

HEPA CEILING FILTER

(KNIFE EDGE PROFILE)



Applications:

Final filter for cleanrooms and LF Units
 Suitable for Fan Filter Units
 Life science
 Healthcare
 Microelectronics
 Food & Beverages

Highlights:

- High quality glass fiber media
- Guaranteed leak free
- Individual test certificate (acc. to EN 1822 - ISO 29463)
- Optimized velocity distribution



Filter Standard:	EN 1822 and ISO 29463	Max. Operating Temperature:	80°C
Filter Class:	H13 - H14	Faceguard:	Aluminium sheet (powder coated)
Media:	High quality glass fiber	Gasket:	PU foam
Frame:	Anodized extruded aluminium	Sealing Compound:	Two component polyurethane
Rec. Final Pressure Drop:	Initial pressure drop x2, (max. 600 Pa)	Separator:	Hotmelt

HEPA CEILING FILTER (KNIFE EDGE PROFILE/89)

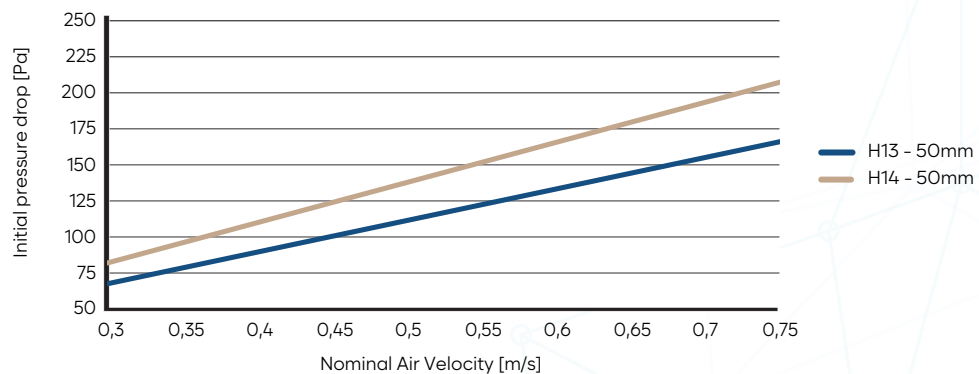
Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
	EN 1822	ISO 29463					
HC-H13-A-SM-1-305-305-89-FB-P	H13	ISO 35 H	305x305x89	2,3	50	150	100
HC-H13-A-SM-1-305-610-89-FB-P	H13	ISO 35 H	305x610x89	4,5	50	300	100
HC-H13-A-SM-1-457-457-89-FB-P	H13	ISO 35 H	457x457x89	5	50	340	100
HC-H13-A-SM-1-610-610-89-FB-P	H13	ISO 35 H	610x610x89	9	50	600	100
HC-H13-A-SM-1-610-915-89-FB-P	H13	ISO 35 H	610x915x89	13,5	50	900	100
HC-H13-A-SM-1-610-1220-89-FB-P	H13	ISO 35 H	610x1220x89	18	50	1200	100
HC-H14-A-SM-1-305-305-89-FB-P	H14	ISO 45 H	305x305x89	2,4	50	150	125
HC-H14-A-SM-1-305-610-89-FB-P	H14	ISO 45 H	305x610x89	4,7	50	300	125
HC-H14-A-SM-1-457-457-89-FB-P	H14	ISO 45 H	457x457x89	5,3	50	340	125
HC-H14-A-SM-1-610-610-89-FB-P	H14	ISO 45 H	610x610x89	9,4	50	600	125
HC-H14-A-SM-1-610-915-89-FB-P	H14	ISO 45 H	610x915x89	14	50	900	125
HC-H14-A-SM-1-610-1220-89-FB-P	H14	ISO 45 H	610x1220x89	18,8	50	1200	125

"Other dimensions are available on request."
"Differential Pressure Tolerance ±10%"

HEPA CEILING FILTER (KNIFE EDGE PROFILE) CODE CONFIGURATION

Filter Type	Filter Class	Frame	Pleat Height	Design	Dimensions (mm)	Faceguard	Gasket
HC : HEPA Ceiling Filter (Knife Edge Profile)	H13 H14	A: Aluminium	1: 50 mm 3: 75 mm	SM: Separated	610x610x89	FB: On Both Sides	P: Continuous Pu Foam

Knife Edge Ceiling Filter - Pleat Code:1 (PH50)



HEPA CEILING FILTER (KNIFE EDGE PROFILE/109)

Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
	EN 1822	ISO 29463					
HC-H13-A-SM-3-305-305-109-P	H13	ISO 35 H	305x305x109	3,4	75	150	75
HC-H13-A-SM-3-305-610-109-P	H13	ISO 35 H	305x610x109	6,8	75	300	75
HC-H13-A-SM-3-457-457-109-P	H13	ISO 35 H	457x457x109	7,6	75	340	75
HC-H13-A-SM-3-610-610-109-P	H13	ISO 35 H	610x610x109	13,5	75	600	75
HC-H13-A-SM-3-610-915-109-P	H13	ISO 35 H	610x915x109	20,3	75	900	75
HC-H13-A-SM-3-610-1220-109-P	H13	ISO 35 H	610x1220x109	27	75	1200	75
HC-H14-A-SM-3-305-305-109-P	H14	ISO 45 H	305x305x109	3,5	75	150	90
HC-H14-A-SM-3-305-610-109-P	H14	ISO 45 H	305x610x109	7,1	75	300	90
HC-H14-A-SM-3-457-457-109-P	H14	ISO 45 H	457x457x109	7,9	75	340	90
HC-H14-A-SM-3-610-610-109-P	H14	ISO 45 H	610x610x109	14,1	75	600	90
HC-H14-A-SM-3-610-915-109-P	H14	ISO 45 H	610x915x109	21,2	75	900	90
HC-H14-A-SM-3-610-1220-109-P	H14	ISO 45 H	610x1220x109	28,2	75	1200	90

"Other dimensions are available on request."
"Differential Pressure Tolerance ±10%"

