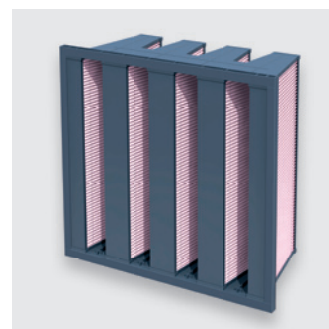


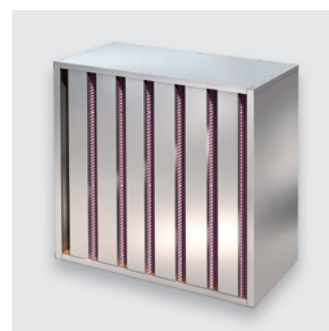
Viledon® ChemControl Filters



Filter type	Dimensions [mm]	Nominal volume flow [m³/h]	Filtering area [m²]
CCF 1000-B-P CCF 500-B-P	592 x 592 x 292	3,400	11
CCF 1000-P-P CCF 500-P-P	592 x 592 x 292	3,400	8



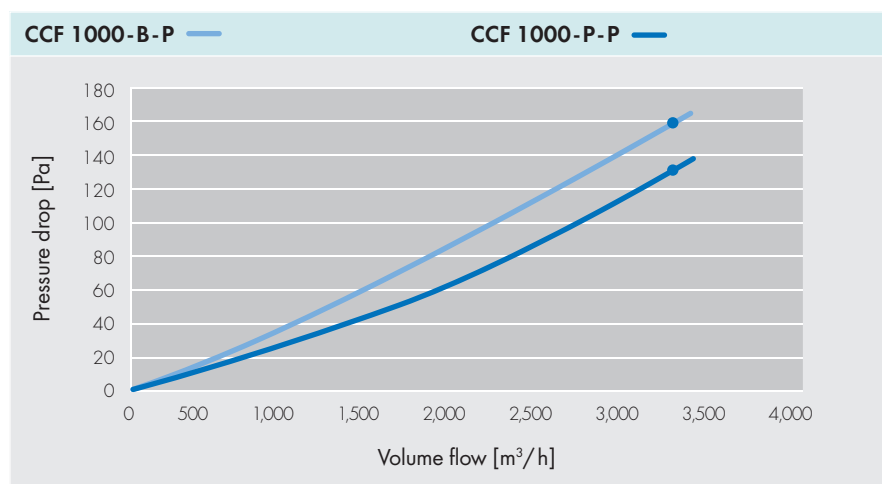
CCF 1000-P-P | CCF 500-P-P



CCF 1000-B-P | CCF 500-B-P

Viledon® ChemControl Filters of the CCF range provide an optimum solution for integrating chemisorptive filter media into conventional air handling systems. The chemisorptive components are mainly based on permanganate impregnated structures with basis weights of either 500 g or 1,000 g per square meter. The permanganate is highly reactive against acidic gases such as hydrogen sulfide and sulfur oxides, formaldehyde, mercaptanes and other inorganic contaminant gases. The chemisorptive

principle of operation avoids any desorption as it is known with activated carbons which are working on physical adsorption principals. These filters can easily be integrated in air handling units to supply relatively large amounts of make-up air into protected areas such as data centers and microelectronic production facilities. Depending on the concentrations of contaminant gases, the ChemControl Filters can be used in styles with different amounts of chemisorptively active permanganates.



Key data		CCF 1000-B-P CCF 500-B-P	CCF 1000-P-P CCF 500-P-P
		11 5.8	8 4.1
Content of permanganate substrate	kg		
Initial pressure drop (1000-series)	Pa	160	130
Weight, approx.	kg	26 21	20 15
Temperature resistance	°C	50	50
Suitable for gases		H ₂ S, SO ₂ , mercaptanes, formaldehyde	

The figures given are mean values subject to tolerances due to the normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case.

Subject to technical alterations.

You will find instructions on how to handle and dispose of loaded filters in our information on product safety and eco-compatibility.

Freudenberg Filtration Technologies SE & Co. KG

69465 Weinheim / Germany

Phone +49 (0) 6201 80-6264 | Fax +49 (0) 6201 88-6299

viledon-gasphase@freudenberg-filter.com | www.freudenberg-filter.com

