

KS PR-100

Frame filter

Filtration class according to EN 779:2012

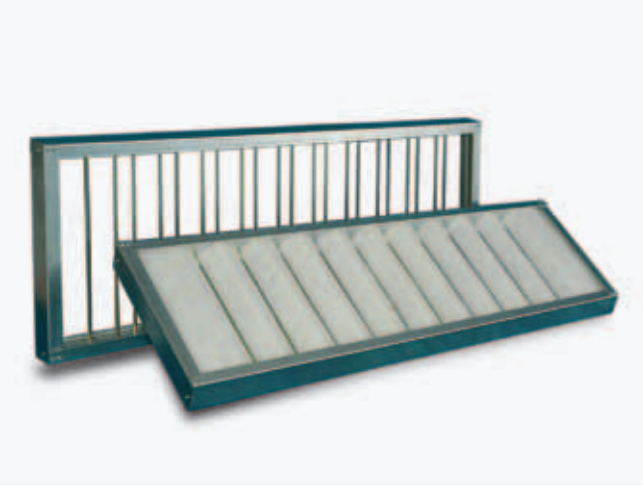
G3, G4, M5

Delivery options

dimensions according to customer's requirements

Possibility of regeneration

yes, replaceable filter medium



Plus service

HVAC

High efficiency

Low energy demand

Hygienically harmless

Industry

Filter properties

The filter medium from synthetic fibres is intertwined into a robust frame from a zinc-coated sheet metal. The medium is fixed by means of a block and steel separators. It is characterised by low economic costs, only for replacement of the filter medium. It is supplied in standard depths 48, 96 and 147 mm, as well as in other sizes.

Field of application

Ventilation of office and assembly rooms, central offices, airport terminals, etc.

Material

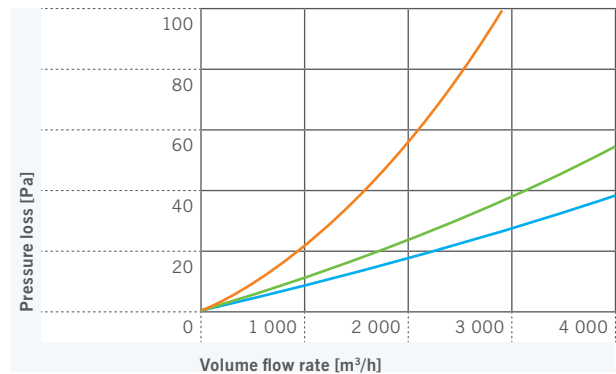
Synthetic fibre

Waste disposal

Landfilling or incineration in authorised incineration plants.

Pressure loss diagram

■ G3 ■ G4 ■ M5



Technical data	Unit of measure	KS PR-100	KS PR-100	KS PR-100
Filtration class according to EN 779:2012	–	G3	G4	M5
Mean separation (A_m) according to EN 779:2012	%	80 – 90	> 90	–
Efficiency (E_m) according to EN 779:2012	%	–	–	40 – 60
Nominal air flow rate for a filter of dimensions 592 × 592 mm	m³/h	3,700	3,700	1,730
Initial pressure loss at nominal load	Pa	35	50	45
Recommended final pressure loss	Pa	250	250	250
Maximum thermal resistance	°C	100	100	100