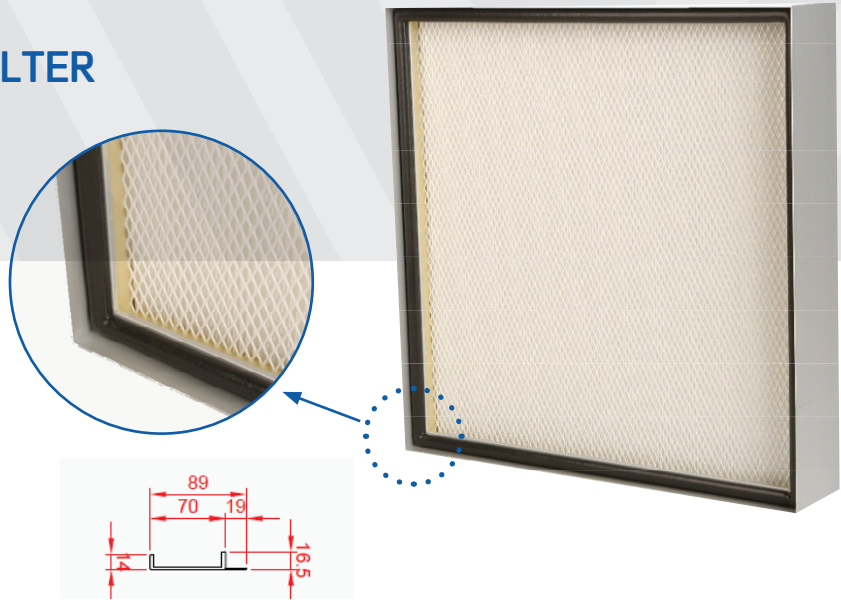


EPA/HEPA/ULPA CEILING FILTER

KNIFE EDGE PROFILE



Specifications

- Optimized velocity distribution
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Available in all grades
- Various frame sizes with any dimensions

Filter Class; H13 - H14 - U15

Media; High quality glass fibre

Sealing Compound; Two component polyurethane

Separators; Hotmelt

Frame type; Anodized, extruded aluminium


Flammability Class; K1/F1 for normal Temp.

Faceguard; Aluminium sheet (powder coated)

Max. Final Pressure Drop; 600 Pa

Gasket; PU foam

Max. Operating Temperature; 75°C

Filter Pleat	Pleat Height (PH-...)(mm)	Pleat Code	Filtration area per m ² face area	Filter Class (EN1822)	Pack resistance (Pa) @ nominal air velocity (0,45m/s)	Frame Code for pleat	Frame Depth for pleat (mm)
	50	1	24,2	H13	100	ASM	89
			25,3	H14	125		
			26,9	U15	140		

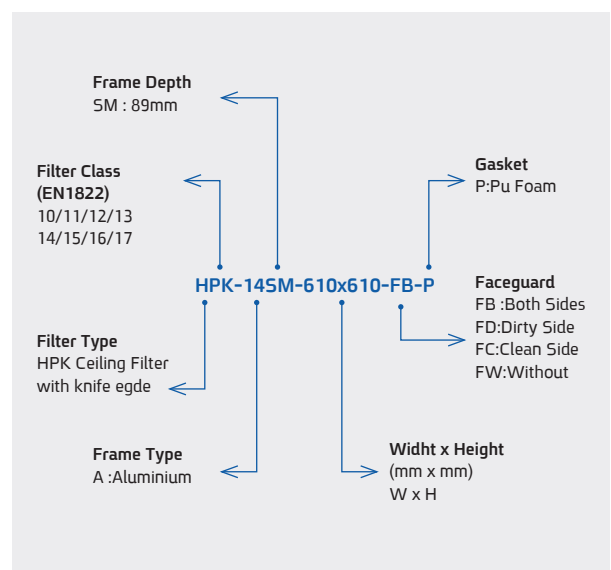
* Differential Pressure Tolerance ±10%

High-efficiency HEPA Ceiling filters protect people, equipment and processes from airborne particulate contamination. They are designed for clean room ceilings and cleanroom work tables requiring high or very high levels of air purity to provide laminar flow.

Applications: Industrial processes like microelectronics, medicine, pharma, the food industry, microbiology, chemistry, laboratories, hospital and hospital operating theatres, laminar flow boxes, fan filter units, nuclear energy and nuclear research.

Filtration area and pleat height designed with the optimum value are more important for performance of filters. The filters having high pleat height offer a good solution with lower operating costs and significantly reducing energy consumption.

HEPA and ULPA filters are tested and certified individually according to EN1822 with the advanced technology. We would recommend the higher grades of prefilters to increase the service life of the ceiling filters.





ATRITECH

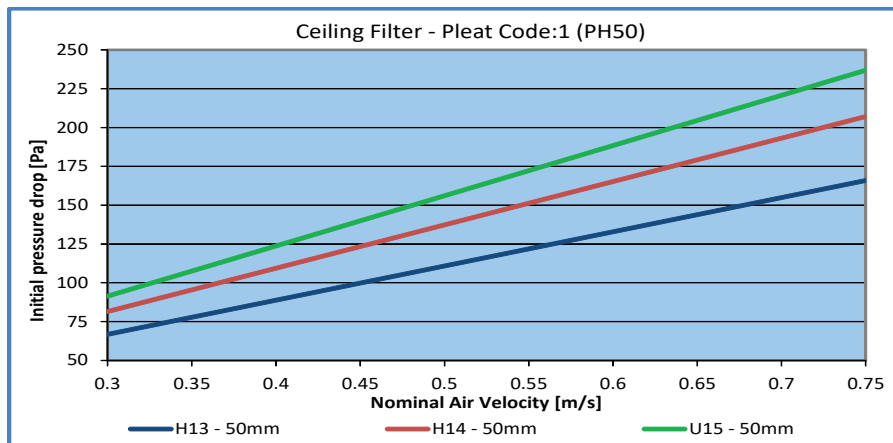
CLEAN AIR IS OUR EXPERTISE

HEPA/ULPA CEILING FILTER

KNIFE EDGE PROFILE (ASM;89MM - PH;50MM)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HPK-13SM-305x305-FB-P	H13	305x305x89	2.3	50	150	100
HPK-13SM-305x610-FB-P	H13	305x610x89	4.5	50	300	100
HPK-13SM-457x457-FB-P	H13	457x457x89	5.1	50	340	100
HPK-13SM-457x610-FB-P	H13	457x610x89	6.7	50	450	100
HPK-13SM-535x535-FB-P	H13	535x535x89	6.9	50	465	100
HPK-13SM-575x575-FB-P	H13	575x575x89	8.0	50	535	100
HPK-13SM-610x610-FB-P	H13	610x610x89	9.0	50	600	100
HPK-13SM-610x762-FB-P	H13	610x762x89	11.2	50	750	100
HPK-13SM-610x915-FB-P	H13	610x915x89	13.5	50	900	100
HPK-13SM-762x762-FB-P	H13	762x762x89	14.0	50	940	100
HPK-13SM-915x915-FB-P	H13	915x915x89	20.3	50	1350	100
HPK-13SM-610x1220-FB-P	H13	610x1220x89	18.0	50	1200	100
HPK-13SM-610x1525-FB-P	H13	610x1525x89	22.5	50	1500	100
HPK-13SM-610x1830-FB-P	H13	610x1830x89	27.0	50	1800	100
HPK-14SM-305x305-FB-P	H14	305x305x89	2.4	50	150	125
HPK-14SM-305x610-FB-P	H14	305x610x89	4.7	50	300	125
HPK-14SM-457x457-FB-P	H14	457x457x89	5.3	50	340	125
HPK-14SM-457x610-FB-P	H14	457x610x89	7.0	50	450	125
HPK-14SM-535x535-FB-P	H14	535x535x89	7.2	50	465	125
HPK-14SM-575x575-FB-P	H14	575x575x89	8.4	50	535	125
HPK-14SM-610x610-FB-P	H14	610x610x89	9.4	50	600	125
HPK-14SM-610x762-FB-P	H14	610x762x89	11.7	50	750	125
HPK-14SM-610x915-FB-P	H14	610x915x89	14.1	50	900	125
HPK-14SM-762x762-FB-P	H14	762x762x89	14.7	50	940	125
HPK-14SM-915x915-FB-P	H14	915x915x89	21.2	50	1350	125
HPK-14SM-610x1220-FB-P	H14	610x1220x89	18.8	50	1200	125
HPK-14SM-610x1525-FB-P	H14	610x1525x89	23.5	50	1500	125
HPK-14SM-610x1830-FB-P	H14	610x1830x89	28.2	50	1800	125
HPK-15SM-305x305-FB-P	U15	305x305x89	2.5	50	150	140
HPK-15SM-305x610-FB-P	U15	305x610x89	5.0	50	300	140
HPK-15SM-457x457-FB-P	U15	457x457x89	5.6	50	340	140
HPK-15SM-610x610-FB-P	U15	610x610x89	10.0	50	600	140
HPK-15SM-610x762-FB-P	U15	610x762x89	12.5	50	750	140
HPK-15SM-610x915-FB-P	U15	610x915x89	15.0	50	900	140
HPK-15SM-610x1220-FB-P	U15	610x1220x89	20.0	50	1200	140

* Other Dimensions are available on request.



HPK-15SM-610x610-FB-P		
Filter Model	Ulpa Ceiling	HPK
Filter Class	U15 (EN1822)	15
Filter Depth	89mm	SM
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Gasket type	PU	P