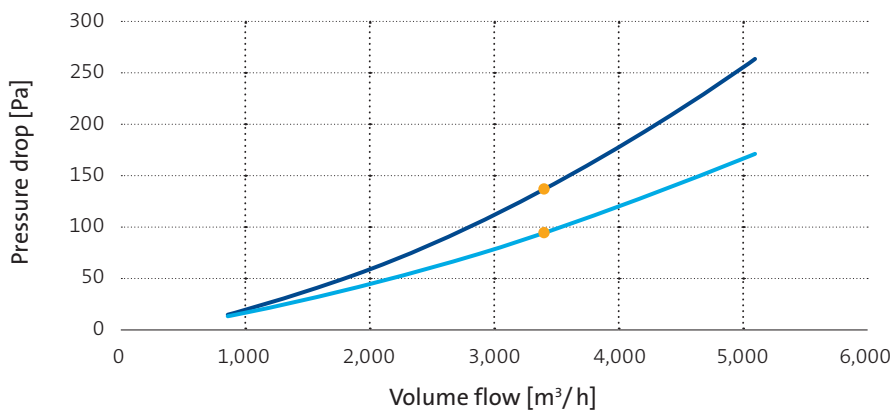
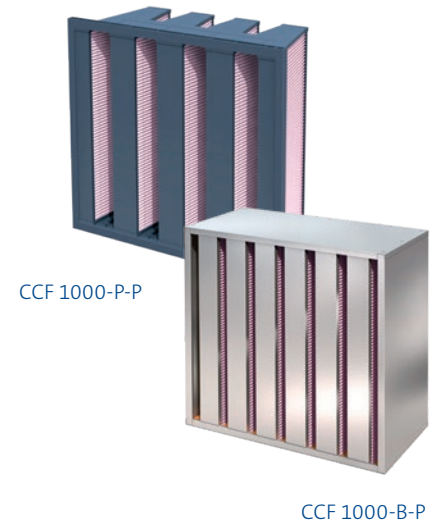


FILTER TYPE	DIMENSIONS (W × L × D) [mm]	NOMINAL VOLUME FLOW RATE [m³/h]	FILTER AREA [m²]
CCF 1000-B-P 1/1	592 × 592 × 292	3,400	11
CCF 1000-B-P 1/2	592 × 287 × 292	1,700	5.5
CCF 1000-P-P 1/1	592 × 592 × 292	3,400	8
CCF 1000-P-P 1/2	592 × 287 × 292	1,700	4

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 1,000 g per square meter. The permanganate is highly reactive against acidic gases such as hydrogen sulfide and sulfur oxides, formaldehyde, mercaptans and other inorganic contaminant gases. The chemisorptive principle of operation avoids any de-

sorption as it is known with activated carbons which are working on physical adsorption principles. 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.



— CCF 1000-B-P 1/1 — CCF 1000-P-P 1/1 ● Nominal volume flow rate

KEY DATA		CCF 1000-B-P 1/1	CCF 1000-P-P 1/1
Content of permanganate substrate	kg	11	8
Initial pressure drop	Pa	140	95
Weight, approx.	kg	28	12
Temperature resistance	°C	50	
Suitable for gases	H <sub>2</sub> S, SO <sub>2</sub> , mercaptanes, formaldehyde		

The information or figures given are subject to tolerances due to normal production fluctuations. Our explicit written confirmation is required in each case for the correctness of the information. 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.