

# KS PAK 45 and KS PAK 55

## Pocket filters

Filtration class according to EN 779:2012

M5

### Delivery options

standard EURO line, non-standard dimensions according to customer's requirements

### Possibility of regeneration

no



### Filter properties

The modern filter medium from synthetic fibres arranged in conical pockets enables to manufacture pocket filters with long service-life at optimum pressure losses and low energy costs. As standard, the filters are supplied in a completely incinerable design with a plastic frame and plastic or wooden separators or, if requested, with a zinc-coated frame and metal separators.

### Field of application

They are used as the second or the only stage of filtration for separation of fine dust in the health sector, restaurants, hotels, etc.

### Material

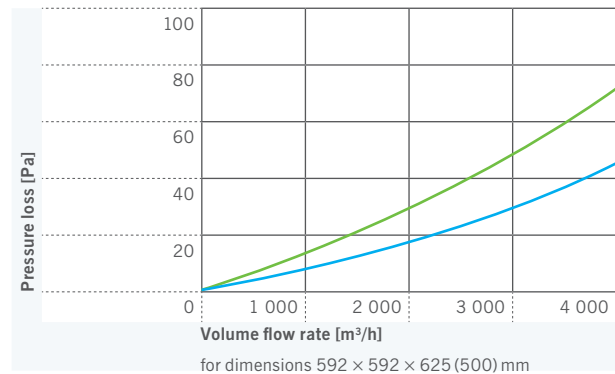
Synthetic fibre

### Waste disposal

Landfilling or incineration in authorised incineration plants.

### Pressure loss diagram

■ KS PAK 45 ■ KS PAK 55



Technical data	Unit of measure	KS PAK 45 592 × 592 × 625 mm	KS PAK 55 592 × 592 × 500 mm
Filtration class according to EN 779:2012	–	M5	M5
Mean efficiency ( $E_m$ ) for 0.4 $\mu\text{m}$ particles	%	40 – 60	40 – 60
Nominal air intake flow rate to filter area	m/s	0.4	0.4
Nominal air flow rate for a filter of dimensions 592 × 592 × 625 (500) mm	m³/h	3,400	3,400
Initial pressure loss at nominal load	Pa	55	35
Recommended final pressure loss	Pa	450	450
Maximum thermal resistance – metal frame (plastic frame)	°C	100 (75)	100 (75)