HEPA 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 and sterility
- Sophisticated air-conditioning applications (intensive care units of hospitals and medical institutes, labs, sterile rooms, etc.)
- In sensitive industrial processes (pharmaceuticals, biotechnology, chemicals, optics, food / beverages, micro-electronics, etc.)
- In the treatment of dangerous substances (asbestos disposal, heavy metals, carcino-genic dusts, etc.)
- As downstream policing filters in dust removal applications

KEY DATA	SF14-K-0305x0305x292x27-N18N-J60	SF14-K-0457x0457x292x27-N18N-J60	SF14-K-0610x0305x292x27-N18N-J60
Article number	73076751	73076881	73076504
Dimensions (W x H x D) [mm]	305 x 305 x 292	457 x 457 x 292	305 x 610 x 292
Filter class acc. to EN 1822		H14	
MPPS efficiency [%] [1]	≥ 99, 995	≥ 99,995	≥ 99,995
Filter class acc. to ISO 29463		ISO 45 H	
Nominal volume flow [m³/h]	375	900	850
Initial pressure drop [Pa]		150	
Recommended final pressure drop [Pa]		600	
Thermal stability [°C]		70	
Dimensions L [mm]	305	457	305
Pleat depth [mm]		270	
Filter medium		Glasfaserpapier	
Frame		Plastic	
Seal position		Raw air side	
Version		Normal	

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

KEY DATA	SF14-K-0610x0457x292x27-N18N-J60	SF14-K-0610x0610x292x27-N18N-J60	SF14-K-0610x0762x292x27-N18N-J60
Article number	73076638	73076463	73076873
Dimensions (W x H x D) [mm]	457 x 610 x 292	610 x 610 x 292	762 x 610 x 292

KEY DATA	SF14-K-0610x0457x292x27-N18N-J60	SF14-K-0610x0610x292x27-N18N-J60	SF14-K-0610x0762x292x27-N18N-J60
Filter class acc. to EN 1822	**H14**		
MPPS efficiency [%] [1]	≥ 99,995		
Filter class acc. to ISO 29463	ISO 45 H		
Nominal volume flow [m³/h]	1,250	1,700	2,150
Initial pressure drop [Pa]	150		
Recommended final pressure drop [Pa]	600		
Thermal stability [°C]	70		
Dimensions L [mm]	457	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, on request also with flat gasket.
- Each filter element is tested for leakproofing in accordance with EN 1822, and delivered together with the corresponding test certificate.
- Non-corroding and easy to dispose of, as it is metal-free.

DS-EHU-151-01092023-1149-EN