# HS-ECO Pak 65, 85, 95 (Compact Filter)



## **HS-ECO Pak - Compact Fine Dust Filter**

This production line serves as pre- or main-filter for fine dust in air-conditioning and ventilation systems. The filter can be installed where pocket or compact filters won't fit due to space limitations. Also HS-ECO Pak offer a much higher initial efficiency (up to +25%) than common bag filters. Thermo-plastic threads are used as spacers be-

tween the densely packed media folds to achieve even spacing.

The frames are made from polystyrene. Therefore the filter is completely incinerable and easy to dispose. This design also guarantees a high stability. The media is water-resistant, and may thus be employed with highly humid airstreams - a temporarily pressure rise is typical. With a decreasing humidity level the resistance will also decline.

HS-ECO Pak may be installed both at the clean air as well as at the raw air side of a ventilation system.

### Frame:

plastic frame with header flange

#### Operating Environment:

- max. rel. humidity 100 % (glas media)
- temperature-resistant up to 65 °C

#### Media:

- fiberglass paper (water-resistant, damp-proof)
- Optionally: fully synthetic polypropylene ultra rigid, also at very high (condensing) humidity
- Incinerable:

yes

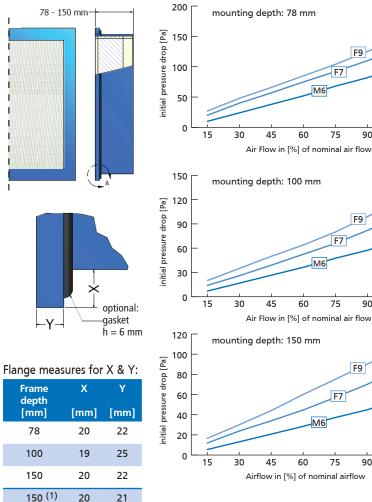
#### Filter Class EN 779:

• M6, F7, F9

Options:

- foamed gasket on flange
  - protection grill (single or both sides)

		Typ: H	IS-ECO Pak	65	85	95
Dimensions [mm]			Nominal airflow	Pressure drop [Pa] @ class EN779:		
W	Н	D	[m <sup>3</sup> /h]	M6	F7	F9
592	592	78	3400	100	130	150
490	592	78	2800			
287	592	78	1700			
287	287	78	850			
592	592	100	3400	70	100	120
490	592	100	2800			
287	592	100	1700			
287	287	100	850			
592	592	150	3400			
490	592	150	2800	55	85	105
287	592	150	1700			
287	287	150	850			



292 (1) 20 21 (1) The Framedepth can be varied for these profile types only.

45 60 75 90 100 120 Air Flow in [%] of nominal air flow mounting depth: 150 mm F9 F7 M6 45 60 75 90 100 120 Airflow in [%] of nominal airflow

Class

60

75

EN 779

M 6

F9

90

F9

F7

100

120

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



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