

HS-Z-Panel Filter

Class
EN 779



HS-Z-Panel Filter (Synthetic Fiber)

HS-Z-50 and HS-Z-100 are design to meet the needs of ACs and ventilation systems. They contain corrugated fleece. Due to this shape as well as the use of modern media these cells don't need any supporting screens, and are because of their lack of any metal completely incinerable. A robust cardboard frame holds the media.

HS-Z-Panel filters do not need a face guard for stabilization due to the fact that head seal hotmelt strings ensure optimal stability. Therefore the media's dust saturation is much better and pressure drop is lower than with usual panel filters.

Optional HS-Z-Filters can be assembled with plastic frame. The filters are available in standard and individual sizes. Because of the cells stability, the length of one side should not exceed 610 millimeters.

HS-Z-100 is also available in combination with filtration pad HS-Glas 2", if a integrated pre-filtration unit is needed.

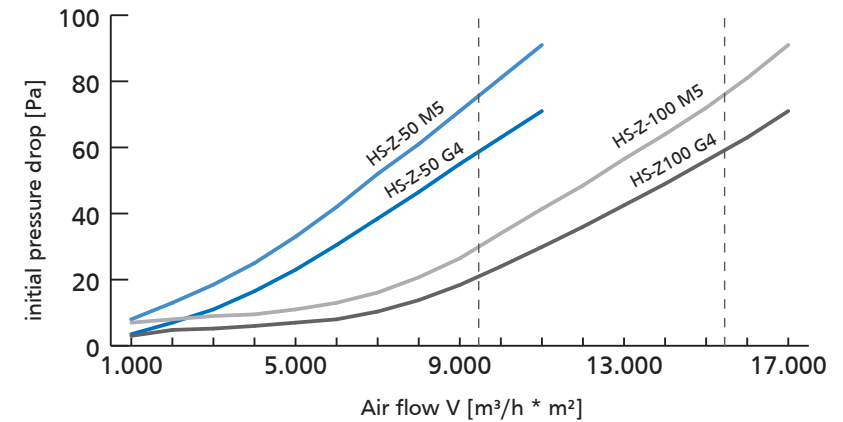
	Type	HS-Z-50	HS-Z-100
Efficiency (synthetic dust)	[%]	91	98
Efficiency (atmospheric dust)	[%]	40	60
Class according to EN 779		G4 / M5	G4 / M5
Nominal airflow	[m ³ /h*m ²]	9500	15500
Initial pressure drop with nominal airflow	[Pa]	55 / 75	55 / 75
Recommended final pressure drop	[Pa]	250 / 400	250 / 400
Temperature-resistance	[°C]	70	70

Examples of dimensions

HS-Z-50			
Dimension [mm]			Nominal airflow [m ³ /h]
Width	Height	Depth	
292	596	48	1700
393	495	48	1900
393	622	48	2400
495	495	48	2400
495	622	48	3000
596	596	48	3400

Examples of dimensions

HS-Z-100			
Dimension [mm]			Nominal airflow [m ³ /h]
Width	Height	Depth	
292	596	96	2700
393	495	96	3000
393	622	96	3800
495	495	96	3800
495	622	96	4700
596	596	96	5400



Our flexible production will be able to assemble the units upon your request. Please ask for further dimensions and configurations.

