



Compact Carbon Filter

Type CV8 Full Plastic Frame



Overview

The CV8 Full Plastic Frame Compact Carbon Filter is designed to meet the strictest requirements in gas and odour filtration applications.

Each CV8 Full Plastic Filter contains eight (8) 'Minipleat-Media Packs' cast in V-shape technology

to achieve the lowest pressure drop results and the highest gas absorption capacity.

FEATURES:

- High quality micro fibre laminated carbon media
- Lowest initial pressure drop
- High quality standards due to Quality Assurance System
- Highly economical through high final pressure drop
- Any airflow direction possible making installation easy
- Rigid 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



AVAILABLE STANDARDS:

- EN 779
- ISO 9001:2008

Design

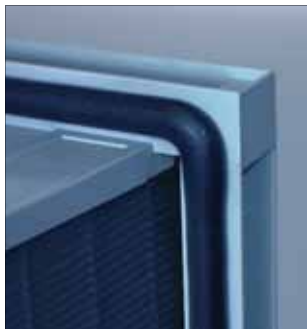
The side covers of the filter are made from rigid plastic with integrated water outlet slopes on both the up and down stream sides. Connection slots for the insertion of the prefilter frame HFA-# are also included. These features, in combination with the reinforced profiles, provide maximum space for the filter media pack and ensure a high mechanical strength. The filters are supplied with a flat flange and endless gasket ¹ creating a secure seal between the filter and each standard prefilter holding frame.

¹ Optional

- High quality micro-fibre laminated carbon media
- Lowest initial pressure drop
- Highest gas absorption capacity
- Rigid full plastic frame
- Filter height only 292 mm
- High quality standards due to Quality Assurance System
- Highly economical through high media thickness
- Usable in two flow directions
- Endless gasket (optional)

Testing

The filters are tested in accordance with the ISO 11155-2 standard for removal of indoor and outdoor gaseous contaminants.

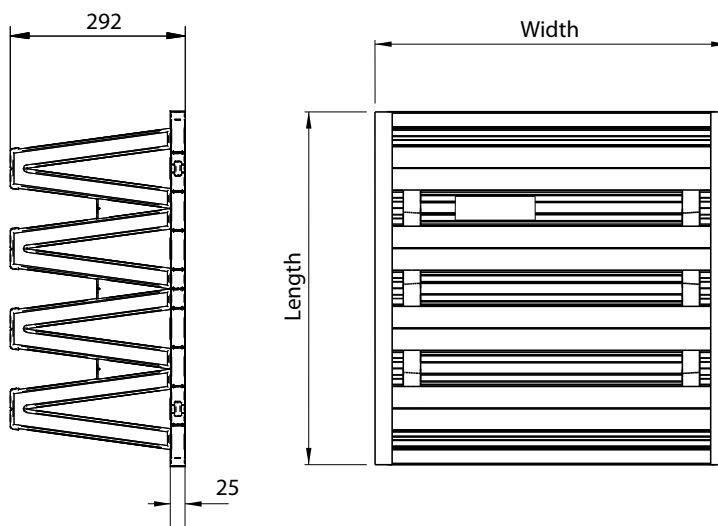


Filter Type	CV8	
Media:	Carbon granulate bonded three layers media	
Rated face velocity:	m/s	2.7
Recommended final pressure drop:	Pa	450
Max. continuous temperature:	°C	70
Max. relative humidity:	%	98
Flammability classification to DIN 53436:		K1/F1

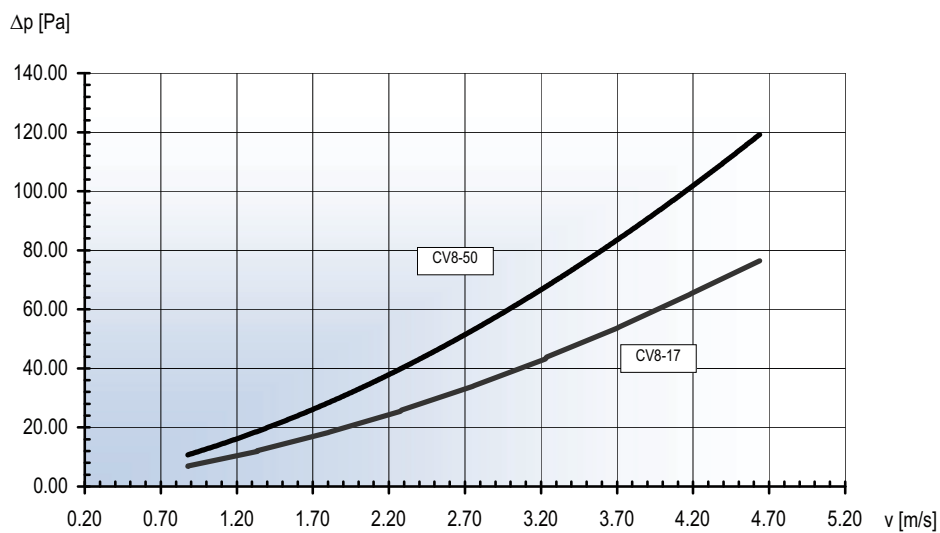
Technical Data

Size Code	29	39	49	59	
Size L x W	592 x 287 mm	592 x 389 mm	592 x 490 mm	592 x 592 mm	
Rated airflow	1640 m ³ /h	2230 m ³ /h	2800 m ³ /h	3400 m ³ /h	
Active filter surface	4.4 m ²	5.7 m ²	7.2 m ²	9 m ²	
Initial pressure drop @ rated airflow	92 Pa	88 Pa	84 Pa	80 Pa	CV8-50
Carbon weight	3.2 kg	4.8 kg	6.5 kg	7.3 kg	
Active filter surface	4.4 m ²	5.7 m ²	7.2 m ²	9 m ²	
Initial pressure drop @ rated airflow	61 Pa	57 Pa	53 Pa	50 Pa	CV8-17
Carbon weight	2.2 kg	3.6 kg	5.0 kg	6.0 kg	

Dimensional Drawing



Initial Pressure Drop



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Order Numbers

Order no.	CV8	-	A	B	-	C	D	E	F
Example	CV8	-	50	59	-	6	0	0	0

Carbon Type	A	Size LxW	B	Frame	C	Construction	D	Screen Material	E	Seal	F
170 g/m ²	17	592 X 287 mm	29	Full Plastic Frame	6	No Screen	0	No Screen	0	No Seal	0
500 g/m ²	50	592 X 389 mm	39							1 x Downstream	D
		592 X 490 mm	49							1 x Upstream	U
		592 X 592 mm	59								

Specifications are subject to change without prior notice

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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