters for microparticles.

Material

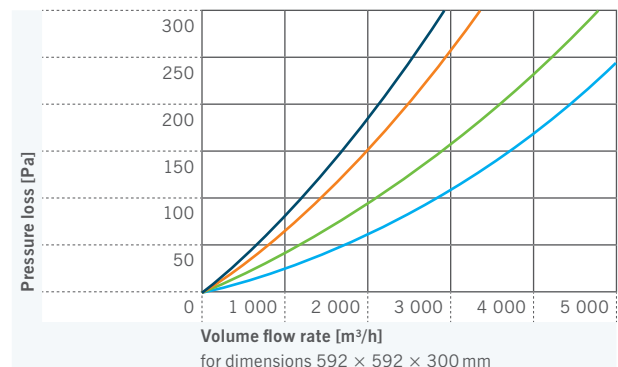
Glass submicr. filter paper, halogen-free recycled polystyrene

Waste disposal

Incineration without emissions of harmful substances.

Pressure loss diagram

■ E10 ■ E11 ■ E12 ■ H13



Technical data	Unit of measure	KS FP			
		E10	E11	E12	H13
Filtration class according to EN 1822:2010	–	E10	E11	E12	H13
Total value for MPPS particles according to EN 1822:2010	%	≥ 85	≥ 95	≥ 99.5	≥ 99.95
Nominal air flow rate for a filter element of dimensions 592 × 592 × 300 mm	m ³ /h	3,400	3,000	3,000	2,000
Initial pressure loss at nominal load	Pa	140	155	260	180
Recommended final pressure loss	Pa	450	450	450	450
Maximum thermal resistance	°C	NT < 75; HT < 120			

NT: standard temperature; HT: special design for higher temperature (not supplied with the KS FP M6 model)