

Pureair Filter Co.

SP SERIES

Extended Surface Pocket Filters



- Galvanised Steel Frame with Safe Edge
- Galvanised Wire Support Grid
- Four Layer Non Woven Media
- Electrostatically charged second layer
- 3 Efficiencies: SP 65 - EU 5
SP 85 - EU 6
SP 95 - EU 7

High quality cost effective, secondary bag filters with high load dust capability

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Pureair Filter Company t/a Fibatron

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SP Series

Extended Surface Pocket Filters

Applications

Medium to high efficiency extended surface pocket filters are used as secondary filtration to improve air quality in aircondition systems, laboratories and as prefilters to tertiary HEPA filter installations.

Construction

0.6mm galvanised steel Header Frame with Safety edge to prevent Media damage.
0.3mm dia. galvanised steel wire pocket separators.

Media

Medium Efficiency Filter media consists of four layers of Non Wovens:

Inner Scrim, a thin layer of spun bond non woven to protect integrity of second layer from wind shear. Reduces particle momentum for more even filtration.

Electrostatic Layer, electrostatically charged Polypropylene fleece to capture mass of dust particles in the airstream.

Micro Fibre Layer, high efficiency mechanical media to capture fine particles

Outer Scrim, colour coded to identify efficiency. This high strength spun bonded non woven provides strength and integrity to the composite filter media

Filter Specification

Rated Face Velocity	2,5 m/sec.		
Model	SP 65	SP 85	SP 95
Average Efficiency (Dust Spot)			
Eurovent Class DIN 24185	EU 5	EU 6	EU 7
Initial Pressure Drop	80 Pa	90 Pa	110 Pa
Final Pressure Drop	250 Pa	250 Pa	250 Pa
Media Identification (Colour)	Orange	Pink	Yellow

<u>Size</u>	<u>Length</u>	<u>No. Pockets</u>	<u>Flow</u>
295 x 295	300	3	0.24 m3/sec (850m3/hr)
295 x 295	600	3	0.47 m3/sec (1700m3/hr)
595 x 595	300	6	0.47 m3/sec (1700m3/hr)
595 x 595	600	6	0.94 m3/sec (3400m3/hr)
595 x 595	600	9	0.94 m3/sec (3400m3/hr)

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