

# KS PR NEW

## Frame filter

**Filtration class according to EN 779:2012**

G2–G4, M5

**Delivery options**

dimensions according to customer's requirements

**Possibility of regeneration**

yes – replaceable filter medium



### Filter properties

The frame filters KS PR with a replaceable filter medium are used for absorption of coarse and fine dust in airconditioning and ventilation units. The filter medium is placed through metal separators inserted into a robust zinc-coated frame. On the air outlet side, there is a wire grid preventing release of the medium and ensuring high operating safety of the filter. The medium inserted between separators is fixed with two wire press springs on the air outlet side.

### Field of application

Ventilation and air-conditioning of production halls, office buildings and assembly rooms, telecommunication central offices, health facilities, airport terminals, etc.

### Material

Synthetic fibre

### Waste disposal

Landfilling or incineration in authorised incineration plants.

Technical data	Unit of measure	50/G2	50/G3	50/G4	50/M5	100/G2	100/G3	100/G4	100/M5	150/G2	150/G3	150/G4	150/M5
Nominal air flow rate for dimensions 592 × 592 mm	m <sup>3</sup> /h	3,400	3,400	3,400	1,700	3,400	3,400	3,400	1,700	3,400	3,400	3,400	1,700
Mean separation (A <sub>m</sub> ) according to EN 779:2012	%	65 – 80	80 – 90	> 90	–	65 – 80	80 – 90	> 90	–	65 – 80	80 – 90	> 90	–
Efficiency E <sub>m</sub> (%) according to EN 779:2012	%	–	–	–	40 – 60	–	–	–	40 – 60	–	–	–	40 – 60
Initial pressure loss at nominal load	Pa	55	80	120	95	60	90	140	85	60	90	150	91
Recommended final pressure loss	Pa	250	250	250	400	250	250	250	250	250	250	250	400
Maximum thermal resistance	°C	90	100	100	100	100	100	100	100	100	100	100	100