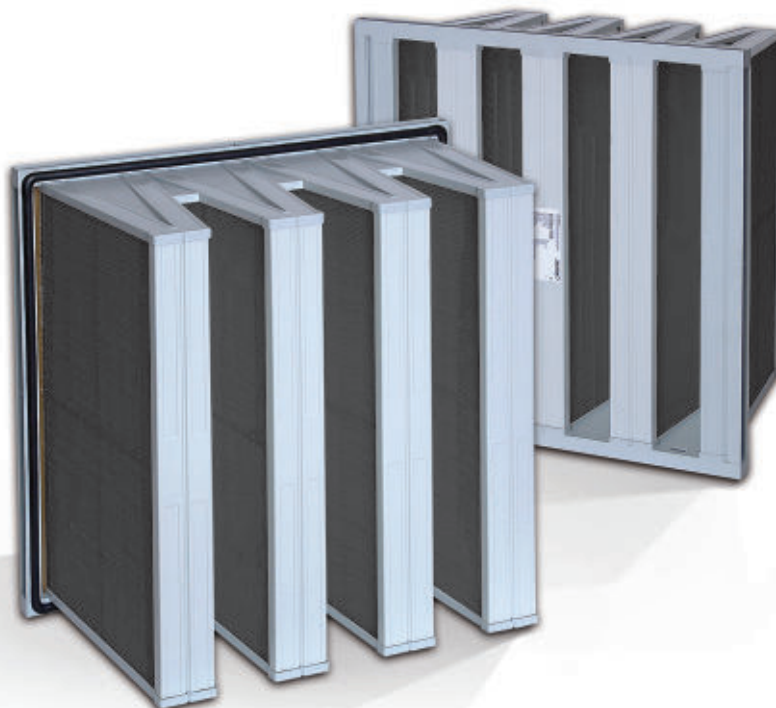




Compact Carbon Filter Type CV8 Full Plastic Frame



Features:

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

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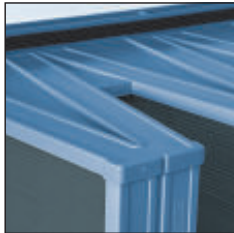
e-mail: export@filt-air.com

<http://www.filt-air.com>



Applicable Standards:

- EN 779
- ISO 11155-2



Overview

The CV8 Full Plastic Frame compact carbon filter is designed for highest necessities in gas and smell filtration applications.

Each CV8 Full Plastic filter contains eight (8) "Minipleat-Media Packs" cast in V-shape technology to achieve lowest pressure drop results and highest gas absorption capacity.



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



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 pre-filter frame HFA-# are also included.

These features, in combination with the reinforced profiles, provide maximum space for the filter media pack and obtain a high mechanical strength.

The filters are supplied with a flat flange and endless gasket¹ creating a secure seal between the filter and each standard pre-filter holding frame.

¹ Optional



Testing

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



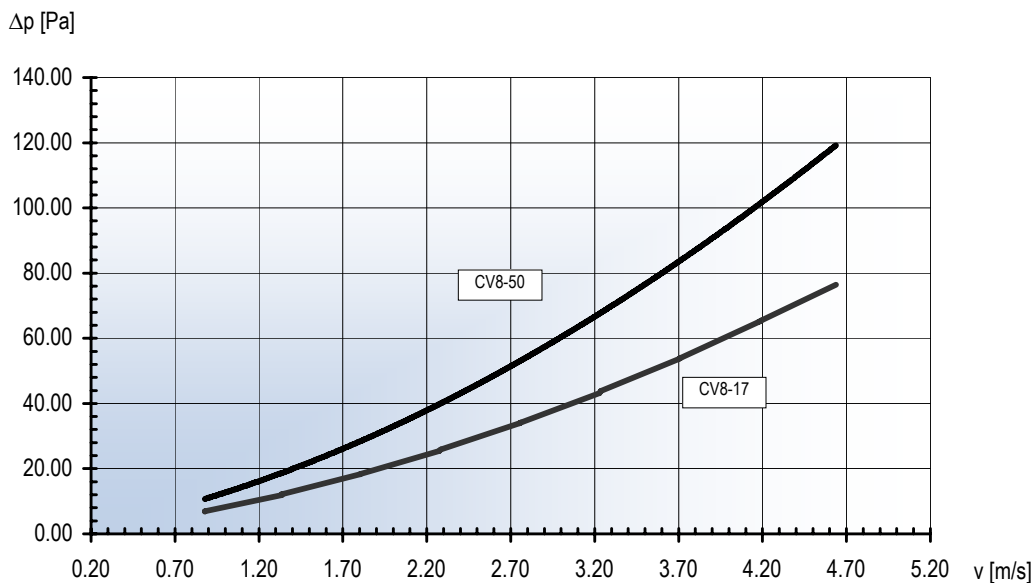


Technical Data

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	CV8-50
Initial pressure drop @ rated Airflow	62 Pa	58 Pa	54 Pa	50 Pa	
Carbon Weight	2.2 kg	2.8 kg	3.5 kg	4.3 kg	
Active Filter Surface	4.4 m ²	5.7 m ²	7.2 m ²	9 m ²	CV8-17
Initial pressure drop @ rated Airflow	41 Pa	37 Pa	33 Pa	30 Pa	
Carbon Weight	0.85 kg	1.0 kg	1.3 kg	1.6 kg	

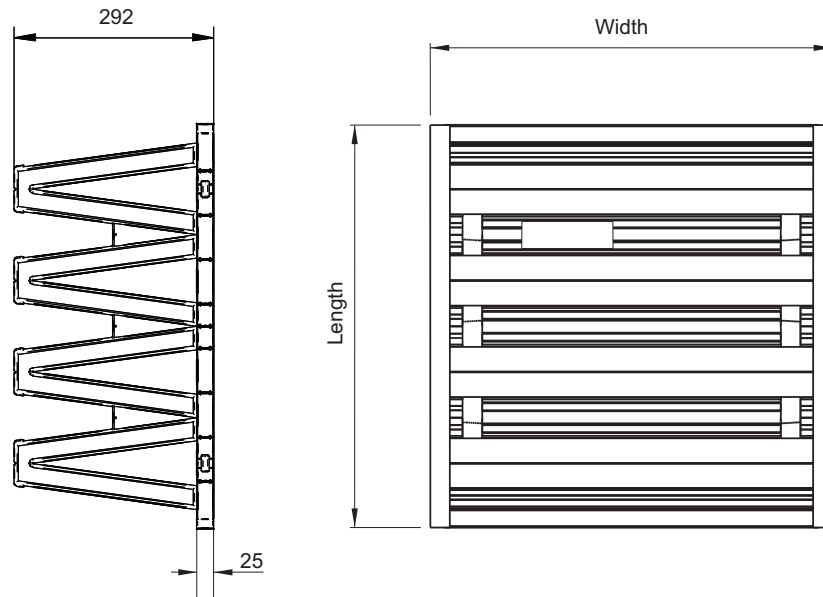
Filter type	CV8	
Media:	Carbon granulate bonded three layers media	
Rated face velocity	m/s	2.7
Recommended final pressure drop	Pa	450
Max. continuous temperature	°C	70
Max. relative humidity	%	98
Flammability classification to DIN 53436	K1/F1	

Initial Pressure Drop





Dimensional Drawing



Order Numbers

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

Carbon type	A	Size L x W	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							1x Downstream	D
		592 x 490 mm	49							1x Upstream	U
		592 x 592 mm	59								