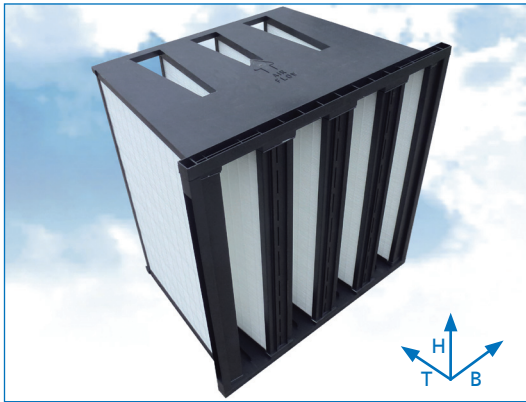


HS-Deka Pak 65, 85, 95 - (Fine Dust Filter)

Class
EN 779



HS-Deka Pak

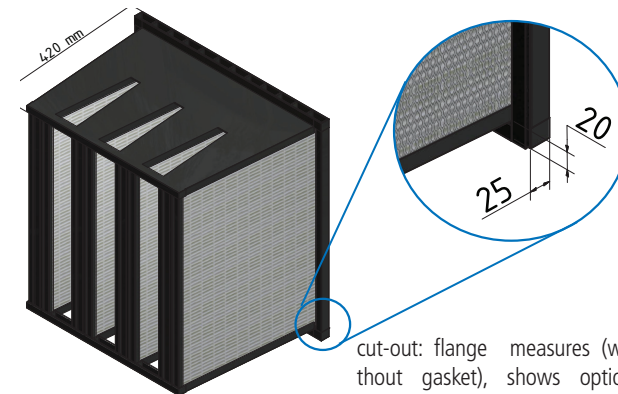
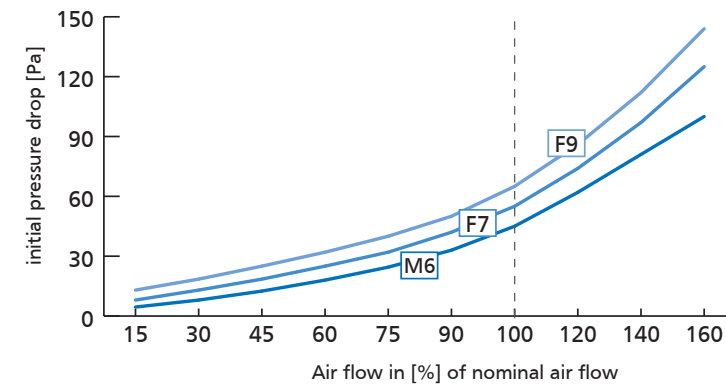
HS-Deka Pak compact filters provide twice the filter area compared to conventional types of rigid bag filters due to the greater depth of 420 mm. This allows for applications such as turbo machinery, process air and HVAC maximum flow rates and significantly longer service life. Your applications may profit from the of significantly lower energy consumption than with other types of filters.

HS-Deka Pak are especially recommended for applications where installation space is critical but high flow rates are required. Due to the tolerance against high air speed this filter gives more freedom in the design of space saving filter processes. HS-Pak Deka suit ideally as pre- or main filter for filtration of fine dusts and aerosols. They serve as intake and exhaust air filter also in harsh operating environments with high humidity. For use in the offshore turbo machinery, process air or salt removal these filter can be equipped with synthetic filter media, which does not lack in structural strength and stability when completely soaked with moisture. The sturdy plastic frame is corrosion-free and allows for easy disposal, since the filter can be completely incinerated after ending its service lifetime.

- **Frame:**
corrosion resistant plastic (ps)
- **Operating Environment:**
 - max. rel. humidity 100 [%]
 - max. temp. 65 [°C],
peak max. 80 [°C]
- **Separator:**
thermoplastic (minipleat)
- **Filtermedia:**
 - high-quality fiberglass paper (water-resistant, damp-proof)
 - Option: fully synthetic polypropylene ultra rigid, also at very high (condensing) humidity
 - with high humidity the pressure difference might temporarily rise
- **Incinerable:**
YES
- **Filter Class EN 779:**
M6, F7, F9
- **Options:**
 - 1: burst / grasp protection grid
 - 2: flat section gasket on the flange height: 6 or 8 mm
- **Areas of use:**
 - main filter for turbo machinery
 - pre- and main filterstage for partice filtration
 - high performance alternative for bag or std. rigid bag filters.

Dimension and performance

Dimensions (W x H x D)	[mm]	592x287x420	592x490x420	592x592x420
Rated air flow (normal / maximal)	[m³/h]	1700 / 2500	2800 / 4100	3400 / 5000
Initial-ΔP HS-Deka Pak 65, class M6	[Pa]	45 / 90	45 / 90	45 / 90
Initial-ΔP HS-Deka Pak 85, class F7	[Pa]	55 / 105	55 / 105	55 / 105
Initial-ΔP HS-Deka Pak 95, class F9	[Pa]	65 / 120	65 / 120	65 / 120
recommened final ΔP	[Pa]	600	600	600
weight	[kg]	6	8	12



cut-out: flange measures (without gasket), shows option 1 & 2.

Energy class according to standard Eurovent 4/11:

