

Filtro Carb V

Mini Pleat Compact Carbon Filters



Key Features

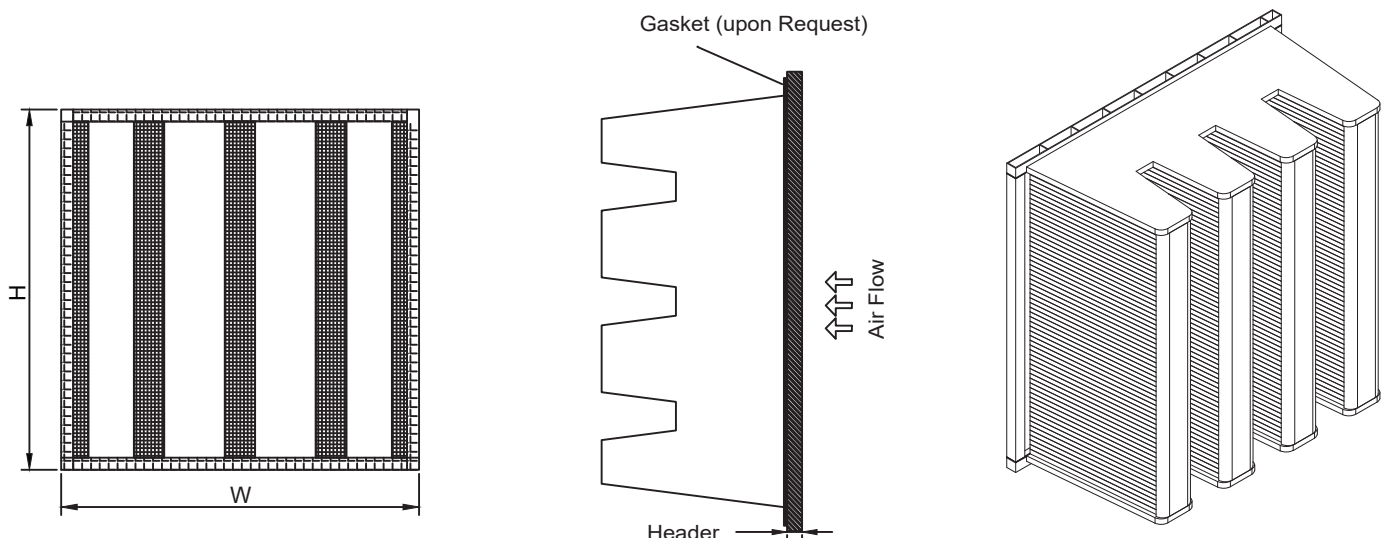
- Large filtration surface area.
 - Long service life
 - Low pressure drop
 - Low weight
 - Easy installation
 - Target gases - VOCs , Acids and Bases
 - Fully incinerable
 - No carbon shedding
- ▼ **Frame Type** Plastic
 - ▼ **Header** 20mm & 25mm
 - ▼ **Media** Impregnated activated sandwich carbon
 - ▼ **Sealing component** PU
 - ▼ **Temperature** 70°C /158 °F
 - ▼ **Humidity** 95%
 - ▼ **Final Pressure Drop** 400 Pa / 1.6 in.WG
 - ▼ **Gasket** Without (Available on request)

Filtro Carb V model filters are made up of activated carbon media, close pleated and bonded to a rigid V shaped construction in anti-crash polystyrene frame. These filters operate with no carbon shedding, with very low pressure drop and are incinerable. A combination of synthetic media and activated carbon ensures higher degree of filtration efficiency. Filters are designed for odor removal in air conditioning and industrial process applications. A header frame design allows easy installation in holding frames and housings. These filters are ideal for application in commercial buildings, airports, hospitals, hotels, restaurants etc.

Construction

Filtro Carb V have 100% synthetic filter media made of impregnated activated carbon which is closely pleated and arranged in a V configuration to the pleats and accommodates a very large quantity of filter media. The Mini-Pleated media packs are arranged in a perfect V design and sealed to the enclosing frame made up of HIPS . Each filter offers a very large media area and very low initial pressure drop. Special features of these models are capable to handle large airflows, easy to install and dispose, suitable for gas adsorption and chemisorption, particulate filtration along with odor removal etc.

Filtro Carb VM is made up of a dual layer media of carbon and F7 synthetic to offer an efficiency of F7/MERV 13 grade as per EN 779/ASHRAE 52.2. All filters are available in header versions 20mm and 25mm.



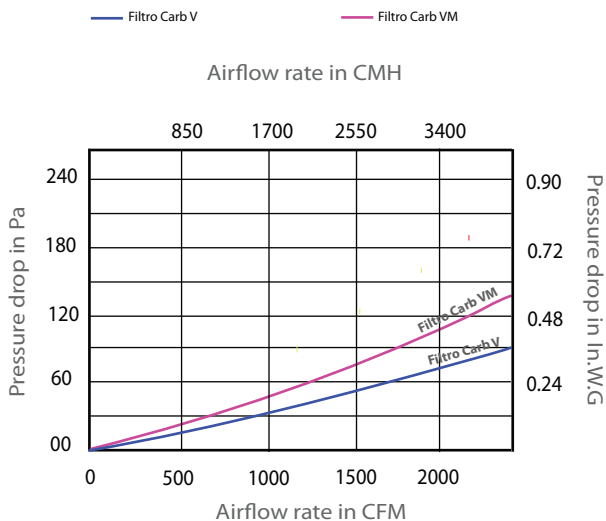


Performance Data

Filtro Carb V					
Filter Model	Nominal size (inches)	Actual Size		Rated Airflow (CMH / CFM)	Initial Resistance (Pa / in .w.g)
		inches	mm		
FCAV-44-12	24 x 24 x 12	23.3 x 23.3 x 11.5	592 x 592 x 292	3400 / 2000	70 / 0.28
FCAV-04-12	20 x 24 x 12	19.3 x 23.3 x 11.5	490 x 592 x 292	2400 / 1412	70 / 0.28
FCAV-24-12	12 x 24 x 12	11.5 x 23.3 x 11.5	287 x 592 x 292	1700 / 1000	70 / 0.28

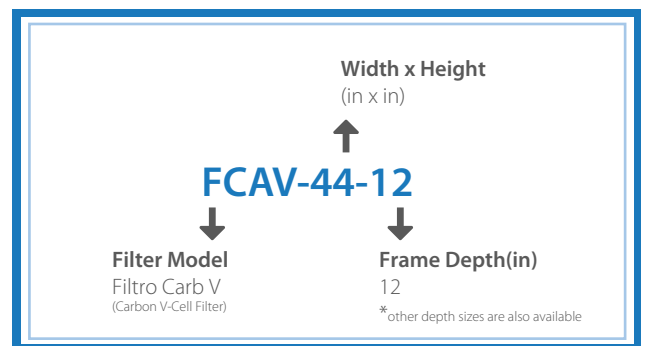
Filtro Carb VM						
Filter Model	Nominal size (inches)	Actual Size		Efficiency	Rated Airflow (CMH / CFM)	Initial Resistance (Pa / in .w.g)
		inches	mm			
FCAV7-44-12	24 x 24 x 12	23.3 x 23.3 x 11.5	592 x 592 x 292	MERV 13 / F7	3400 / 2000	100 / 0.4
FCAV7-04-12	20 x 24 x 12	19.3 x 23.3 x 11.5	490 x 592 x 292	MERV 13 / F7	2400 / 1412	100 / 0.4
FCAV7-24-12	12 x 24 x 12	11.5 x 23.3 x 11.5	287 x 592 x 292	MERV 13 / F7	1700 / 1000	100 / 0.4

Airflow vs Initial Resistance



Available upon request Honey comb models (Filtro Carb VHC)
V-Bank type construction with GI frame

Model Details Breakdown



Frame	Plastic
Media	Impregnated sandwich carbon media
Sealant	Polyurethane
Max.operating temp.	70°C / 158 °F
Efficiency standard	ASHRAE 52.2 / EN 779 (Aero Carb VM)
Nominal air flow	3400 CMH / 2000 CFM
Final pressure drop	400 Pa / 1.6 in.WG
Gasket	Upon request

Our Group Companies and Global Network



All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

© Copyright: Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. We assume no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.

Filtrowin | Carbon Filter
www.filtrowin.com