

KS PL-25

Frame filter

Filtration class according to EN 779:2012

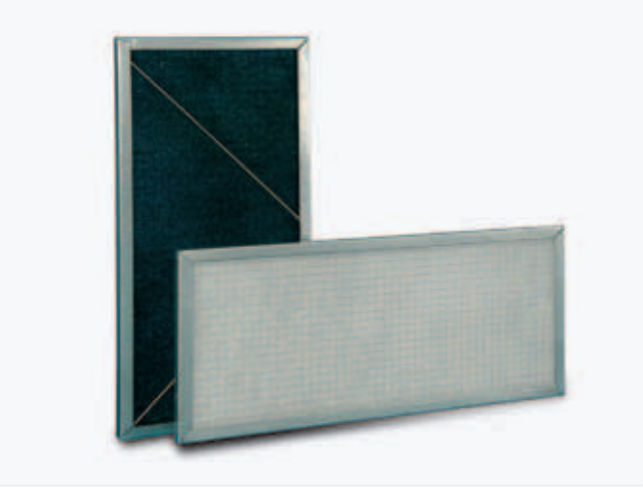
G2, G3, G4, M5

Delivery options

dimensions according to customer's requirements

Possibility of regeneration

yes, partial



Filter properties

A cut-to-size element of the filter medium from synthetic fibres is inserted into a solid and stable frame from zinc-coated sheet metal. On the clean air intake side, the filter medium is covered with a zinc-coated protective grid. The medium is fixed by means of a steel clamp on the inlet side of the filter. Depending on the type of filtration, it is possible to supply the KS PL filters with glass fibre medium or with a special medium KS CARB with activated carbon.

Field of application

Overhead air-conditioning units and intake devices.

Material

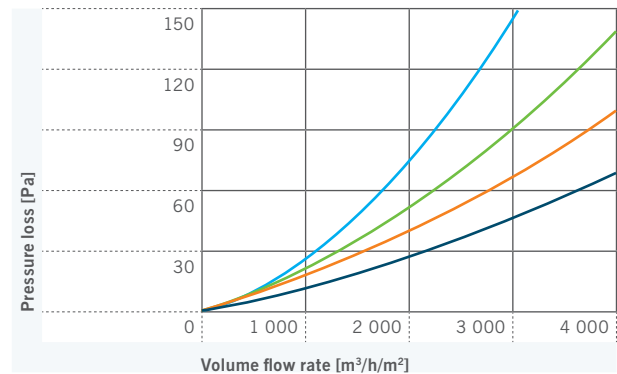
Synthetic fibre

Waste disposal

Landfilling or incineration in authorised incineration plants.

Pressure loss diagram

■ G2 ■ G3 ■ G4 ■ M5



Technical data	Unit of measure	KS PL-25	KS PL-25	KS PL-25	KS PL-25
Filtration class according to EN 779:2012	–	G2	G3	G4	M5
Mean separation (A_m) according to EN 779:2012	%	65 – 80	80 – 90	> 90	–
Efficiency (E_m) according to EN 779:2012	%	–	–	–	40 – 60
Nominal air flow rate	m³/h/m²	3,400	3,400	3,400	3,400
Initial pressure loss at nominal load	Pa	55	80	110	186
Recommended final pressure loss	Pa	250	250	250	250
Maximum thermal resistance	°C	100	100	100	100