EPA FILTER | FRAME DEPTH 292 MM

viledon®

EFFICIENT AND RELIABLE AIR FILTRATION

APPLICATION

- Intake, exhaust and recirculating air filtration of ventilation systems with special requirements for clean air quality
- Sophisticated air-conditioning applications (hospitals, labs, cleanrooms, museums, etc.)
- In sensitive industrial processes (pharmaceuticals, biotechnology, chemicals, optics, food / beverages, micro-electronics, etc.)
- As downstream policing filters in dust removal applications
- In the intake air filtration of turbomachinery

KEY DATA	SF11-K-0610x0305x292x20-N10N-F60	SF11-K-0610x0610x292x20-N10N-F60	SF11-K-0610x0762x292x20-N10N-F60
Article number	73076885	73076460	73076469
Dimensions (W x H x D) [mm]	305 x 610 x 292	610 x 610 x 292	762 x 610 x 292
Filter class acc. to EN 1822	E11		
Class to ISO 16890	ISO ePM1 >95%		
Particulate matter efficiency ISO ePM1 [%]	97		
Particulate matter efficiency ISO ePM2,5 [%]	99		
Particulate matter efficiency ISO ePM10 [%]	> 99		
MPPS efficiency [%] [1]	≥ 95		
Filter class acc. to ISO 29463	ISO 15 E		
Nominal volume flow [m³/h]	1,400	3,000	4,000
Initial pressure drop [Pa]	160		
Recommended final pressure drop [Pa]	600		
Thermal stability [°C]	70		
Dimensions L [mm]	305	610	762
Pleat depth [mm]	200		
Filter medium	Glasfaserpapier		
Frame	Plastic		
Seal position	Raw air side		
Version	Normal		

[1] MPPS: Most Penetrating Particle Size efficiency [%]

KEY DATA	SF11-K-0610x0305x292x27-N18N-F60	SF11-K-0610x0610x292x27-N18N-F60	SF11-K-0610x0762x292x27-N18N-F60
Article number	73076456	73076455	73076632
Dimensions (W x H x D) [mm]	305 x 610 x 292	610 x 610 x 292	762 x 610 x 292
Filter class acc. to EN 1822	E11		
Class to ISO 16890	ISO ePM1 >95%		
Particulate matter efficiency ISO ePM1 [%]	97		
Particulate matter efficiency ISO ePM2,5 [%]	99		
Particulate matter efficiency ISO ePM10 [%]	> 99		
MPPS efficiency [%] [1]	≥ 95		
Filter class acc. to ISO 29463	ISO 15 E		
Nominal volume flow [m³/h]	1,550	3,400	4,300
Initial pressure drop [Pa]	160		
Recommended final pressure drop [Pa]	600		
Thermal stability [°C]	70		
Dimensions L [mm]	305	610	762
Pleat depth [mm]	270		
Filter medium	Glasfaserpapier		
Frame	Plastic		
Seal position	Raw air side		
Version	Normal		

[1] MPPS: Most Penetrating Particle Size efficiency [%]

MEDIA AND CONSTRUCTION CHARACTERISTICS

- High-efficiency micro-glassfiber papers with a special thermoplastic bonding system.
- Patented thermal embossing MaxiPleat-technology for optimum V-shaped geometry and equidistance of the pleats.
- Frame consists of halogen-free plastic and is exceptionally distortion-resistant, moisture-resistant and fully incinerable.
- On request with plastic protection grids on both sides to minimize damage to the filter medium.
- Microbiologically inactive and meet all hygiene requirements of the German VDI Guideline 6022.

FEATURES AND PLUSES

- Particularly cost-efficient and dependable operation.
- Maximum, homogeneous air passage at a very low pressure drop.
- Easy handling and mounting, thanks to exceptionally low weight and continuous, homogeneously foamed on polyurethane gasket.
- Non-corroding and easy to dispose of, as it is metal-free.

DS-EHU-149-01092023-1128-EN