

# POCKET FILTER WINTECH 90

viledon®

GOOD CLEAN AIR QUALITY AT AFFORDABLE ACQUISITION COSTS



## APPLICATION

- suitable as downstream filters in ventilation systems



KEY DATA	WinTech 90 1/1 8L	WinTech 90 1/2 4L	WinTech 90 1/2H 8L	WinTech 90 1/4 4L	WinTech 90 5/6 6L
Article number	53623790	53623792	53623794	53623793	53623791
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	8	4	8	4	6
Class to ISO 16890	ISO ePM1 65%				
Particulate matter efficiency ISO ePM1 [%]	65				
Particulate matter efficiency ISO ePM2,5 [%]	75				
Particulate matter efficiency ISO ePM10 [%]	92				
Nominal volume flow [m³/h]	3,400	1,700	1,600	850	2,800
Initial pressure drop [Pa]	110				
Recommended final pressure drop [Pa]	300				
Filter area [m²]	5.8	2.8	2.7	1.4	4.4
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.

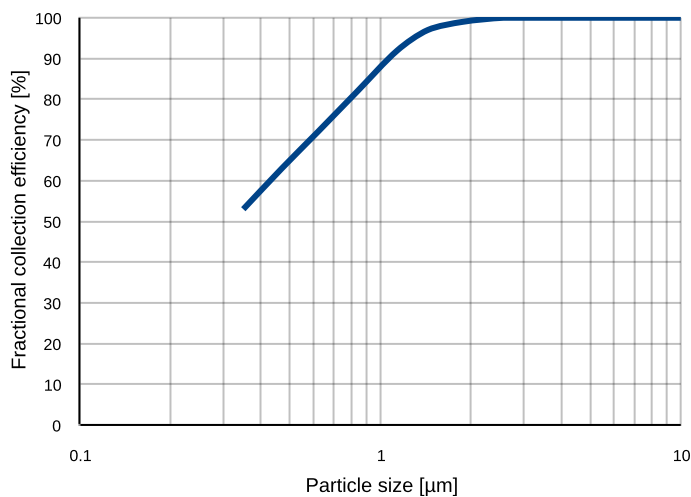
KEY DATA	WinTech 90 1/1 8S	WinTech 90 1/2 4S	WinTech 90 1/2H 8S	WinTech 90 1/4 4S	WinTech 90 5/6 6S
Article number	53623795	53623797	53623799	53623798	53623796
Dimensions (W x H x D) [mm]	592 x 592 x 360	287 x 592 x 360	592 x 287 x 360	287 x 287 x 360	490 x 592 x 360
Number of pockets	8	4	8	4	6

KEY DATA	WinTech 90 1/1 8S	WinTech 90 1/2 4S	WinTech 90 1/2H 8S	WinTech 90 1/4 4S	WinTech 90 5/6 6S
<b>Class to ISO 16890</b>	<b>ISO ePM1 65%</b>				
<b>Particulate matter efficiency ISO ePM1 [%]</b>	65				
<b>Particulate matter efficiency ISO ePM2,5 [%]</b>	75				
<b>Particulate matter efficiency ISO ePM10 [%]</b>	92				
<b>Nominal volume flow [m³/h]</b>	1,700	850	800	425	1,400
<b>Initial pressure drop [Pa]</b>	80				
<b>Recommended final pressure drop [Pa]</b>	300				
<b>Filter area [m²]</b>	3.5	1.7	1.6	0.8	2.6
<b>Thermal stability [°C]</b>	70				
<b>Moisture-resistance (rel. hum.) [%]</b>	100				
<b>Frame</b>	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.

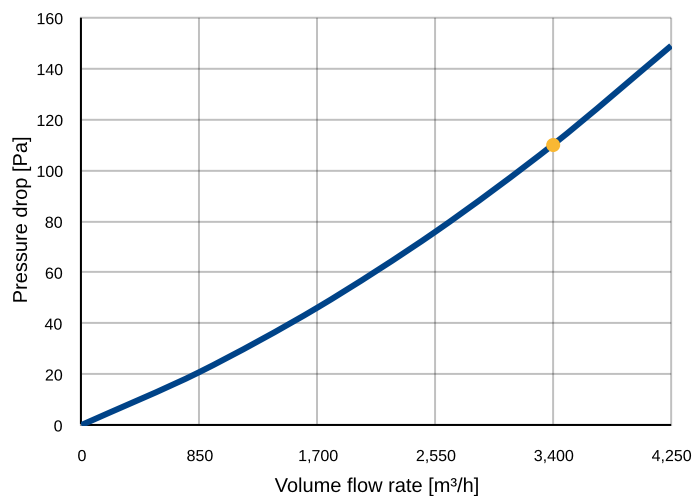
### Fractional collection efficiency curve

- WinTech 90 1/1 8L



### Initial pressure drop curve

- WinTech 90 1/1 8L
- Nominal air flow [m³/h] : 3,400



## MEDIA AND CONSTRUCTION CHARACTERISTICS

- three-layer 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](http://www.freudenberg-filter.com)

 **FREUDENBERG**  
INNOVATING TOGETHER