

POCKET FILTER WINTECH 50

viledon®

GOOD CLEAN AIR QUALITY AT AFFORDABLE ACQUISITION COSTS

APPLICATION

- suitable as prefilter
- improves the protection of downstream filter stages



KEY DATA	WinTech 50 1/1 6L	WinTech 50 1/2 3L	WinTech 50 1/2H 6L	WinTech 50 1/4 3L	WinTech 50 5/6 5L
Article number	53623759	53623761	53623763	53623762	53623760
Dimensions (W x H x D) [mm]	592 x 592 x 600	287 x 592 x 600	592 x 287 x 600	287 x 287 x 600	490 x 592 x 600
Number of pockets	6	3	6	3	5
Class to ISO 16890	ISO ePM10 55%				
Particulate matter efficiency ISO ePM1 [%]	5				
Particulate matter efficiency ISO ePM2,5 [%]	13				
Particulate matter efficiency ISO ePM10 [%]	56				
Nominal volume flow [m³/h]	3,400	1,700	1,600	850	2,800
Initial pressure drop [Pa]	50				
Recommended final pressure drop [Pa]	300				
Filter area [m²]	4.5	2.2	2.1	1.1	3.6
Thermal stability [°C]	70				
Moisture-resistance (rel. hum.) [%]	100				
Frame	Metal				

For cost-efficiency or system-specific reasons it may be appropriate to change the filters before reaching the final pressure drop stated. It can also be exceeded in certain applications.

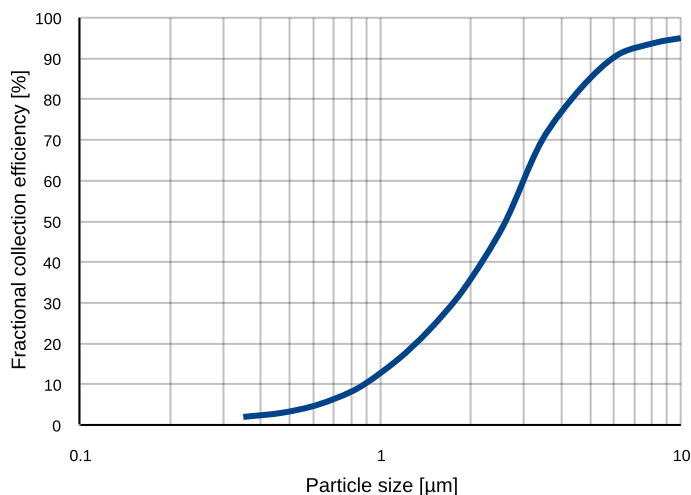
KEY DATA	WinTech 50 1/1 6S	WinTech 50 1/2 3S	WinTech 50 1/2H 6S	WinTech 50 1/4 3S	WinTech 50 5/6 5S
Article number	53623764	53623766	53623768	53623767	53623765
Dimensions (W x H x D) [mm]	592 x 592 x 360	287 x 592 x 360	592 x 287 x 360	287 x 287 x 360	490 x 592 x 360
Number of pockets	6	3	6	3	5

KEY DATA	WinTech 50 1/1 6S	WinTech 50 1/2 3S	WinTech 50 1/2H 6S	WinTech 50 1/4 3S	WinTech 50 5/6 5S
Class to ISO 16890	ISO ePM10 55%				
Particulate matter efficiency ISO ePM1 [%]	5				
Particulate matter efficiency ISO ePM2,5 [%]	13				
Particulate matter efficiency ISO ePM10 [%]	56				
Nominal volume flow [m³/h]	3,400	1,700	1,600	850	2,800
Initial pressure drop [Pa]	55				
Recommended final pressure drop [Pa]	300				
Filter area [m²]	2.7	1.3	1.2	0.7	2.3
Thermal stability [°C]	70				
Moisture-resistance (rel. hum.) [%]	100				
Frame	Metal				

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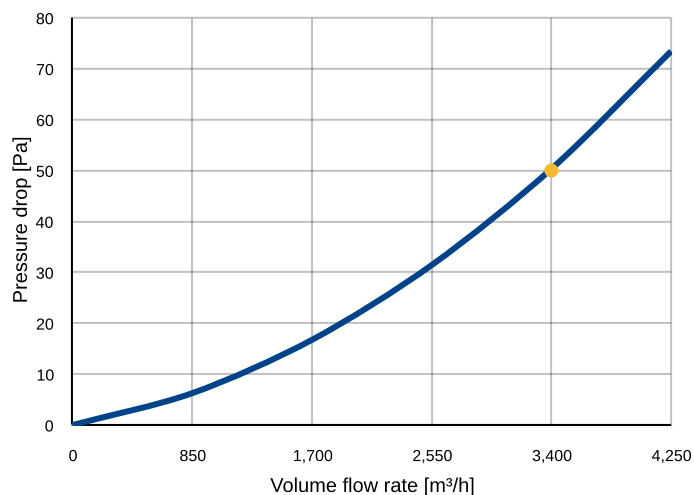
Fractional collection efficiency curve

- WinTech 50 1/1 6L



Initial pressure drop curve

- WinTech 50 1/1 6L
- Nominal air flow [m³/h] : 3,400



MEDIA AND CONSTRUCTION CHARACTERISTICS

- progressively structured filter media made of synthetic-organic fibers.
- free of glass fibers and microbiologically inactive.
- threadlike spacers tapered over pocket depth.
- galvanized steel frame.

FEATURES AND PLUSES

- moisture resistant up to 100 % relative humidity.
- simple and secure installation, suitable for all commonly used mounting frames.

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

FREUDENBERG FILTRATION TECHNOLOGIES

Contact us

www.freudenberg-filter.com

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