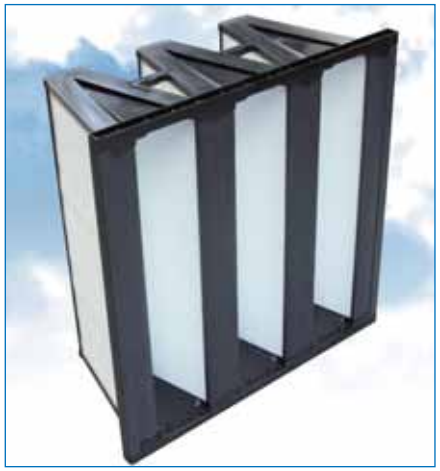
HS-Mikro Pak 65 (Compact Filter)

Class EN 779: M 6



HS-Mikro Pak 65 - Fine Dust Filter

HS-Mikro Pak 65 is ideally suitable as pre- and main-filtration elements for environments with voluminous airstreams and/or when long lifespan is necessary. HS-Mikro Pak 65 can be used as fine dust filtration in air-conditioning, ventilation or turbine systems. The filters serve both as pre- and main-filters for adsorbing airborne particles, toxic dust, as well as aerosols in inside air outlets and outside air inlets.

The rigid and corrision reisistant plastic frame ensures easy disposal of the used filter because it is totally combustable.

Upon request HS-Mikro Pak can be equipped with a burst protection grid on the clean air side. Tests at the VTT have prooved that HS-Mikro Pak filters widthstand the tests maximum pressure drop of >4500 Pa with ease.

The filters fit into all mounting frames for bag-filters from multiple other brands.

Frame:
- corrosion-resistant plastic (PS)

Operation Environment:
- max. rel. humidity 100 % (glas media)
- temperature-resistant up to 65 °C for a short time up to max. 80 °C

Separator:
- thermo-plastic (mini-pleat)

Media:
- high-quality fiberglass paper (water-resistant, damp-proof)
- **NEW Option: fully synthetic polypropylene** ultra rigid, also at very high (condensing) humidity
- with high humidity the pressure difference might temporarily rise

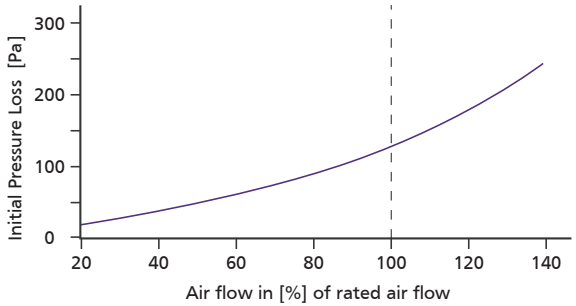
Incinerable:
- yes

Filter Class EN 779:
- M6

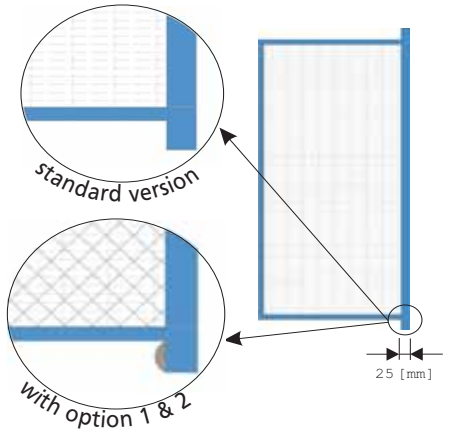
Specifications:
- Option 1: burst/grasp protection grid
- Option 2: foamed gasket, clean side of flange
- Option 3: increased filtration surface

Areas of Use:
- pre- and main-filter for adsorbing airborne particles
- highly efficient, space-saving alternative to pocket filters

Dimensions & Performance				
Dimensions of frame (W x H x D)	[mm]	592x287x292	592x490x292	592x592x292
Nominal Airflow (normal / maximal)	[m³/h]	1700 / 2500	2800 / 4100	3400 / 5000
Initial pressure drop	[Pa]	65 / 120	65 / 120	65 / 120
Reccomended final pressure drop	[Pa]	600	600	600
Weight	[kg]	3	4	6



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



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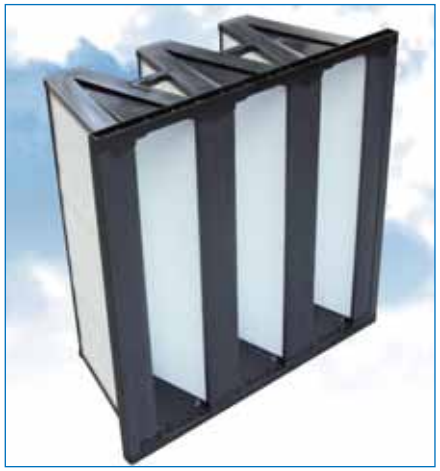
HS-Mikro Pak 85 (Compact Filter)

Class EN 779: F7

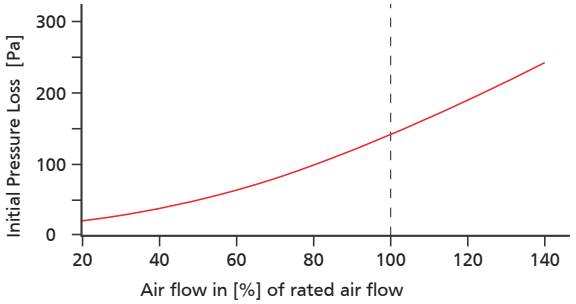


HS-Mikro Pak 85 - Fine Dust Filter

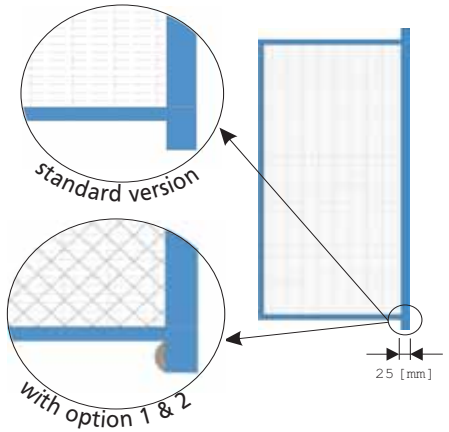
These filters serve as pre- or main-filtration elements for environments with voluminous airstreams and/or when long lifespan is necessary. HS-Mikro Pak 85 can be used as fine dust filtration in air-conditioning, ventilation or turbine systems. The filters serve both as pre- and main-filters for adsorbing airborne particles, toxic dust, as well as aerosols in inside air outlets and outside air inlets. The rigid and corrision reisistant plastic frame ensures easy disposal of the used filter because it is totally combustable.
Upon request HS-Mikro Pak can be equipped with a burst protection grid on the clean air side. Tests at the VTT have prooved that HS-Mikro Pak filters widthstand the tests maximum pressure drop of >4500 Pa with ease.
The filters fit into all mounting frames for bag-filters from multiple other brands.

- **Frame:**
  - corrosion-resistant plastic (PS)
- **Operation Environment:**
  - max. rel. humidity 100 % (glas media)
  - temperature-resistant up to 65 °C for a short time up to max. 80 °C
- **Separator:**
  - thermo-plastic (mini-pleat)
- **Media:**
  - high-quality fiberglass paper (water-resistant, damp-proof)
  - **NEW 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:**
  - F7
- **Specifications:**
  - Option 1: burst/grasp protection grid
  - Option 2: foamed gasket, clean side of flange
  - Option 3: increased filtration surface
- **Areas of Use:**
  - main-filter for turbine inlets
  - pre- and main-filter for adsorbing airborne particles
  - highly efficient, space-saving alternative to pocket filters

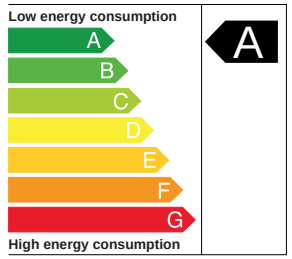
Dimensions & Performance				
Dimensions of frame (W x H x D)	[mm]	592x287x292	592x490x292	592x592x292
Nominal Airflow (normal / maximal)	[m³/h]	1700 / 2500	2800 / 4100	3400 / 5000
Initial pressure drop	[Pa]	75 / 140	75 / 140	75 / 140
Reccomended final pressure drop	[Pa]	600	600	600
Weight	[kg]	3	4	6



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



Energy class according to standard Eurovent 4/11:



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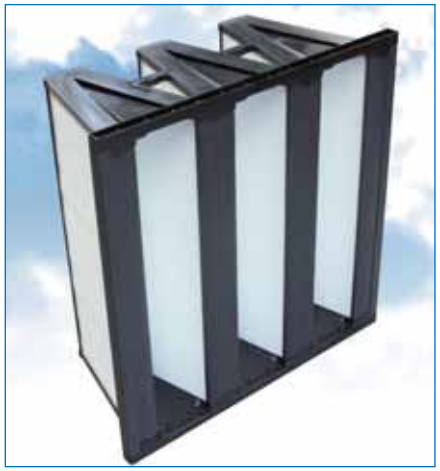
HS-Mikro Pak 95 (Compact Filter)

Class EN 779: F9



HS-Mikro Pak 95 - Fine Dust Filter

These filters serve as pre- or main-filtration elements for environments with voluminous airstreams and/or when long lifespan is necessary. HS-Mikro Pak 95 can be used as fine dust filtration in air-conditioning, ventilation or turbine systems. The filters serve both as pre- and main-filters for adsorbing airborne particles, toxic dust, as well as aerosols in inside air outlets and outside air inlets. The rigid and corrision reisistant plastic frame ensures easy disposal of the used filter because it is totally combustable.

Upon request HS-Mikro Pak can be equipped with a burst protection grid on the clean air side. Tests at the VTT have prooved that HS-Mikro Pak filters widthstand the tests maximum pressure drop of >4500 Pa with ease. Various comparison tests have prooved that HS-Mikro Pak has superior efficiency and service lifetime over most competitor products. If required we can supply you with more detailt informations on this topic.

Frame:
- corrosion-resistant plastic (PS)

Operation Environment:
- max. rel. humidity 100 % (glas media)
- temperature-resistant up to 65 °C for a short time up to max. 80 °C

Separator:
- thermo-plastic (mini-pleat)

Media:
- high-quality fiberglass paper (water-resistant, damp-proof)
- **NEW Option: fully synthetic polypropylene** ultra rigid, also at very high (condensing) humidity
- with high humidity the pressure difference might temporarily rise

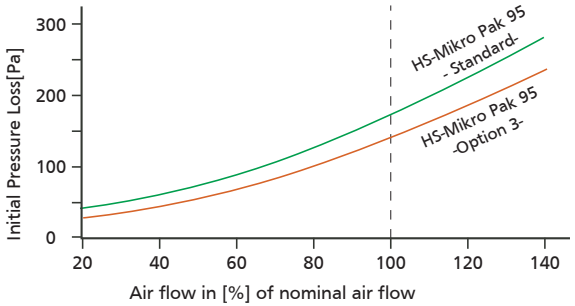
Incinerable:
- yes

Filter Class EN 779:
- F9

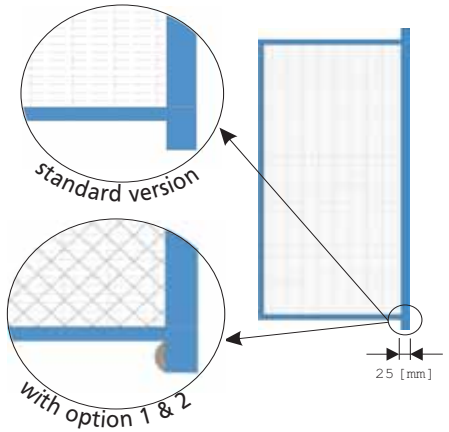
Specifications:
- Option 1: burst/grasp protection grid
- Option 2: foamed gasket, clean side of flange
- Option 3: increased filtration surface

Areas of Use:
- main-filter for turbine inlets
- pre- and main-filter for adsorbing airborne particles
- highly efficient, space-saving alternative to pocket filters

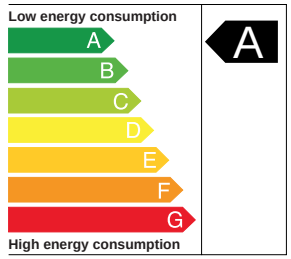
Dimensions & Performance				
Dimensions of frame (W x H x D)	[mm]	592x287x292	592x490x292	592x592x292
Nominal Airflow (normal / maximal)	[m³/h]	1700 / 2500	2800 / 4100	3400 / 5000
Initial pressure drop	[Pa]	85 / 165	85 / 165	85 / 165
Reccomended final pressure drop	[Pa]	600	600	600
Weight	[kg]	3	4	6



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



Energy class according to standard Eurovent 4/11:



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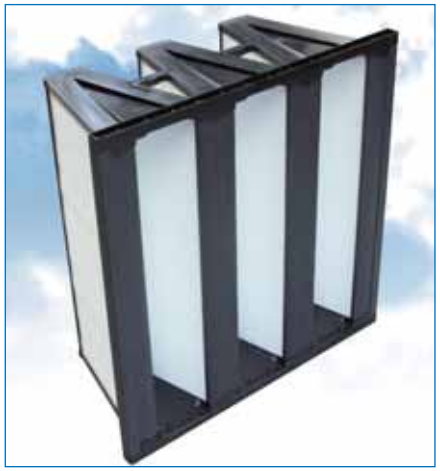
HS-Mikro Pak SFV, RFV

Class EN 1822: E 11 | H 13

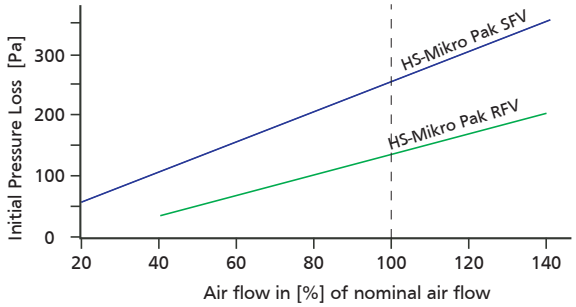


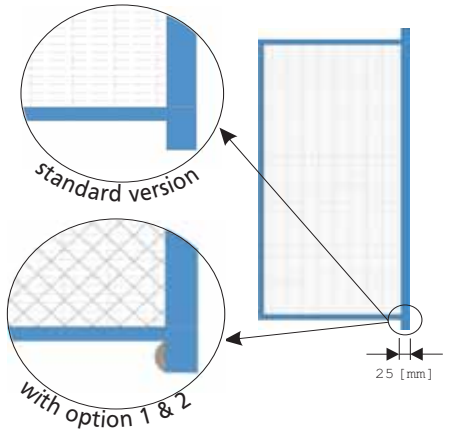
HS-Mikro Pak SFV HEPA-FIlter
fits idealy as main filter stage where high air flow rates and maximum efficiency are required. HS-Mikro Pa SFV are applied mainly in industrial process (i.e. as safety filter after mechanical oil-fog filters).
HS-Mikro Pak SFV also fit as mainfilterstage for the removal of particles, toxic dusts or aerosols from the exhaust or supply air flows, especially when high flow rates are required. The V-bank system offers superior filter surfaces and therefore ensures a longer service lifetime.
The filterframe offers maximum rigidity and is corrosion free. The filterframe consists of plastic and therefore guarantees an easy waste disposal because the whole filter is completely incinreable.
The design also fulfills differen hygiene regulations (like the german VDI 6022) and therefore is especially reccomended for areas with high air humidity.

- **Frame:**
  - corrosion-resistant plastic (PS)
- **Operation Environment:**
  - max. rel. humidity 100 %
  - temperature-resistant up to 65 °C for a short time up to max. 80 °C
- **Separator:**
  - thermo-plastic (mini-pleat)
- **Media:**
  - high-quality fiberglass paper (water-resistant, damp-proof)
  - with high humidity the pressure difference might temporarily rise
- **Incinerable:**
  - yes
- **Filter Class EN 1822:**
  HS-Mikro Pak RFV : E11
  95% @ MPPS

  HS-Mikro Pak SFV : H13
  99,95% @ MPPS
- **Specifications:**
  - Option 1:
    burst/grasp protection grid
  - Option 2:
    foamed gasket on clean air side of flange
  - Option 3:
    increased filtration surface
- **Areas of Use:**
  - Industrial processes
  - pre filtration for clean rooms
  - demanding off-shore tasks

Dimensions and Performance				
Dimensions of frame (W x H x D)	[mm]	592x287x292	592x490x292	592x592x292
Weight	[kg]	3,2	5,3	6
Initial pressure drop (SFV / RFV)	[Pa]	250 / 125	250 / 125	250 / 125
Recommended final pressure drop	[Pa]	600	600	600
Nominal airflow	[m³/h]	1200	2000	2500





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