



V - PAK



SUPERFINE SYNTHETIC FIBRES PROVIDE CLEANER AIR

- Filter classes F5 – F8 for secondary stage filtration in HVAC
- Reliable with high airflow and high dust loading capacity
- Excellent performance in high moisture conditions
- Light weight & less storage space required

Mechanically Strong and Robust

V - Pak pocket filters are made of high quality synthetic media. This filter is especially designed for high performance applications which require high dust holding capacity and higher air cleaning capacity. With durable ABS frame and synthetic media, the filter is able to perform excellently in 100% relative humidity with high airflow and heavy dust loading condition. Therefore, this design of filter is very suitable to be applied in commercial buildings, pharmaceutical, food processing and automotive application.

Microfine Synthetic Fibres Provide Cleaner Air

V - Pak pocket media comprises a unique matrix of primary and secondary synthetic fibres with a thin layer of high strength spunbond scrim on the air leaving side to increase filter stability and prevent particle migration. This dual media design ensures a low initial pressure drop, a high dust holding capacity and a long filter service life. The media is fully ultrasonic sealed to reduce the filters leakage.

Efficiency Ranges

V - Pak is available in four efficiencies. For easy identification, each efficiency has its own colour coded media scheme:

Efficiency	90 - 95 %	80 - 85 %	60 - 65 %	40 - 45 %
EN 779	F8	F7	F6	F5
Media color	Yellow	Pink	Green	White

Final Resistance

V - Pak are tested in accordance with EN779. The recommended final resistance is 450 Pa.

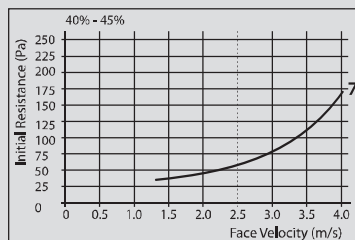
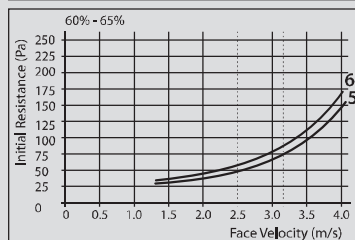
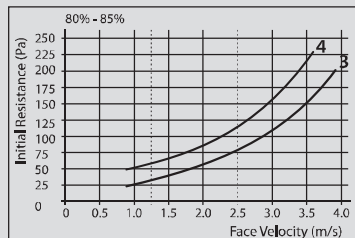
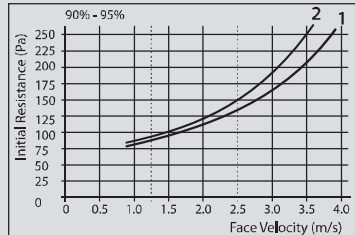
Temperature limits

Filter can be operated at maximum temperature 80°C



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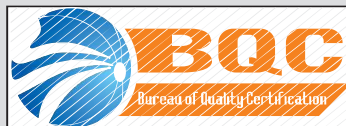
RESISTANCE CURVES AND SELECTION CHART DATA



Rated Face Velocity (m/s)	Actual Size (wxhxd) (mm)	Number of Pockets	Gross Media Area (m ²)	Rated Airflow Capacity (m ³ /h)	Rated Initial Resistance (Pa)
90-95% Average Efficiency - F8					
3.2	592x592x700	9	8.0	4250	160
	287x592x700	4	3.6	2125	160
2.5	490x592x700	7	6.2	3550	160
	592x592x635	8	6.7	3400	135 ⁽¹⁾
	287x592x635	4	3.3	1700	135
1.25	490x592x635	6	5.0	2850	135
	592x592x508	6	4.1	1700	90 ⁽²⁾
	287x592x508	3	2.0	850	90
490x592x508	5	3.4	1400	90	
80-85% Average Efficiency - F7					
3.2	592x592x700	9	8.0	4250	105
	287x592x700	4	3.6	2125	105
2.5	490x592x700	7	6.2	3550	105
	592x592x635	8	6.7	3400	80 ⁽³⁾
	287x592x635	4	3.3	1700	80
1.25	490x592x635	6	5.0	2850	80
	592x592x508	6	4.1	1700	60 ⁽⁴⁾
	287x592x508	3	2.0	850	60
490x592x508	5	3.4	1400	60	
60-65% Average Efficiency - F6					
3.2	592x592x700	9	8.0	4250	75 ⁽⁵⁾
	287x592x700	4	3.6	2125	75
2.5	490x592x700	7	6.2	3550	75
	592x592x635	8	6.7	3400	65 ⁽⁶⁾
	287x592x635	4	3.3	1700	65
490x592x635	6	5.0	2850	65	
40-45 Average Efficiency - F5					
2.5	592x592x635	6	1.6	3400	65 ⁽⁷⁾
	287x592x635	3	0.8	1700	65
	490x592x635	6	1.2	2850	65

NOTES:

- Filters can be operated at 70% - 130% of rated face velocity.
- All performance data based on EN779 1993 standard (ASHRAE 52.1-1992 test method).
- The recommended final resistance is 450 Pa.
- The V - Pak filter sizes fit into frame sizes 610 x 610, 305 x 610 and 508 x 610 mm.
- Filters are also available in other sizes and with 25 and 20 mm headers.



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