

AIREPAK

Extended Surface Multi-Pocket Filters



General

AirePak extended surface multi-pocket bag filters are designed for use in most commercial or industrial HVAC systems where medium to high efficiency filtration is required. The AirePak has been designed to withstand the rigors of turbulent airflow and can remove contaminants such as smoke, bacteria, fume, fungi and virus-bearing droplet nuclei. AirePak filters are available in MERV 9 (F5) to MERV 15 (F9) efficiencies.

The AirePak multi-pocket bag filter are constructed from an exclusive blend of electrostatically enhanced synthetic microfibers are moisture resistant and will not support microbial growth.

Each pocket is sonically sealed to provide maximum strength and a leak free seal. Aerodynamic channels inside the pockets ensure proper inflation of pockets and to maximise media utilisation.



AirePak multi-pocket bag filters are available in a variety of standard configurations to suit your air quality requirement. In addition to the standard sizes we can manufacture virtually any combination of height, width and number of pockets. Please consult with your SAFE contact person for availability.

The AirePak multi-pocket air filter offers high efficiency at a minimal resistance to airflow and with effective removal of sub-micron particles is the perfect fit for any application

Installation

AirePak multi-pocket bag filters are suitable as a primary filter to meet AS 1668.2 and can be installed in "F" series holding frames, side access applications and similar existing hardware. AirePak multi-pocket bag filters can also be installed in combination with AirePleat, V-Forms or SP Gate Filters to maximise change-out intervals

Important Features

- Electrostatically charged lofted microfiber media
- Ultrasonically welded pockets to prevent air leakage
- Moisture Resistant, can operate effectively up to 100% RH
- Synthetic media resists microbial growth
- Spun Glass versions available
- MERV 9 to MERV 15 rating as per ASHRAE 52.2
- Custom sizes readily available
- Colour coded for easy recognition of filter efficiency

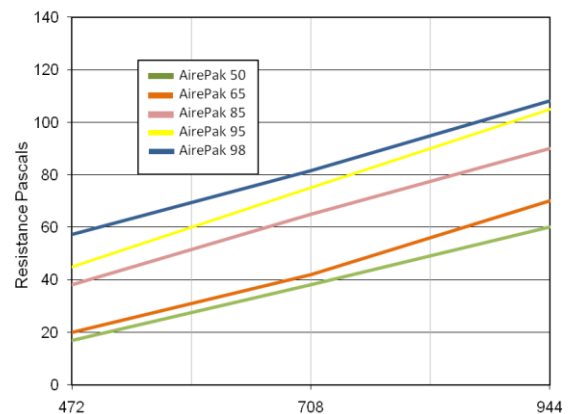
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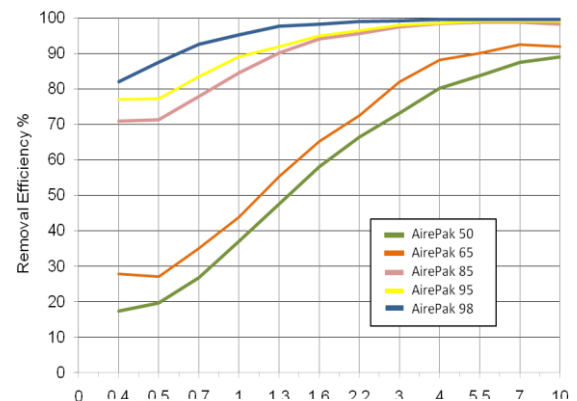
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Air Flow vs Resistance Clean Device



Airflow test conducted on 8 Pocket 50, 65, 85 & 95 Series & 10 Pocket 98 Series sized 610x610x560mm

Particle Size Efficiency



AIREPAK FILTER DIMENSIONS & CAPACITIES

50 SERIES MERV 9 (F5)

Model	Number of Pockets	Face Velocity 1.87 m/sec		Face Velocity 2.54 m/sec		External Dimensions			Effective Media Area (sq. mtr)
		l/sec	PD	l/sec	PD	Height	Width	Depth	
PF5032415	3	354	56	472	NR ¹	610	305	380	1.37
PF5064415	6	708	56	944	NR ¹	610	610	380	2.74
PF5042415	4	354	45	472	NR ¹	610	305	380	1.82
PF5084415	8	708	45	944	NR ¹	610	610	380	3.65
PF4532422	3	354	42	472	62	610	305	560	2.02
PF4564422	6	708	42	944	62	610	610	560	4.05
PF5042422	4	354	38	472	56	610	305	560	2.70
PF5084422	8	708	38	944	56	610	610	560	5.40

65 SERIES MERV 11 (F6)

Model	Number of Pockets	Face Velocity 1.87 m/sec		Face Velocity 2.54 m/sec		External Dimensions			Effective Media Area (sq. mtr)
		l/sec	PD	l/sec	PD	Height	Width	Depth	
PF6532415	3	354	59	472	NR ¹	610	305	380	1.37
PF6564415	6	708	59	944	NR ¹	610	610	380	2.74
PF6542415	4	354	48	472	NR ¹	610	305	380	1.82
PF6584415	8	708	48	944	NR ¹	610	610	380	3.65
PF6532422	3	354	48	472	80	610	305	560	2.02
PF6564422	6	708	48	944	80	610	610	560	4.05
PF6542422	4	354	42	472	70	610	305	560	2.70
PF6584422	8	708	42	944	70	610	610	560	5.40

85 SERIES MERV 13 (F7)

Model	Number of Pockets	Face Velocity 1.87 m/sec		Face Velocity 2.54 m/sec		External Dimensions			Effective Media Area (sq. mtr)
		l/sec	PD	l/sec	PD	Height	Width	Depth	
PF8532415	3	354	105	472	NR ¹	610	305	380	1.37
PF8564415	6	708	105	944	NR ¹	610	610	380	2.74
PF8542415	4	354	85	472	NR ¹	610	305	380	1.82
PF8584415	8	708	85	944	NR ¹	610	610	380	3.65
PF8532422	3	354	80	472	105	610	305	560	2.02
PF8564422	6	708	80	944	105	610	610	560	4.05
PF8542422	4	354	65	472	90	610	305	560	2.70
PF8584422	8	708	65	944	90	610	610	560	5.40

95 SERIES MERV 14 (F8)

Model	Number of Pockets	Face Velocity 1.87 m/sec		Face Velocity 2.54 m/sec		External Dimensions			Effective Media Area (sq. mtr)
		l/sec	PD	l/sec	PD	Height	Width	Depth	
PF9532415	3	354	130	472	NR ¹	610	305	380	1.37
PF9564415	6	708	130	944	NR ¹	610	610	380	2.74
PF9542415	4	354	110	472	NR ¹	610	305	380	1.82
PF9584415	8	708	110	944	NR ¹	610	610	380	3.65
PF9532422	3	354	85	472	125	610	305	560	2.02
PF9564422	6	708	85	944	125	610	610	560	4.05
PF9542422	4	354	75	472	105	610	305	560	2.70
PF9584422	8	708	75	944	105	610	610	560	5.40
PF95122422	6	354	67	472	94	610	305	560	4.05
PF95124422	12	708	67	944	94	610	610	560	8.10

98 SERIES MERV 15 (F9)

Model	Number of Pockets	Face Velocity 1.87 m/sec		Face Velocity 2.54 m/sec		External Dimensions			Effective Media Area (sq. mtr)
		l/sec	PD	l/sec	PD	Height	Width	Depth	
PF9852422	5	354	82	472	108	610	305	560	3.36
PF98104422	10	708	82	944	108	610	610	560	6.72

Note: ¹ Not Recommended at this face velocity

Note: Please allow an additional static pressure of 10% when using fibreglass in lieu of synthetic type media.

Note: Maximum operating temperature of synthetic media filter = 70°C, fibreglass media filter = 100°C.

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