



Coarse / Finedust Filter

Type G80



Design & Construction

The pocket filter media is composed of 4 layers designed to meet the various ASHRAE standards. The media consists of one layer of spunbound on each side for strength and stability, one coarse fibre melt-blown layer for filtration of larger particles, and one fine melt-blown layer for filtration of smaller particles. The gradient density of the melt-blown design allows for maximum filtration performance with maximum filter life.

The filter is self supporting and ready for installation. The header is a corrosion-resistant plastic or zinc-coated metal frame. The pockets are manufactured in a conical shape using an automatic filter-bag sewing machine, which is equipped with a continuously adjustable stitch-loosening device.

FEATURES

- Efficiencies of 45% up to 95% ASHRAE
- High quality standards due to quality assurance system
- Header consists of corrosion resistant plastic frame



Finedust - HEPA / ULPA

FILT-AIR LTD.

- Fine Dust Filter
- Final Filter for Fan Filter Units
- Final Filter for Clean Rooms
- Final Filter for Channel Installation
- Highly Active Filter Surface - Low Pressure Drop
- Final Filter for Grid Systems

Order Numbers

Order no.	G80	A	B	-	C	D	E	F
Example	G80	08	so	-	6	0	0	6

Efficiency	A	Size L x W	B	Bag Length	C	D	E	Quantity of Bags	F
G4	04	592x287 mm	S4	300 mm	3	0	0	3x Bags	3
F6	06	592x490 mm	SJ	500 mm	5	0	0	4x Bags	4
F7	07	592x592 mm	SO	600 mm	6	0	0	6x Bags	6
F8	08	Other dimensions available upon request		700 mm	7	0	0	8x Bags	8
				750 mm	7	5	0		
				900 mm	9	0	0		

Specifications are subject to change without prior notice

Filter Data		G 4	F 6	F 7	F 8
Media consists of # of layers		4	4	4	4
Filter class according to EN 779 ¹		G 4	F 6	F 7	F 8
Atmospherical dust spot efficiency @ rated airflow: average	%	35 (30-35)	65 (60-65)	85 (80-85)	95 (90-95)
Recommended final pressure drop	Pa	260	260	260	260
Max. relative humidity	%	100	100	100	100

¹) Standard EN 779 (1995) based on ASHRAE 52.1

HEPA & ULPA Filters for Industrial Clean Rooms

FILT AIR Ltd. specializes in the use of advanced technologies to implement a purified air supply for high-tech industry clean rooms, the microelectronics business sectors, and pharmaceutical industries. FILT AIR Ltd. has a broad range of client groups, such as hospitals, industrial plants, commercial buildings, and companies requiring clean air inside gas turbines.

FILT AIR's range of products is designed and produced in order to achieve the highest possible quality and offers safety and reliability with optimum prices and product availability. Since 2001, FILT AIR Ltd. has been registered and certified for Quality Management according to ISO 9001 (Registration No: IQNet: IL-24203).

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