

AIR+PLUS

Air Conditioning Technologies





AIR+PLUS

AIRPLUS Hepa Filter & Box

HEPA FILTER BOX

Technical specification:

General Features: AIRPLUS® HEPA Filter boxes are part of hygienic ventilation systems and are generally used in clean rooms, hospitals, electronic card manufacturing facilities, water and beverage filling facilities. Hepa filter boxes, which allow air to pass through the hepa filters without leakage, are manufactured from Eregli A1 quality sheet as RAL 9016 oven painted and optionally made of stainless steel sheet. Low-elevation, high-elevation, test Groove, side or top entry, and flap models are used in the project applications. 3 Type HEPA Filter Box is produced. These;

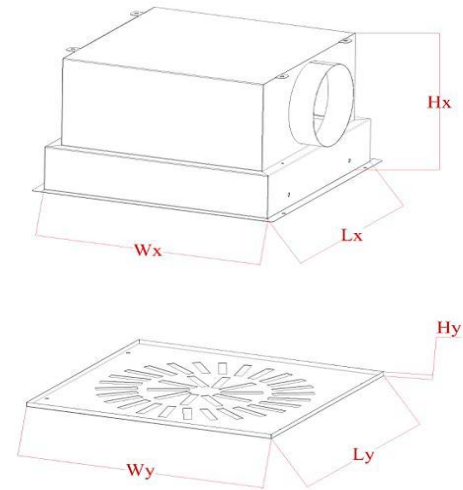
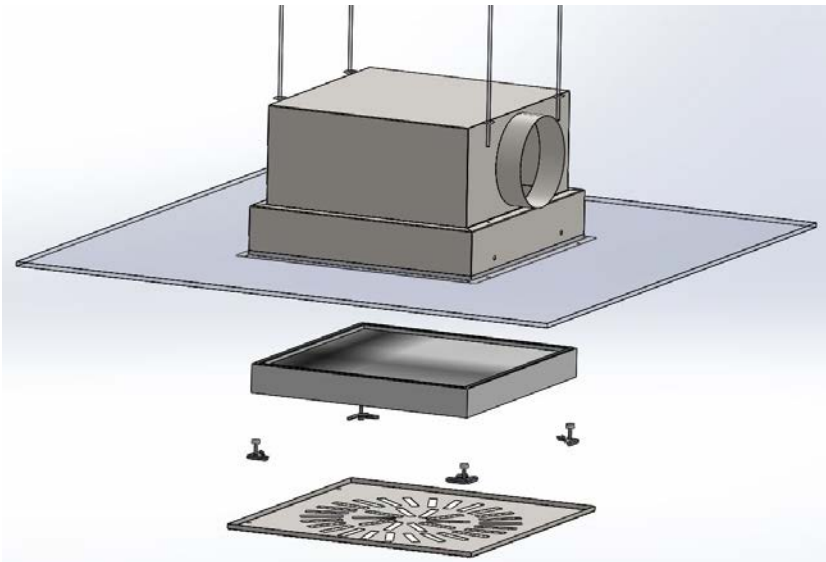


- Side Entry HEPA Filter Box
- Top Entry Filter HEPA Filter Box
- Low ceiling type HEPA filter box

Every HEPA Filter box produced is offered by our customers with 100 100% Sealing Guarantee ”

- Fully sealed TIG welded manufacturing
- A1 Quality (DKP) steel sheet (RAL 9016 Oven painted), optional 304 quality stainless steel or 316 quality stainless steel sheet
- Swirl diffuser or perforated diffuser for air distribution
- Production with low or high elevation with side or top entry for projects • Production options with and without clapper
- 100% sealing guarantee
- Manufacturing option with LED indicator to show filter clogging
- Manufacturing options with standard flat surface (suitable for HEPA filters with cast and EPDM seal), optionally with test groove (suitable for HEPA filters with EPDM and gel seal)

STANDART SIDE ENTRY HEPA FILTER BOX



Flat Surface HEPA Filter Box	Duct Rotation	Diameter (mm)	BODY SIZE			DIFFISOR SIZE		
			Wx (mm)	Lx (mm)	Hx (mm)	Wy (mm)	Ly (mm)	Hy (mm)
305x305x78	Side	Ø160	324,4	324,4	313	385	385	14
457x457x78	Side	Ø200	476,4	476,4	353	537	537	14
535x535x78	Side	Ø248	554,4	554,4	423	615	615	14
575x575x78	Side	Ø248	594,4	594,4	423	655	655	14
610x610x78	Side	Ø248	629,4	629,4	423	690	690	14

AIR FILTER TECHNOLOGY (EN1822)

HEPA/EPA/ULPA CEILING FILTER

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; K2/F2 for normal Temp.

Faceguard; Aluminium sheet (powder coated)

Max. Final Pressure Drop; 600 Pa

Gasket; EPDM flat, EPDM flat continuous and 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)	Available Frame Code for pleat	Available Frame Depth for pleat (mm)
	50	1	24,2	H13	100	AC, AS, AN, ASM, AD, AM, AF, AK, AL, AX	66, 69, 78, 89, 90, 100, 110, 117, 125, 150
			25,3	H14	125		
			26,9	U15	140		
	65	2	31,4	H13	85	AD, AM, AF, AK, AL, AX	90, 100, 110, 117, 125, 150
			32,8	H14	110		
	75	3	36,3	H13	75	AM, AF, AK, AL, AX	100, 110, 117, 125, 150
			37,9	H14	90		
	85	4	41,1	H13	70	AF, AK, AL, AX	110, 117, 125, 150
			43,0	H14	85		
	90	5	41,1	H13	70	AK, AL, AX	117, 125, 150
			43,0	H14	85		
	100	6	48,4	H13	65	AL, AX	125, 150
			50,5	H14	80		
	125	7	60,5	H13	55	AX	150
			63,2	H14	70		

* Other pleat heights are available for special applications.

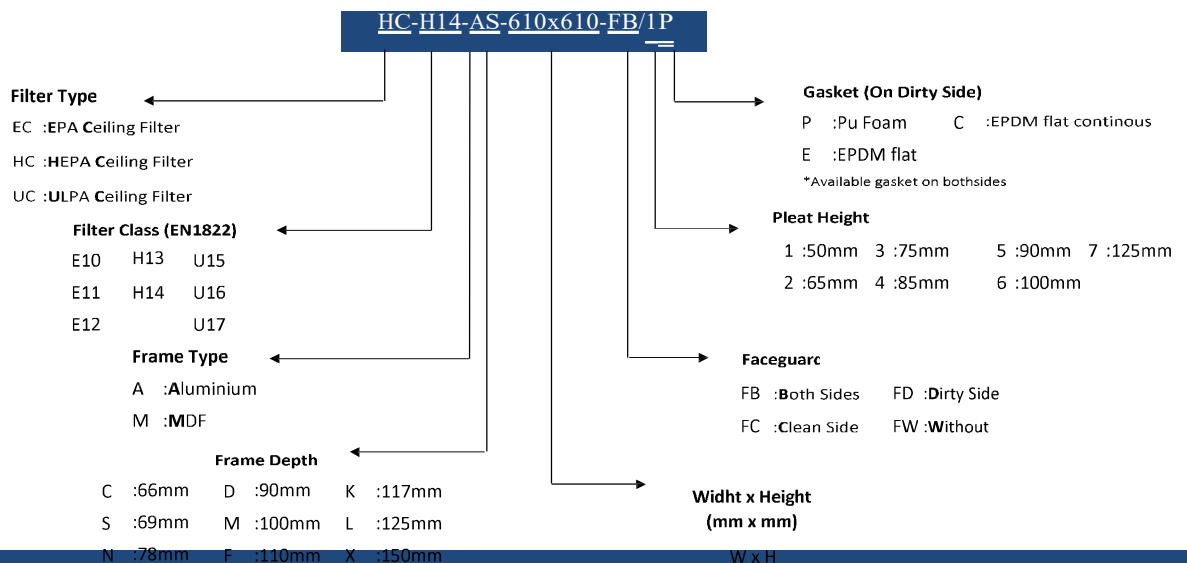
* Differential Pressure Tolerance ±10%

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.

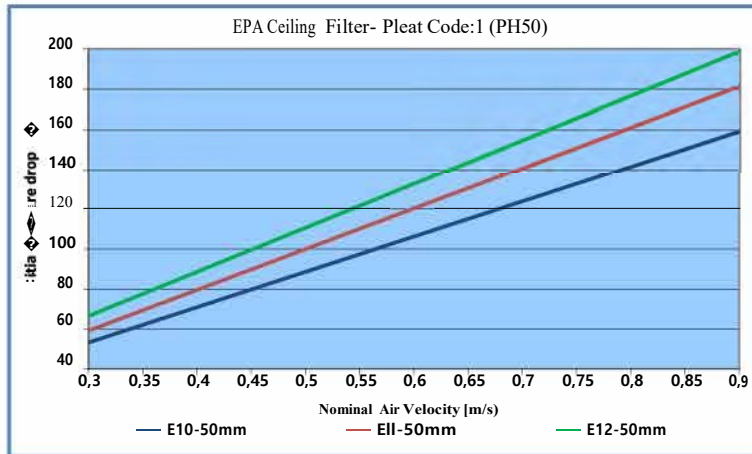
HEPA and ULPA filters are tested and certified individually according to EN1822 with the advanced technology. We would recommend the higher grades of prefilters to increase the service life of the ceiling filters.



ADVANCED FILTRATION FOR A BETTER FUTURE!

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
EC-E10-AN-305x305-FC/1P	E10	305x305x78	2,3	50	150	80
EC-E10-AN-305x610-FC/1P	E10	305x610x78	4,5	50	300	80
EC-E10-AN-457x457-FC/1P	E10	457x457x78	5,1	50	340	80
EC-E10-AN-610x610-FC/1P	E10	610x610x78	9,0	50	600	80
EC-E10-AN-610x762-FC/1P	E10	610x762x78	11,2	50	750	80
EC-E10-AN-610x915-FC/1P	E10	610x915x78	13,5	50	900	80
EC-E10-AN-610x1220-FC/1P	E10	610x1220x78	18,0	50	1200	80
EC-E11-AN-305x305-FC/1P	E11	305x305x78	2,3	50	150	90
EC-E11-AN-305x610-FC/1P	E11	305x610x78	4,5	50	300	90
EC-E11-AN-457x457-FC/1P	E11	457x457x78	5,1	50	340	90
EC-E11-AN-610x610-FC/1P	E11	610x610x78	9,0	50	600	90
EC-E11-AN-610x762-FC/1P	E11	610x762x78	11,2	50	750	90
EC-E11-AN-610x915-FC/1P	E11	610x915x78	13,5	50	900	90
EC-E11-AN-610x1220-FC/1P	E11	610x1220x78	18,0	50	1200	90
UC-E12-AN-305x305-FC/1P	E12	305x305x78	2,3	50	150	100
UC-E12-AN-305x610-FC/1P	E12	305x610x78	4,5	50	300	100
UC-E12-AN-457x457-FC/1P	E12	457x457x78	5,1	50	340	100
UC-E12-AN-610x610-FC/1P	E12	610x610x78	9,0	50	600	100
UC-E12-AN-610x762-FC/1P	E12	610x762x78	11,2	50	750	100
UC-E12-AN-610x915-FC/1P	E12	610x915x78	13,5	50	900	100
UC-E12-AN-610x1220-FC/1P	E12	610x1220x78	18,0	50	1200	100

*Other Dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

EC-E11-AN-610x610-FC/1P		
Filter Model	Epa Ceiling	EC
Filter Class	E11 (EN1822)	E11
Frame Material	Aluminium	A
Filter Depth	78mm	N
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	On Clean Side	FC
Pleat Code	PH;50mm	1
Gasket type	PU	P

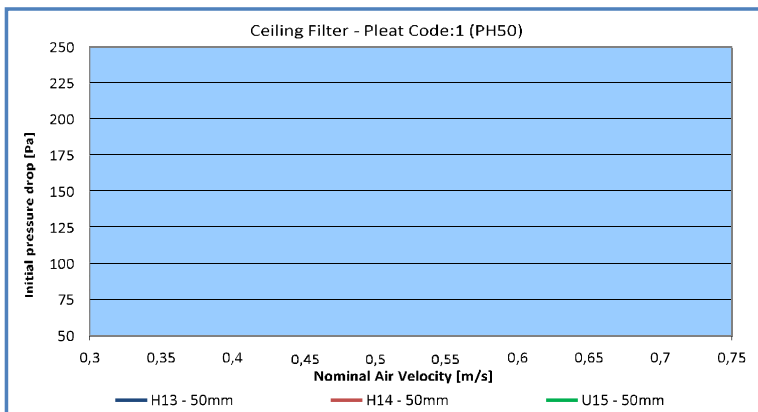
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with Aluminium Frame

(AC;66mm - 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)
HC-H13-AC-305x305-FB/1P	H13	305x305x66	2,3	50	150	100
HC-H14-AC-457x610-FB/1P	H13	305x610x66	4,5	50	300	100
HC-H14-AC-457x610-FB/1P	H13	457x457x66	5,1	50	340	100
HC-H14-AC-457x610-FB/1P	H13	457x610x66	6,7	50	450	100
HC-H14-AC-457x610-FB/1P	H13	535x535x66	6,9	50	465	100
HC-H14-AC-457x610-FB/1P	H13	575x575x66	8,0	50	535	100
HC-H14-AC-457x610-FB/1P	H13	610x610x66	9,0	50	600	100
HC-H14-AC-457x610-FB/1P	H13	610x762x66	11,2	50	750	100
HC-H14-AC-457x610-FB/1P	H13	610x915x66	13,5	50	900	100
HC-H14-AC-457x610-FB/1P	H13	762x762x66	14,0	50	940	100
HC-H14-AC-457x610-FB/1P	H13	915x915x66	20,3	50	1350	100
HC-H13-AC-610x1220-FB/1P	H13	610x1220x66	18,0	50	1200	100
HC-H13-AC-610x1525-FB/1P	H13	610x1525x66	22,5	50	1500	100
HC-H13-AC-610x1830-FB/1P	H13	610x1830x66	27,0	50	1800	100
HC-H14-AC-457x610-FB/1P	H14	305x305x66	2,4	50	150	125
HC-H14-AC-305x610-FB/1P	H14	305x610x66	4,7	50	300	125
HC-H14-AC-457x610-FB/1P	H14	457x457x66	5,3	50	340	125
HC-H14-AC-457x610-FB/1P	H14	457x610x66	7,0	50	450	125
HC-H14-AC-535x535-FB/1P	H14	535x535x66	7,2	50	465	125
HC-H14-AC-575x575-FB/1P	H14	575x575x66	8,4	50	535	125
HC-H14-AC-610x610-FB/1P	H14	610x610x66	9,4	50	600	125
HC-H14-AC-610x762-FB/1P	H14	610x762x66	11,7	50	750	125
HC-H14-AC-610x915-FB/1P	H14	610x915x66	14,1	50	900	125
HC-H14-AC-762x762-FB/1P	H14	762x762x66	14,7	50	940	125
HC-H14-AC-915x915-FB/1P	H14	915x915x66	21,2	50	1350	125
HC-H14-AC-610x1220-FB/1P	H14	610x1220x66	18,8	50	1200	125
HC-H14-AC-610x1525-FB/1P	H14	610x1525x66	23,5	50	1500	125
HC-H14-AC-610x1830-FB/1P	H14	610x1830x66	28,2	50	1800	125
UC-U15-AC-305x305-FB/1P	U15	305x305x66	2,5	50	150	140
UC-U15-AC-305x610-FB/1P	U15	305x610x66	5,0	50	300	140
UC-U15-AC-457x457-FB/1P	U15	457x457x66	5,6	50	340	140
UC-U15-AC-610x610-FB/1P	U15	610x610x66	10,0	50	600	140
UC-U15-AC-610x762-FB/1P	U15	610x762x66	12,5	50	750	140
UC-U15-AC-610x915-FB/1P	U15	610x915x66	15,0	50	900	140
UC-U15-AC-610x1220-FB/1P	U15	610x1220x66	20,0	50	1200	140

* Other Dimensions are available on request.



UC-U15-AC-610x610-FB/1P		
Filter Model	Ulpa Ceiling	UC
Filter Class	U15 (EN1822)	U15
Frame Material	Aluminium	A
Filter Depth	66mm	C
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;50mm	1
Gasket type	PU	P

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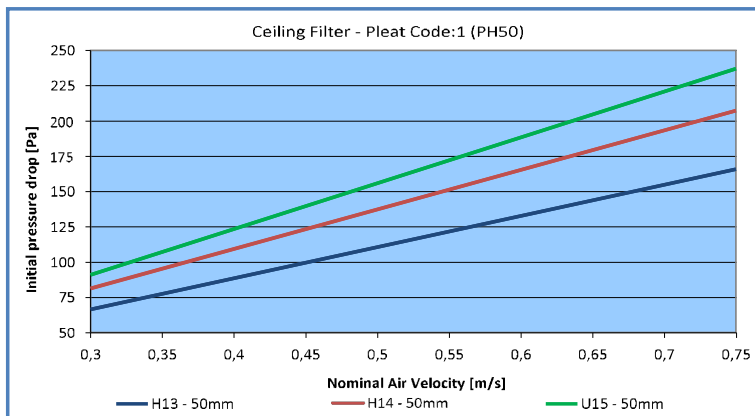
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with Aluminium Frame

(AS;69mm - 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)
HC-H13-AS-305x305-FB/1P	H13	305x305x69	2,3	50	150	100
HC-H14-AS-305x610-FB/1P	H13	305x610x69	4,5	50	300	100
HC-H14-AS-305x610-FB/1P	H13	457x457x69	5,1	50	340	100
HC-H14-AS-305x610-FB/1P	H13	457x610x69	6,7	50	450	100
HC-H14-AS-305x610-FB/1P	H13	535x535x69	6,9	50	465	100
HC-H14-AS-305x610-FB/1P	H13	575x575x69	8,0	50	535	100
HC-H14-AS-305x610-FB/1P	H13	610x610x69	9,0	50	600	100
HC-H14-AS-305x610-FB/1P	H13	610x762x69	11,2	50	745	100
HC-H14-AS-305x610-FB/1P	H13	610x915x69	13,5	50	900	100
HC-H14-AS-305x610-FB/1P	H13	762x762x69	14,0	50	940	100
HC-H14-AS-305x610-FB/1P	H13	915x915x69	20,3	50	1350	100
HC-H13-AS-610x1220-FB/1P	H13	610x1220x69	18,0	50	1200	100
HC-H13-AS-610x1525-FB/1P	H13	610x1525x69	22,5	50	1500	100
HC-H13-AS-610x1830-FB/1P	H13	610x1830x69	27,0	50	1800	100
HC-H14-AS-305x610-FB/1P	H14	610x915x69	2,4	50	150	125
HC-H14-AS-305x610-FB/1P	H14	305x610x69	4,7	50	300	125
HC-H14-AS-305x610-FB/1P	H14	457x457x69	5,3	50	340	125
HC-H14-AS-457x610-FB/1P	H14	457x610x69	7,0	50	450	125
HC-H14-AS-535x535-FB/1P	H14	535x535x69	7,2	50	465	125
HC-H14-AS-575x575-FB/1P	H14	575x575x69	8,4	50	535	125
HC-H14-AS-610x610-FB/1P	H14	610x610x69	9,4	50	600	125
HC-H14-AS-610x762-FB/1P	H14	610x762x69	11,7	50	745	125
HC-H14-AS-610x915-FB/1P	H14	610x915x69	14,1	50	900	125
HC-H14-AS-762x762-FB/1P	H14	762x762x69	14,7	50	940	125
HC-H14-AS-915x915-FB/1P	H14	915x915x69	21,2	50	1350	125
HC-H14-AS-610x1220-FB/1P	H14	610x1220x69	18,8	50	1200	125
HC-H14-AS-610x1525-FB/1P	H14	610x1525x69	23,5	50	1500	125
HC-H14-AS-610x1830-FB/1P	H14	610x1830x69	28,2	50	1800	125
UC-U15-AS-305x305-FB/1P	U15	610x610x69	2,5	50	150	140
UC-U15-AS-305x610-FB/1P	U15	305x610x69	5,0	50	300	140
UC-U15-AS-457x457-FB/1P	U15	457x457x69	5,6	50	340	140
UC-U15-AS-610x610-FB/1P	U15	610x610x69	10,0	50	600	140
UC-U15-AS-610x762-FB/1P	U15	610x762x69	12,5	50	750	140
UC-U15-AS-610x915-FB/1P	U15	610x915x69	15,0	50	900	140
UC-U15-AS-610x1220-FB/1P	U15	610x1220x69	20,0	50	1200	140

* Other Dimensions are available on request.



HC-H14-AS-610x610-FB/1P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	69mm	S
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;50mm	1
Gasket type	PU	P

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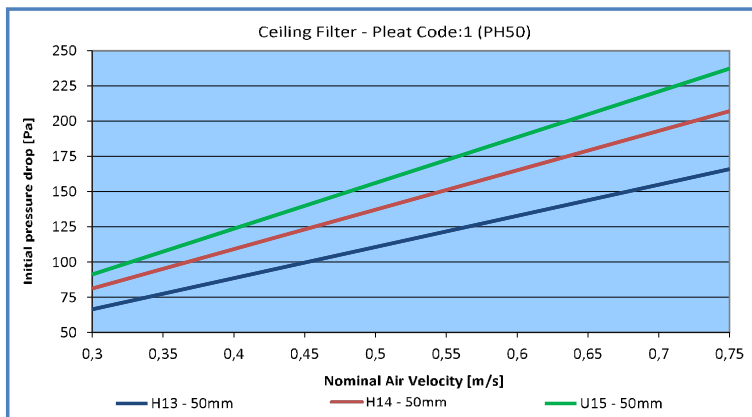
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with Aluminium Frame

(AN;78mm - 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)
HC-H13-AN-305x305-FC/1P	H13	305x305x78	2,3	50	150	100
HC-H13-AN-305x610-FC/1P	H13	305x610x78	4,5	50	300	100
HC-H13-AN-457x457-FC/1P	H13	457x457x78	5,1	50	340	100
HC-H13-AN-457x610-FC/1P	H13	457x610x78	6,7	50	450	100
HC-H13-AN-535x535-FC/1P	H13	535x535x78	6,9	50	465	100
HC-H13-AN-575x575-FC/1P	H13	575x575x78	8,0	50	535	100
HC-H13-AN-610x610-FC/1P	H13	610x610x78	9,0	50	600	100
HC-H13-AN-610x762-FC/1P	H13	610x762x78	11,2	50	750	100
HC-H13-AN-610x915-FC/1P	H13	610x915x78	13,5	50	900	100
HC-H13-AN-762x762-FC/1P	H13	762x762x78	14,0	50	940	100
HC-H13-AN-915x915-FC/1P	H13	915x915x78	20,3	50	1350	100
HC-H13-AN-610x1220-FC/1P	H13	610x1220x78	18,0	50	1200	100
HC-H13-AN-610x1525-FC/1P	H13	610x1525x78	22,5	50	1500	100
HC-H13-AN-610x1830-FC/1P	H13	610x1830x78	27,0	50	1800	100
HC-H14-AN-305x305-FC/1P	H14	305x305x78	2,4	50	150	125
HC-H14-AN-305x610-FC/1P	H14	305x610x78	4,7	50	300	125
HC-H14-AN-457x457-FC/1P	H14	457x457x78	5,3	50	340	125
HC-H14-AN-457x610-FC/1P	H14	457x610x78	7,0	50	450	125
HC-H14-AN-535x535-FC/1P	H14	535x535x78	7,2	50	465	125
HC-H14-AN-575x575-FC/1P	H14	575x575x78	8,4	50	535	125
HC-H14-AN-610x610-FC/1P	H14	610x610x78	9,4	50	600	125
HC-H14-AN-610x762-FC/1P	H14	610x762x78	11,7	50	750	125
HC-H14-AN-610x915-FC/1P	H14	610x915x78	14,1	50	900	125
HC-H14-AN-762x762-FC/1P	H14	762x762x78	14,7	50	940	125
HC-H14-AN-915x915-FC/1P	H14	915x915x78	21,2	50	1350	125
HC-H14-AN-610x1220-FC/1P	H14	610x1220x78	18,8	50	1200	125
HC-H14-AN-610x1525-FC/1P	H14	610x1525x78	23,5	50	1500	125
HC-H14-AN-610x1830-FC/1P	H14	610x1830x78	28,2	50	1800	125
UC-U15-AN-305x305-FC/1P	U15	305x305x78	2,5	50	150	140
UC-U15-AN-305x610-FC/1P	U15	305x610x78	5,0	50	300	140
UC-U15-AN-457x457-FC/1P	U15	457x457x78	5,6	50	340	140
UC-U15-AN-610x610-FC/1P	U15	610x610x78	10,0	50	600	140
UC-U15-AN-610x762-FC/1P	U15	610x762x78	12,5	50	750	140
UC-U15-AN-610x915-FC/1P	U15	610x915x78	15,0	50	900	140
UC-U15-AN-610x1220-FC/1P	U15	610x1220x78	20,0	50	1200	140

* Other Dimensions are available on request.



HC-H14-AN-610x610-FC/1P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	78mm	N
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	On Clean Side	FC
Pleat Code	PH;50mm	1
Gasket type	PU	P

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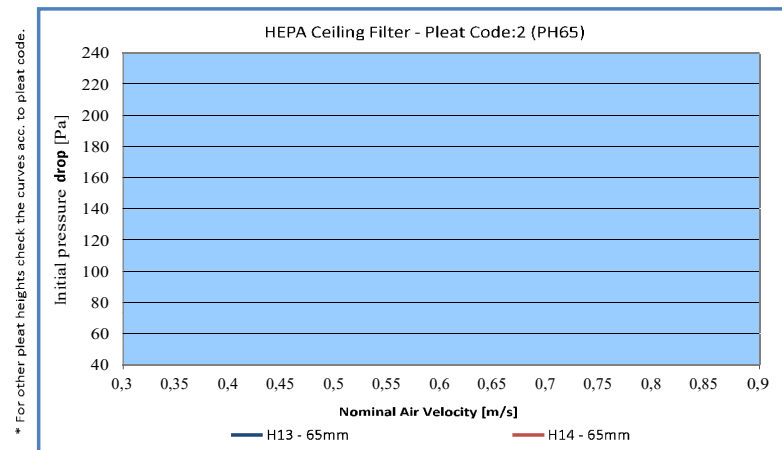
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with Aluminium Frame

(AN;78mm - PH;50mm)

HC-H13-AD-305x305-FC/1P	H13	305x305x90	2,3	50	150	100
HC-H13-AD-305x610-FC/1P	H13	305x610x90	4,5	50	300	100
HC-H13-AD-457x457-FC/1P	H13	457x457x90	5,1	50	340	100
HC-H13-AD-610x610-FC/1P	H13	610x610x90	9,0	50	600	100
HC-H13-AD-610x762-FC/1P	H13	610x762x90	11,2	50	750	100
HC-H13-AD-610x915-FC/1P	H13	610x915x90	13,5	50	900	100
HC-H13-AD-610x1220-FC/1P	H13	610x1220x90	18,0	50	1200	100
HC-H14-AD-305x305-FC/1P	H14	305x305x90	2,4	50	150	125
HC-H14-AD-305x610-FC/1P	H14	305x610x90	4,7	50	300	125
HC-H14-AD-457x457-FC/1P	H14	457x457x90	5,3	50	340	125
HC-H14-AD-610x610-FC/1P	H14	610x610x90	9,4	50	600	125
HC-H14-AD-610x762-FC/1P	H14	305x305x90	11,7	50	750	125
HC-H14-AD-610x915-FC/1P	H14	305x305x90	14,1	50	900	125
HC-H14-AD-610x1220-FC/1P	H14	610x1220x90	18,8	50	1200	125
HC-H13-AD-305x305-FB/2P	H13	305x305x90	2,9	65	150	85
HC-H13-AD-305x610-FB/2P	H13	305x610x90	5,9	65	300	85
HC-H13-AD-457x457-FB/2P	H13	457x457x90	6,6	65	340	85
HC-H13-AD-610x610-FB/2P	H13	610x610x90	11,7	65	600	85
HC-H13-AD-610x762-FB/2P	H13	610x762x90	14,6	65	750	85
HC-H13-AD-610x915-FB/2P	H13	610x915x90	17,6	65	900	85
HC-H13-AD-610x1220-FB/2P	H13	610x1220x90	23,4	65	1200	85
HC-H14-AD-305x305-FB/2P	H14	305x305x90	3,1	65	150	110
HC-H14-AD-305x610-FB/2P	H14	305x610x90	6,1	65	300	110
HC-H14-AD-457x457-FB/2P	H14	457x457x90	6,9	65	340	110
HC-H14-AD-610x610-FB/2P	H14	610x610x90	12,2	65	600	110
HC-H14-AD-610x762-FB/2P	H14	610x762x90	15,3	65	750	110
HC-H14-AD-610x915-FB/2P	H14	610x915x90	18,3	65	900	110
HC-H14-AD-610x1220-FB/2P	H14	610x1220x90	24,4	65	1200	110

* Other Dimensions are available on request.



HC-H14-AD-610x610-FB/2P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	90mm	D
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;65mm	2
Gasket type	PU	P

ADVANCED FILTRATION FOR A BETTER FUTURE!

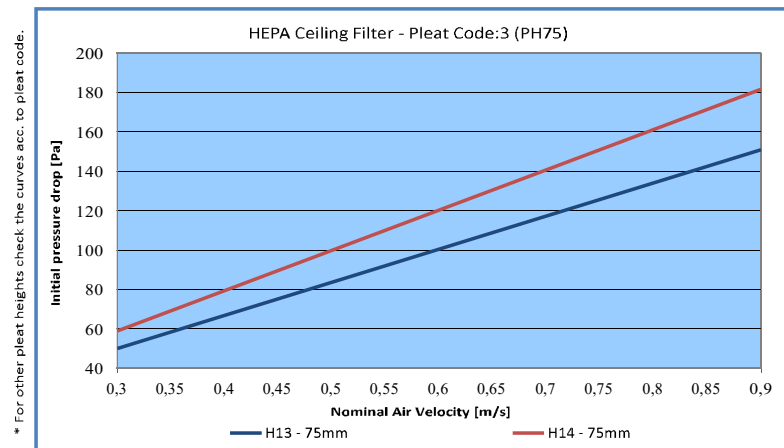
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with Aluminium Frame

(AM;100mm - PH; 50mm & 75mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H13-AM-305x305-FC/1P	H13	305x610x100	2,3	50	150	100
HC-H13-AM-305x610-FC/1P	H13	305x610x100	4,5	50	300	100
HC-H13-AM-610x915-FC/1P	H13	457x457x100	5,1	50	340	100
HC-H13-AM-610x610-FC/1P	H13	305x610x100	9,0	50	600	100
HC-H13-AM-610x762-FC/1P	H13	610x762x100	11,2	50	750	100
HC-H13-AM-610x915-FC/1P	H13	305x610x100	13,5	50	900	100
HC-H13-AM-610x1220-FC/1P	H13	610x1220x100	18,0	50	1200	100
HC-H14-AM-305x305-FC/1P	H14	305x305x100	2,4	50	150	125
HC-H14-AM-305x610-FC/1P	H14	305x610x100	4,7	50	300	125
HC-H14-AM-457x457-FC/1P	H14	457x457x100	5,3	50	340	125
HC-H14-AM-610x610-FC/1P	H14	610x610x100	9,4	50	600	125
HC-H14-AM-610x762-FC/1P	H14	610x762x100	11,7	50	750	125
HC-H14-AM-610x915-FC/1P	H14	610x915x100	14,1	50	900	125
HC-H14-AM-610x1220-FC/1P	H14	610x1220x100	18,8	50	1200	125
HC-H13-AM-305x305-FB/3P	H13	305x305x100	3,4	75	150	75
HC-H13-AM-305x610-FB/3P	H13	305x610x100	6,8	75	300	75
HC-H13-AM-457x457-FB/3P	H13	457x457x100	7,6	75	340	75
HC-H13-AM-610x610-FB/3P	H13	610x610x100	13,5	75	600	75
HC-H13-AM-610x762-FB/3P	H13	610x762x100	16,9	75	750	75
HC-H13-AM-610x915-FB/3P	H13	610x915x100	20,3	75	900	75
HC-H13-AM-610x1220-FB/3P	H13	610x1220x100	27,0	75	1200	75
HC-H14-AM-305x305-FB/3P	H14	305x305x100	3,5	75	150	90
HC-H14-AM-305x610-FB/3P	H14	305x610x100	7,1	75	300	90
HC-H14-AM-457x457-FB/3P	H14	457x457x100	7,9	75	340	90
HC-H14-AM-610x610-FB/3P	H14	610x610x100	14,1	75	600	90
HC-H14-AM-610x762-FB/3P	H14	610x762x100	17,6	75	750	90
HC-H14-AM-610x915-FB/3P	H14	610x915x100	21,2	75	900	90
HC-H14-AM-610x1220-FB/3P	H14	610x1220x100	28,2	75	1200	90

* Other Dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H14-AM-610x610-FB/3P

Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	100mm	M
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;75mm	3
Gasket type	PU	P

ADVANCED FILTRATION FOR A BETTER FUTURE!

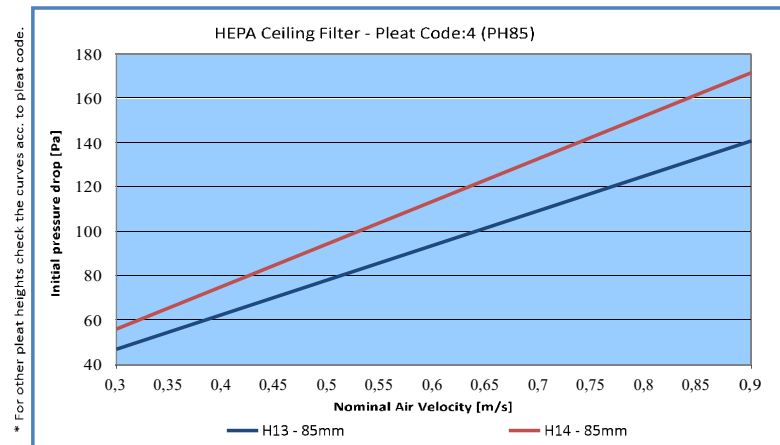
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with Aluminium Frame

(AF;110mm - PH; 50mm & 85mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H13-AF-305x305-FC/1P	H13	305x305x110	2,3	50	150	100
HC-H13-AF-610x762-FC/1P	H13	305x610x110	4,5	50	300	100
HC-H13-AF-610x762-FC/1P	H13	457x457x110	5,1	50	340	100
HC-H13-AF-610x762-FC/1P	H13	610x610x110	9,0	50	600	100
HC-H13-AF-610x762-FC/1P	H13	610x762x110	11,2	50	750	100
HC-H13-AF-610x915-FC/1P	H13	610x915x110	13,5	50	900	100
HC-H13-AF-610x1220-FC/1P	H13	610x1220x110	18,0	50	1200	100
HC-H14-AF-305x305-FC/1P	H14	305x305x110	2,4	50	150	125
HC-H14-AF-305x610-FC/1P	H14	305x610x110	4,7	50	300	125
HC-H14-AF-457x457-FC/1P	H14	457x457x110	5,3	50	340	125
HC-H14-AF-610x610-FC/1P	H14	610x610x110	9,4	50	600	125
HC-H14-AF-610x762-FC/1P	H14	610x762x110	11,7	50	750	125
HC-H14-AF-610x915-FC/1P	H14	610x915x110	14,1	50	900	125
HC-H14-AF-610x1220-FC/1P	H14	610x1220x110	18,8	50	1200	125
HC-H13-AF-305x305-FB/4P	H13	305x305x110	3,8	85	150	70
HC-H13-AF-305x610-FB/4P	H13	305x610x110	7,7	85	300	70
HC-H13-AF-457x457-FB/4P	H13	457x457x110	8,6	85	340	70
HC-H13-AF-610x610-FB/4P	H13	610x610x110	15,3	85	600	70
HC-H13-AF-610x762-FB/4P	H13	610x762x110	19,1	85	750	70
HC-H13-AF-610x915-FB/4P	H13	610x915x110	23,0	85	900	70
HC-H13-AF-610x1220-FB/4P	H13	610x1220x110	30,6	85	1200	70
HC-H14-AF-305x305-FB/4P	H14	305x305x110	4,0	85	150	85
HC-H14-AF-305x610-FB/4P	H14	305x610x110	8,0	85	300	85
HC-H14-AF-457x457-FB/4P	H14	457x457x110	9,0	85	340	85
HC-H14-AF-610x610-FB/4P	H14	610x610x110	16,0	85	600	85
HC-H14-AF-610x762-FB/4P	H14	610x762x110	20,0	85	750	85
HC-H14-AF-610x915-FB/4P	H14	610x915x110	24,0	85	900	85
HC-H14-AF-610x1220-FB/4P	H14	610x1220x110	32,0	85	1200	85

* Other Dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H14-AF-610x610-FB/4P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	110mm	M
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;85mm	3
Gasket type	PU	P

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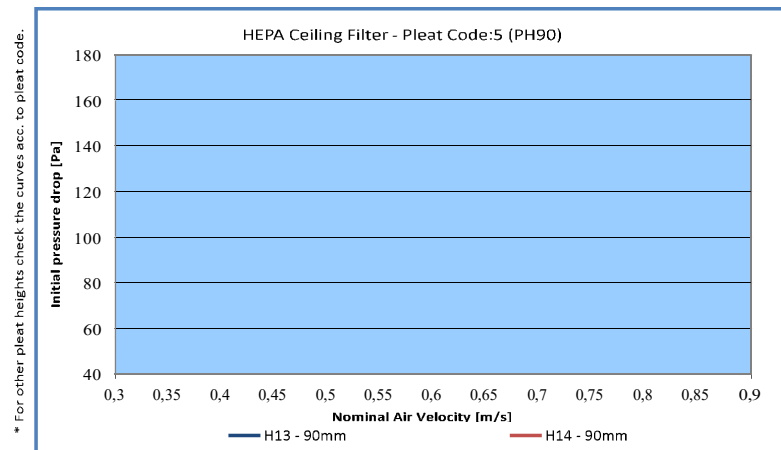
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with Aluminium Frame

(AK;117mm - PH; 50mm & 90mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H14-AK-610x610-FC/1P	H13	305x305x117	2,3	50	150	100
HC-H14-AK-610x610-FC/1P	H13	305x610x117	4,5	50	300	100
HC-H14-AK-610x610-FC/1P	H13	457x457x117	5,1	50	340	100
HC-H14-AK-610x610-FC/1P	H13	610x610x117	9,0	50	600	100
HC-H14-AK-610x610-FC/1P	H13	610x762x117	11,2	50	750	100
HC-H14-AK-610x610-FC/1P	H13	610x915x117	13,5	50	900	100
HC-H13-AK-610x1220-FC/1P	H13	610x1220x117	18,0	50	1200	100
HC-H14-AK-610x610-FC/1P	H14	305x305x117	2,4	50	150	125
HC-H14-AK-610x610-FC/1P	H14	305x610x117	4,7	50	300	125
HC-H14-AK-610x610-FC/1P	H14	457x457x117	5,3	50	340	125
HC-H14-AK-610x610-FC/1P	H14	610x610x117	9,4	50	600	125
HC-H14-AK-610x762-FC/1P	H14	610x762x117	11,7	50	750	125
HC-H14-AK-610x915-FC/1P	H14	610x915x117	14,1	50	900	125
HC-H14-AK-610x1220-FC/1P	H14	610x1220x117	18,8	50	1200	125
HC-H13-AK-305x305-FB/5P	H13	305x305x117	3,8	90	150	70
HC-H13-AK-305x610-FB/5P	H13	305x610x117	7,7	90	300	70
HC-H13-AK-457x457-FB/5P	H13	457x457x117	8,6	90	340	70
HC-H13-AK-610x610-FB/5P	H13	610x610x117	15,3	90	600	70
HC-H13-AK-610x762-FB/5P	H13	610x762x117	19,1	90	750	70
HC-H13-AK-610x915-FB/5P	H13	610x915x117	23,0	90	900	70
HC-H13-AK-610x1220-FB/5P	H13	610x1220x117	30,6	90	1200	70
HC-H14-AK-305x305-FB/5P	H14	305x305x117	4,0	90	150	85
HC-H14-AK-305x610-FB/5P	H14	305x610x117	8,0	90	300	85
HC-H14-AK-457x457-FB/5P	H14	457x457x117	9,0	90	340	85
HC-H14-AK-610x610-FB/5P	H14	610x610x117	16,0	90	600	85
HC-H14-AK-610x762-FB/5P	H14	610x762x117	20,0	90	750	85
HC-H14-AK-610x915-FB/5P	H14	610x915x117	24,0	90	900	85
HC-H14-AK-610x1220-FB/5P	H14	610x1220x117	32,0	90	1200	85

* Other Dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H14-AK-610x610-FB/5P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	117mm	K
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;90mm	5
Gasket type	PU	P

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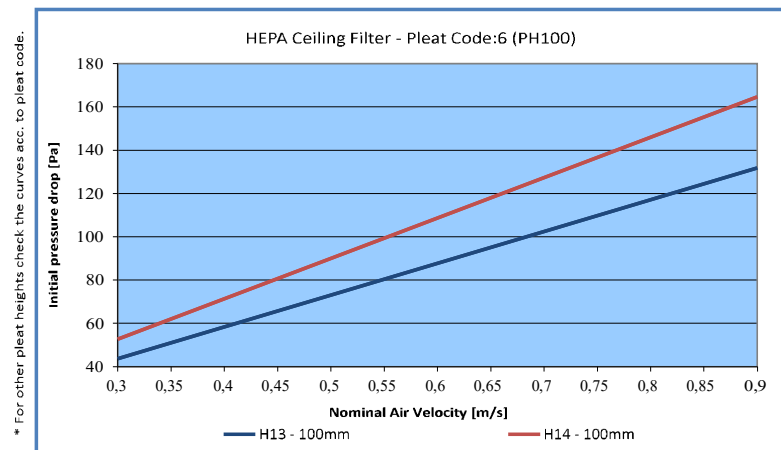
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with Aluminium Frame

(AL;125mm - PH; 50mm & 100mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H13-AL-305x305-FC/1P	H13	305x305x125	2,3	50	150	100
HC-H13-AL-305x610-FC/1P	H13	305x610x125	4,5	50	300	100
HC-H13-AL-457x457-FC/1P	H13	457x457x125	5,1	50	340	100
HC-H13-AL-610x610-FC/1P	H13	610x610x125	9,0	50	600	100
HC-H13-AL-610x762-FC/1P	H13	610x762x125	11,2	50	750	100
HC-H13-AL-610x915-FC/1P	H13	610x915x125	13,5	50	900	100
HC-H14-AL-610x1220-FC/1P	H13	610x1220x125	18,0	50	1200	100
HC-H14-AL-305x305-FC/1P	H14	305x305x125	2,4	50	150	125
HC-H14-AL-305x610-FC/1P	H14	305x610x125	4,7	50	300	125
HC-H14-AL-457x457-FC/1P	H14	457x457x125	5,3	50	340	125
HC-H14-AL-610x610-FC/1P	H14	610x610x125	9,4	50	600	125
HC-H14-AL-610x762-FC/1P	H14	610x762x125	11,7	50	750	125
HC-H14-AL-610x915-FC/1P	H14	610x915x125	14,1	50	900	125
HC-H14-AL-610x1220-FC/1P	H14	610x1220x125	18,8	50	1200	125
HC-H13-AL-305x305-FB/6P	H13	305x305x125	4,5	100	150	65
HC-H13-AL-305x610-FB/6P	H13	305x610x125	9,0	100	300	65
HC-H13-AL-457x457-FB/6P	H13	457x457x125	10,1	100	340	65
HC-H13-AL-610x610-FB/6P	H13	610x610x125	18,0	100	600	65
HC-H13-AL-610x762-FB/6P	H13	610x762x125	22,5	100	750	65
HC-H13-AL-610x915-FB/6P	H13	610x915x125	27,0	100	900	65
HC-H13-AL-610x1220-FB/6P	H13	610x1220x125	36,0	100	1200	65
HC-H14-AL-305x305-FB/6P	H14	305x305x125	4,7	100	150	80
HC-H14-AL-305x610-FB/6P	H14	305x610x125	9,4	100	300	80
HC-H14-AL-457x457-FB/6P	H14	457x457x125	10,6	100	340	80
HC-H14-AL-610x610-FB/6P	H14	610x610x125	18,8	100	600	80
HC-H14-AL-610x762-FB/6P	H14	610x762x125	23,5	100	750	80
HC-H14-AL-610x915-FB/6P	H14	610x915x125	28,2	100	900	80
HC-H14-AL-610x1220-FB/6P	H14	610x1220x125	37,6	100	1200	80

* Other Dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H14-AL-610x610-FB/6P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	125mm	L
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;100mm	6
Gasket type	PU	P

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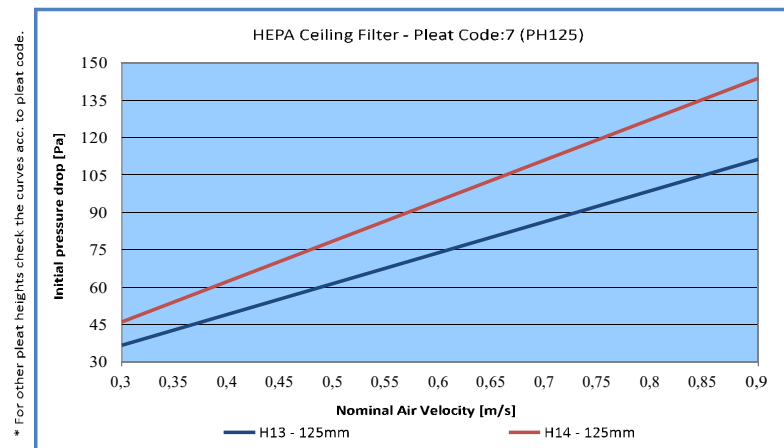
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with Aluminium Frame

(AL;125mm - PH; 50mm & 100mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H13-AL-305x305-FC/1P	H13	305x305x125	2,3	50	150	100
HC-H13-AL-305x610-FC/1P	H13	305x610x125	4,5	50	300	100
HC-H13-AL-457x457-FC/1P	H13	457x457x125	5,1	50	340	100
HC-H13-AL-610x610-FC/1P	H13	610x610x125	9,0	50	600	100
HC-H13-AL-610x762-FC/1P	H13	610x762x125	11,2	50	750	100
HC-H13-AL-610x915-FC/1P	H13	610x915x125	13,5	50	900	100
HC-H14-AL-610x1220-FC/1P	H13	610x1220x125	18,0	50	1200	100
HC-H14-AK-610x610-FC/1P	H14	305x305x150	2,4	50	150	125
HC-H14-AK-610x610-FC/1P	H14	305x610x150	4,7	50	300	125
HC-H14-AK-610x610-FC/1P	H14	457x457x150	5,3	50	340	125
HC-H14-AK-610x610-FC/1P	H14	610x610x150	9,4	50	600	125
HC-H14-AK-610x610-FC/1P	H14	610x762x150	11,7	50	750	125
HC-H14-AK-610x610-FC/1P	H14	610x915x150	14,1	50	900	125
HC-H14-AX-610x1220-FC/1P	H14	610x1220x150	18,8	50	1200	125
HC-H14-AK-610x610-FC/1P	H13	305x305x150	5,6	125	150	55
HC-H14-AK-610x610-FC/1P	H13	305x610x150	11,3	125	300	55
HC-H14-AK-610x610-FC/1P	H13	457x457x150	12,6	125	340	55
HC-H14-AK-610x610-FC/1P	H13	610x610x150	22,5	125	600	55
HC-H14-AK-610x610-FC/1P	H13	610x762x150	28,1	125	750	55
HC-H14-AK-610x610-FC/1P	H13	610x915x150	33,8	125	900	55
HC-H13-AX-610x1220-FB/7P	H13	610x1220x150	45,0	125	1200	55
HC-H14-AK-610x610-FC/1P	H14	305x305x150	5,9	125	150	70
HC-H14-AK-610x610-FC/1P	H14	305x610x150	11,8	125	300	70
HC-H14-AK-610x610-FC/1P	H14	457x457x150	13,2	125	340	70
HC-H14-AK-610x610-FC/1P	H14	610x610x150	23,5	125	600	70
HC-H14-AK-610x610-FC/1P	H14	610x762x150	29,4	125	750	70
HC-H14-AX-610x915-FB/7P	H14	610x915x150	35,3	125	900	70
HC-H14-AX-610x1220-FB/7P	H14	610x1220x150	47,0	125	1200	70

* Other Dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H14-AX-610x610-FB/7P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	150mm	X
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;125mm	7
Gasket type	PU	P

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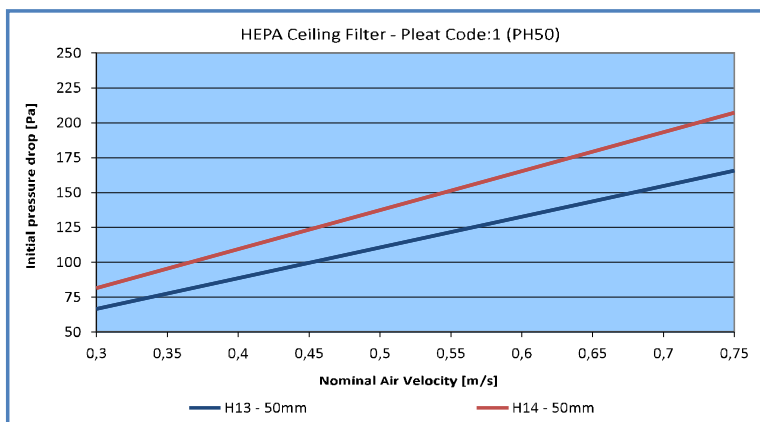
AIR FILTER TECHNOLOGY (EN1822)

HEPA/ULPA CEILING FILTER with MDF Frame

(MN;78mm - 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)
HC-H13-MN-305x305-FW/1P	H13	305x305x78	2,3	50	150	100
HC-H13-MN-915x915-FW/1P	H13	305x610x78	4,5	50	300	100
HC-H13-MN-915x915-FW/1P	H13	457x457x78	5,1	50	340	100
HC-H13-MN-915x915-FW/1P	H13	457x610x78	6,7	50	450	100
HC-H13-MN-535x535-FW/1P	H13	305x305x90	6,9	50	465	100
HC-H13-MN-915x915-FW/1P	H13	575x575x78	8,0	50	535	100
HC-H13-MN-915x915-FW/1P	H13	610x610x78	9,0	50	600	100
HC-H13-MN-915x915-FW/1P	H13	610x762x78	11,2	50	750	100
HC-H13-MN-915x915-FW/1P	H13	610x915x78	13,5	50	900	100
HC-H13-MN-762x762-FW/1P	H13	762x762x78	14,0	50	940	100
HC-H13-MN-915x915-FW/1P	H13	915x915x78	20,3	50	1350	100
HC-H13-MN-610x1220-FW/1P	H13	610x1220x78	18,0	50	1200	100
HC-H13-MN-610x1525-FW/1P	H13	610x1525x78	22,5	50	1500	100
HC-H13-MN-610x1830-FW/1P	H13	610x1830x78	27,0	50	1800	100
HC-H14-MN-305x305-FW/1P	H14	305x305x78	2,4	50	150	125
HC-H14-MN-305x610-FW/1P	H14	305x610x78	4,7	50	300	125
HC-H14-MN-457x457-FW/1P	H14	457x457x78	5,3	50	340	125
HC-H14-MN-457x610-FW/1P	H14	457x610x78	7,0	50	450	125
HC-H14-MN-535x535-FW/1P	H14	535x535x78	7,2	50	465	125
HC-H14-MN-575x575-FW/1P	H14	575x575x78	8,4	50	535	125
HC-H14-MN-610x610-FW/1P	H14	610x610x78	9,4	50	600	125
HC-H14-MN-610x762-FW/1P	H14	610x762x78	11,7	50	750	125
HC-H14-MN-610x915-FW/1P	H14	610x915x78	14,1	50	900	125
HC-H14-MN-762x762-FW/1P	H14	762x762x78	14,7	50	940	125
HC-H14-MN-915x915-FW/1P	H14	915x915x78	21,2	50	1350	125
HC-H14-MN-610x1220-FW/1P	H14	610x1220x78	18,8	50	1200	125
HC-H14-MN-610x1525-FW/1P	H14	610x1525x78	23,5	50	1500	125
HC-H14-MN-610x1830-FW/1P	H14	610x1830x78	28,2	50	1800	125

* Other Dimensions are available on request.



HC-H13-MN-610x610-FW/1P		
Filter Model	Hepa Ceiling	HC
Filter Class	H13 (EN1822)	H13
Frame Material	MDF	M
Filter Depth	78mm	N
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Without	FW
Pleat Code	PH;50mm	1
Gasket type	PU	P

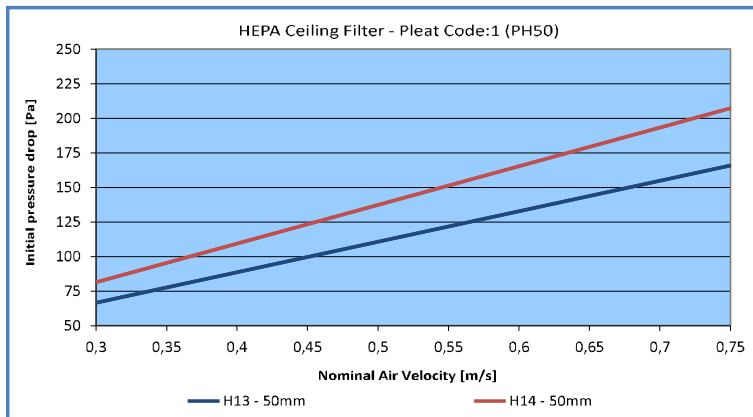
AIR FILTER TECHNOLOGY (EN1822)

HEPA CEILING FILTER with MDF Frame

(MX;150mm - PH;125mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
	H13	575x575x150	8,0	50		
HC-H14-MX-610x762-FW/1P	H13	457x457x150	5,1	50	340	100
HC-H14-MX-610x762-FW/1P	H13	305x610x100	11,2	50		
HC-H14-MX-610x762-FW/1P	H13	457x610x150	6,7	50	450	100
HC-H14-MX-610x762-FW/1P	H13	535x535x150	6,9	50	465	100
HC-H14-MX-610x762-FW/1P	H13	762x762x150	14,0	50	940	100
HC-H14-MX-610x762-FW/1P					535	100
HC-H14-MX-610x762-FW/1P	H13	610x610x150	9,0	50	600	100
HC-H14-MX-610x762-FW/1P	H13	610x1220x150	18,0	50	1200	100
HC-H14-MX-610x762-FW/1P					750	100
HC-H14-MX-610x762-FW/1P	H13	305x610x100	13,5	50	900	100
HC-H14-MX-610x762-FW/1P	H13	610x1830x150	27,0	50	1800	100
HC-H14-MX-610x762-FW/1P						100
HC-H14-MX-610x762-FW/1P	H13	915x915x150	20,3	50	1350	100
HC-H13-MX-610x1220-FW/1P	H14	305x610x150	4,7	50	300	100
HC-H14-MX-610x762-FW/1P	H14	457x457x150	5,3	50	340	125
HC-H13-MX-610x610-FW/1P	H14	457x610x150	7,0	50	450	100
HC-H14-MX-610x762-FW/1P	H14	535x535x150	7,2	50	465	125
HC-H14-MX-610x762-FW/1P	H14	575x575x150	8,4	50	535	125
HC-H14-MX-610x762-FW/1P						125
HC-H14-MX-610x762-FW/1P	H14	610x610x150	9,4	50	600	125
HC-H14-MX-610x762-FW/1P	H14	610x762x150	11,7	50	750	125
HC-H14-MX-610x762-FW/1P						125
HC-H14-MX-610x915-FW/1P	H14	610x915x150	14,1	50	900	125
HC-H14-MX-762x762-FW/1P	H14	762x762x150	14,7	50	940	125
HC-H14-MX-915x915-FW/1P	H14	915x915x150	21,2	50	1350	125
HC-H14-MX-610x1220-FW/1P	H14	610x1220x150	18,8	50	1200	125
HC-H14-MX-610x1525-FW/1P	H14	610x1525x150	23,5	50	1500	125
HC-H14-MX-610x1830-FW/1P	H14	610x1830x150	28,2	50	1800	125

* Other Dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H13-MX-610x610-FW/1P		
Filter Model	Hepa Ceiling	HC
Filter Class	H13 (EN1822)	H13
Frame Material	MDF	M
Filter Depth	150mm	X
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Without	FW
Pleat Code	PH;50mm	1
Gasket type	PU	P

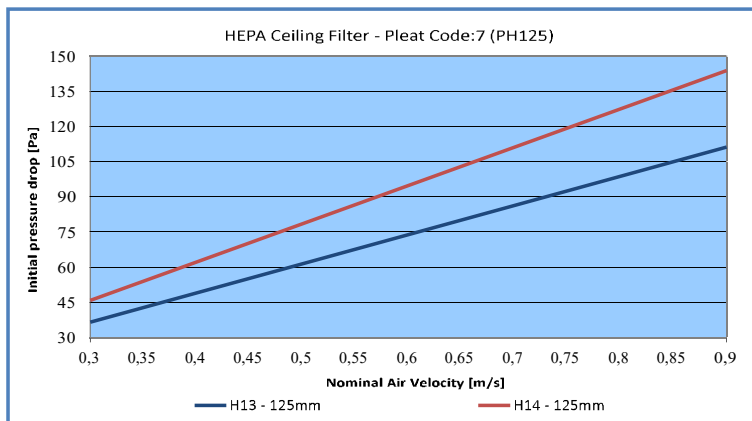
AIR FILTER TECHNOLOGY (EN1822)

HEPA CEILING FILTER with MDF Frame

(MX;150mm - PH;125mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H14-MX-610x762-FW/1P	H13	305x610x100	4,5	125	150	65
HC-H14-MX-610x762-FW/1P	H13	305x610x100	9,0	125	300	65
HC-H14-MX-610x762-FW/1P	H13	457x457x150	10,1	125	340	65
HC-H14-MX-610x762-FW/1P	H13	457x610x150	13,5	125	450	65
HC-H14-MX-610x762-FW/1P	H13	915x915x150	13,9	125	465	65
HC-H14-MX-610x762-FW/1P	H13	575x575x150	16,0	125	535	65
HC-H14-MX-610x762-FW/1P	H13	305x610x100	18,0	125	600	65
HC-H14-MX-610x762-FW/1P	H13	305x610x100	24,6	125	750	65
HC-H14-MX-610x762-FW/1P	H13	610x915x150	27,0	125	900	65
HC-H14-MX-610x762-FW/1P	H14	610x1220x90	4,7	125	150	80
HC-H14-MX-610x762-FW/7P	H14	610x1220x90	49,6	125	1350	80
HC-H14-MX-457x457-FW/7P	H14	457x457x150	10,6	125	340	80
HC-H14-MX-457x610-FW/7P	H14	457x610x150	14,9	125	450	80
HC-H14-MX-535x535-FW/7P	H14	575x575x150	14,5	125	465	80
HC-H14-MX-575x575-FW/7P	H14	575x575x150	16,7	125	535	80
HC-H14-MX-610x610-FW/7P	H14	610x1220x90	18,8	125	600	80
HC-H14-MX-610x762-FW/7P	H14	610x1220x90	23,5	125	750	80
HC-H14-MX-610x915-FW/7P	H14	610x915x150	28,2	125	900	80
HC-H14-MX-762x762-FW/7P	H14	762x762x150	29,3	125	940	80
HC-H14-MX-915x915-FW/7P	H14	915x915x150	42,3	125	1350	80
HC-H14-MX-610x1220-FW/7P	H14	610x1220x150	37,6	125	1200	80
HC-H14-MX-610x1525-FW/7P	H14	610x1525x150	47,0	125	1500	80
HC-H14-MX-610x1830-FW/7P	H14	610x1830x150	56,4	125	1800	80

* Other Dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H13-MX-610x610-FW/7P		
Filter Model	Hepa Ceiling	HC
Filter Class	H13 (EN1822)	H13
Frame Material	MDF	M
Filter Depth	150mm	X
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Without	FW
Pleat Code	PH;125mm	7
Gasket type	PU	P

ADVANCED FILTRATION FOR A BETTER FUTURE!

AIR FILTER TECHNOLOGY (EN1822)

HIGH CAPACITY HEPA FILTER with V-MODUL Design (METAL)

Specifications

- Service life, less maintenance
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Compact and strong construction
- Metal Frame, minimum risk of damage



Filter Class; E10 - E11 - E12 - H13 - H14

Sealing Compound; Two component polyurethane

Flammability Class; K2/F2 (K1/F1 available)

Design; V-Modul

Gasket; EPDM, EPDM Flat continuous and PU Foam

Media; High quality glass fibre

Separators; Hotmelt

Max. Operating Temperature; 75°C ("-" ; 120°C)

Max. Final Pressure Drop; 600 Pa

Frame type; Galvanized Steel (Stainless Steel available)

High Capacity Hepa Filters with V-Modul design filters are manufactured according to international dimensions. They are designed for the special systems such as in supply and exhaust air systems in industry, cleanroom applications, medical and nuclear installations.

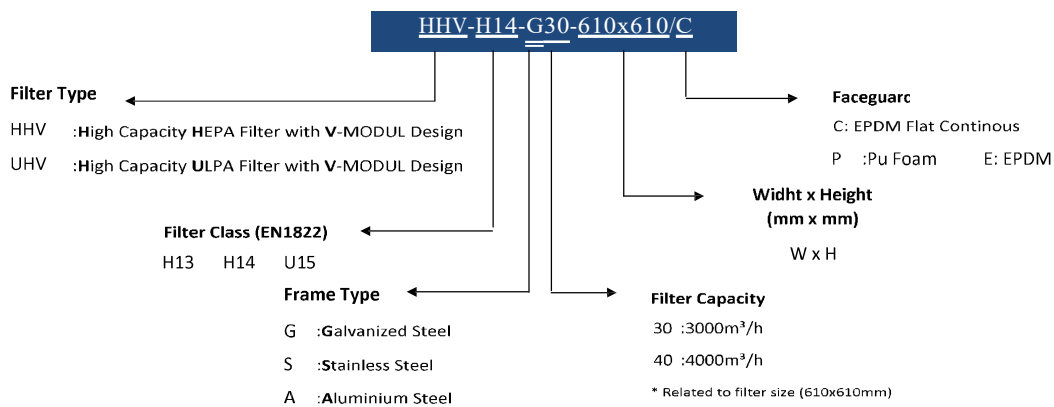
High Capacity Hepa Filters with V-design filter mats are ready to use for face velocities up to 3m/s (air volumes up to 4000m³/h) in several pack densities / casing / gasket materials.

Filtration area and pleat type designed with the optimum value are more important for performances of filters. The filters having large filter surface area offer a good solution with lower operating costs and significantly reducing energy consumption.

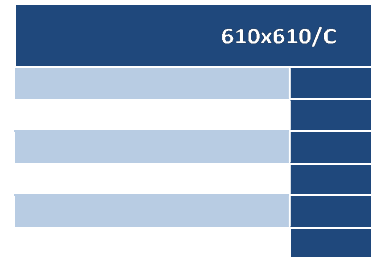
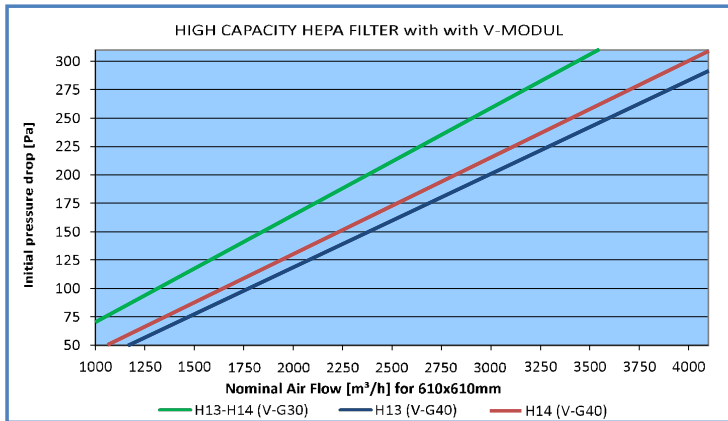
Model	Nominal Air Flow for 610x610mm	Filter Class (EN1822)	Filtration Area for 610x610mm	Initial Pressure Drop @Nominal (Pa)
	(m ³ /h)		(m ²)	
G30	3000	H13	26	250
		H14	30	250
G40	4000	H13	37	290
		H14	40	300

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.

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.

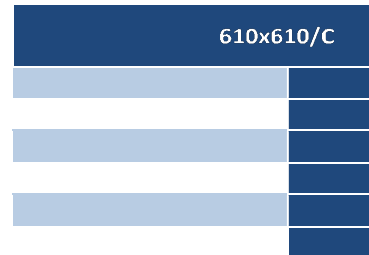
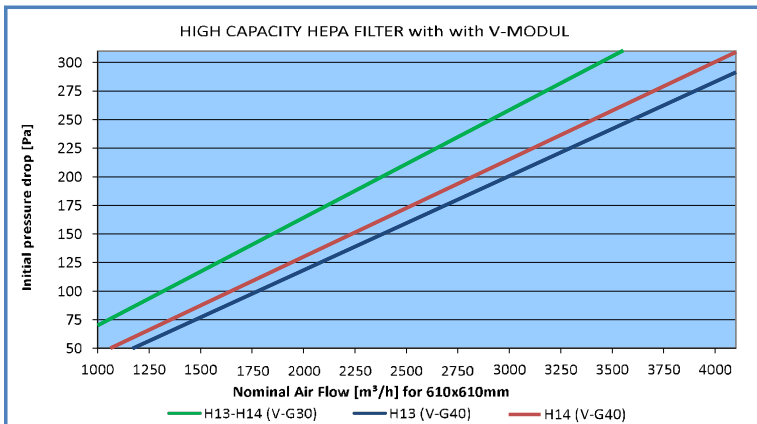


Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Design	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HHV-H13-G30-305x305/C	H13	305x305x292	6,5	V-Modul	750	250
HHV-H13-G30-287x592/C	H13	287x592x292	13,0	V-Modul	1500	250
HHV-H13-G30-305x610/C	H13	305x610x292	13,0	V-Modul	1500	250
HHV-H13-G30-457x610/C	H13	457x610x292	19,5	V-Modul	2250	
HHV-H13-G30-592x592/C	H13	592x592x292	26,0	V-Modul	3000	250
HHV-H13-G30-610x610/C	H13	610x610x292	26,0	V-Modul	3000	
HHV-H13-G30-610x762/C	H13	610x762x292	32,5	V-Modul	3750	250
HHV-H14-G30-305x305/C	H14	305x305x292	7,5	V-Modul	750	250
HHV-H14-G30-287x592/C	H14	287x592x292	15,0	V-Modul		
HHV-H14-G30-305x610/C	H14	305x610x292	15,0	V-Modul	1500	250
HHV-H14-G30-457x610/C	H14	457x610x292	22,5	V-Modul		
HHV-H14-G30-592x592/C	H14	592x592x292	30,0	V-Modul	3000	250
HHV-H14-G30-610x610/C	H14	610x610x292	30,0	V-Modul		



*According to 610x610 dimensions

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Design	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HHV-H13-G40-305x305/C	H13	305x305x292	9,3	V-Modul	1000	290
HHV-H13-G40-287x592/C	H13	287x592x292	18,5	V-Modul	2000	290
HHV-H13-G40-305x610/C	H13	305x610x292	18,5	V-Modul	2000	290
HHV-H13-G40-457x610/C	H13	457x610x292	27,7	V-Modul	3000	
HHV-H13-G40-592x592/C	H13	592x592x292	37,0	V-Modul	4000	290
HHV-H13-G40-610x610/C	H13	610x610x292	37,0	V-Modul	4000	
HHV-H13-G40-610x762/C	H13	610x762x292	46,0	V-Modul	5000	290
HHV-H14-G40-305x305/C	H14	305x305x292	10,0	V-Modul	1000	300
HHV-H14-G40-287x592/C	H14	287x592x292	20,0	V-Modul		
HHV-H14-G40-305x610/C	H14	305x610x292	20,0	V-Modul	2000	300
HHV-H14-G40-457x610/C	H14	457x610x292	30,0	V-Modul		
HHV-H14-G40-592x592/C	H14	592x592x292	40,0	V-Modul	4000	300
HHV-H14-G40-610x610/C	H14	610x610x292	40,0	V-Modul		



*According to 610x610 dimensions

AIR FILTER TECHNOLOGY (EN1822)

HIGH CAPACITY HEPA FILTER with SINGLE PLEAT (METAL)

Specifications

- Single Pleat
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Available in all grades
- For high air flow applications
- High quality glass fibre media
- Available in all grades
- Optimized velocity distribution



Filter Class; H13 - H14
Media; High quality glass fibre
Sealing Compound; Polyurethane
Separators; Hotmelt
Flammability Class; K2/H2 for Normal Temp.
Max. Operating Temperature; 75°C
Faceguard; Available on request
Max. Final Pressure Drop; 600 Pa
Gasket; EPDM, EPDM Flat continuous and PU Foam
Frame type; Galvanized, Alu. and Stainless Steel

Model	Nominal Air Flow for 610x610mm (m³/h)	Pleat Height (mm)	Filter Class (EN1822)	Filtration Area for 610x610mm (m²)	Initial Pressure Drop @Nominal Air Flow (Pa)
G20 M20	2000	125	H13	18	240
			H14	20	250
G30 M30	3000	150	H13	26	250
			H14	30	270

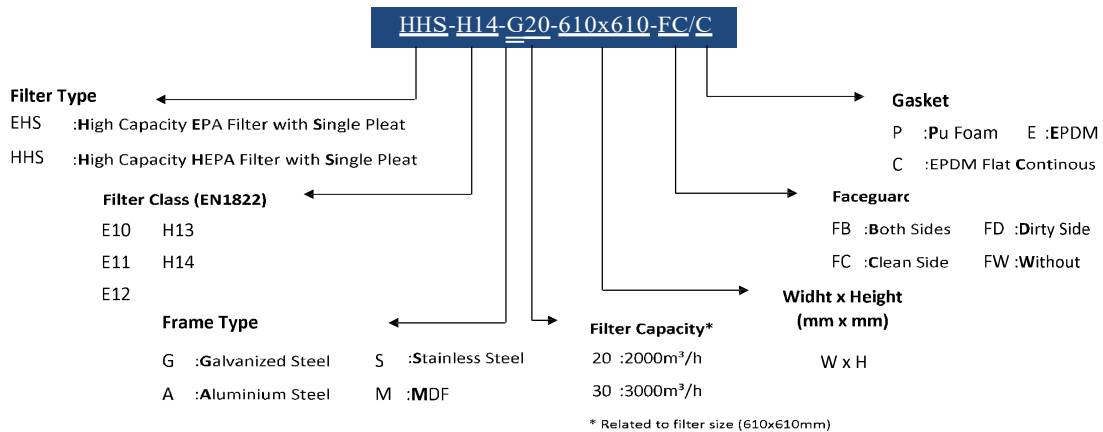
Other frame depths are available for special applications.

High capacity HEPA filters with single pleat protect people, equipment and processes from airborne particulate contamination. This type of filters are used in air ventilation and air conditioning plants requiring high or very high levels of air purity. They are designed for laminar flow units, air handling units and clean room systems.

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.



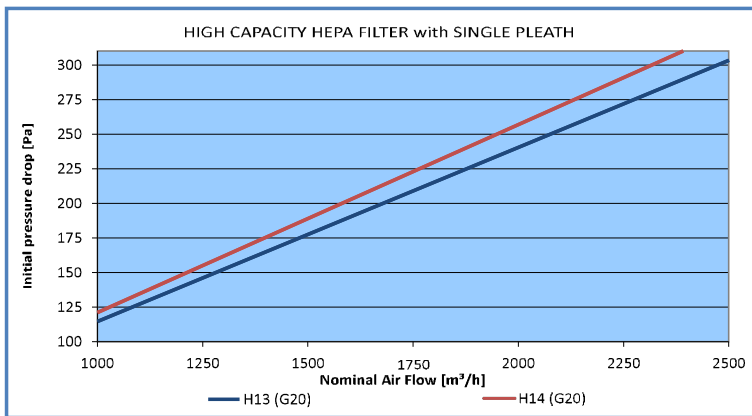
AIR FILTER TECHNOLOGY (EN1822)

HIGH CAPACITY HEPA FILTER with SINGLE pleat (METAL)

(G20 - PH;125mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HHS-H13-G20-305x305-FC/C	H13	305x305x292	4,5	125	500	240
HHS-H13-G20-305x610-FC/C	H13	305x610x292	9,0	125	1000	240
HHS-H13-G20-457x610-FC/C	H13	575x575x150	13,5	125	1500	240
HHS-H13-G20-610x610-FC/C	H13	610x610x292	18,0	125	2000	240
HHS-H13-G20-610x762-FC/C	H13	610x915x292	22,5	125	2500	240
HHS-H13-G20-610x915-FC/C	H13	610x915x292	27,0	125	3000	240
HHS-H13-G20-610x1220-FC/C	H13	610x1220x292	36,0	125	4000	240
HHS-H14-G20-305x305-FC/C	H14	610x915x292	5,0	125	500	250
HHS-H14-G20-305x610-FC/C	H14	610x915x292	10,0	125	1000	250
HHS-H14-G20-457x610-FC/C	H14	457x457x292	15,0	125	1500	250
HHS-H14-G20-610x610-FC/C	H14	610x915x292	20,0	125	2000	250
HHS-H14-G20-610x762-FC/C	H14	610x915x292	25,0	125	2500	250
HHS-H14-G20-610x915-FC/C	H14	610x915x292	30,0	125	3000	250
HHS-H14-G20-610x1220-FC/C	H14	610x1220x292	40,0	125	4000	250

Other dimensions are available on request.



HHS-H14-G20-610x610-FC/C		
Filter Model	Single Pleat	HHS
Filter Class	H14 (EN1822)	H14
Frame Material	Galvanized	G
Nominal Capacity*	2000m ³ /h	20
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Clean Side	FC
Gasket	EPDM Flat	C

*According to 610x610 dimensions

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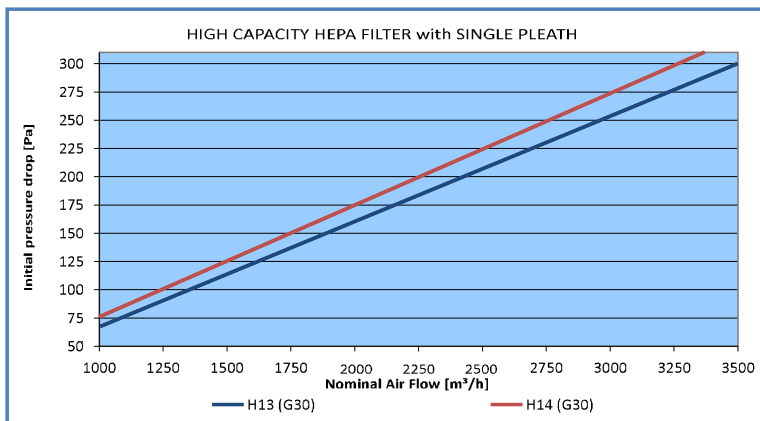
AIR FILTER TECHNOLOGY (EN1822)

HIGH CAPACITY HEPA FILTER with SINGLE pleat (METAL)

(G30 - PH;150mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HHS-H13-G30-305x305-FC/C	H13	610x915x292	6,5	150	750	250
HHS-H13-G30-305x610-FC/C	H13	610x915x292	13,0	150	1500	250
HHS-H13-G30-457x610-FC/C	H13	575x575x150	19,5	150	2250	250
HHS-H13-G30-610x610-FC/C	H13	610x915x292	26,0	150	3000	250
HHS-H13-G30-610x762-FC/C	H13	610x762x292	32,5	150	3750	250
HHS-H13-G30-610x915-FC/C	H13	610x915x292	39,0	150	4500	250
HHS-H13-G30-610x1220-FC/C	H13	610x1220x292	52,0	150	6000	250
HHS-H14-G30-305x305-FC/C	H14	305x305x292	7,5	150	750	270
HHS-H14-G30-305x610-FC/C	H14	305x610x292	15,0	150	1500	270
HHS-H14-G30-457x610-FC/C	H14	457x457x292	22,5	150	2250	270
HHS-H14-G30-610x610-FC/C	H14	610x610x292	30,0	150	3000	270
HHS-H14-G30-610x762-FC/C	H14	610x762x292	37,5	150	3750	270
HHS-H14-G30-610x915-FC/C	H14	610x915x292	45,0	150	4500	270
HHS-H14-G30-610x1220-FC/C	H14	610x1220x292	60,0	150	6000	270

Other dimensions are available on request.



HHS-H14-G20-610x610-FC/C		
Filter Model	Single Pleat	HHS
Filter Class	H14 (EN1822)	H14
Frame Material	Galvanized	G
Nominal Capacity*	3000m ³ /h	30
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	On Clean Side	FC
Gasket	EPDM Flat	C

*According to 610x610 dimensions

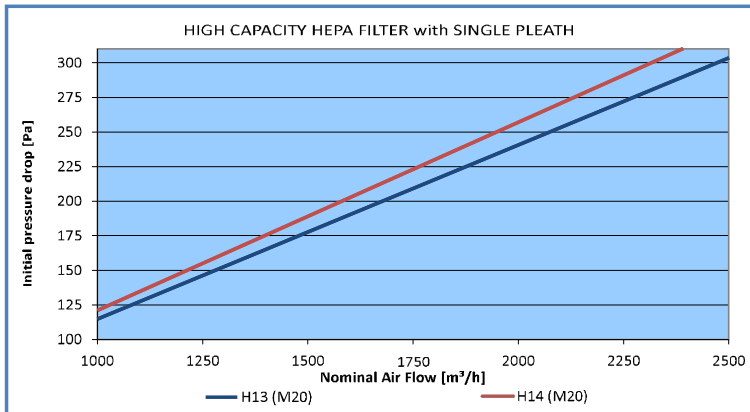
AIR FILTER TECHNOLOGY (EN1822)

HIGH CAPACITY HEPA FILTER with SINGLE pleat (MDF)

(M20 - PH;125mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HHS-H13-M20-305x305-FW/P	H13	610x915x292	4,5	125	500	240
HHS-H13-M20-305x610-FW/P	H13	305x610x292	9,0	125	1000	240
HHS-H13-M20-457x610-FW/P	H13	457x610x292	13,5	125	1500	240
HHS-H13-M20-457x610-FW/P	H13	610x610x292	18,0	125	2000	240
HHS-H13-M20-457x610-FW/P	H13	610x762x292	22,5	125	2500	240
HHS-H13-M20-610x915-FW/P	H13	610x915x292	27,0	125	3000	240
HHS-H14-M20-610x1220-FW/P	H13	610x1220x292	36,0	125	4000	240
HHS-H13-M20-457x610-FW/P	H14	305x305x292	5,0	125	500	250
HHS-H13-M20-457x610-FW/P	H14	305x610x292	10,0	125	1000	250
HHS-H14-M20-457x610-FW/P	H14	457x457x292	15,0	125	1500	250
HHS-H14-M20-610x610-FW/P	H14	610x610x292	20,0	125	2000	250
HHS-H14-M20-610x762-FW/P	H14	610x762x292	25,0	125	2500	250
HHS-H14-M20-610x915-FW/P	H14	610x915x292	30,0	125	3000	250
HHS-H14-M20-610x1220-FW/P	H14	610x1220x292	40,0	125	4000	250

Other dimensions are available on request.



HHS-H13-M20-610x610-FW/P		
Filter Model	Single Pleat	HHS
Filter Class	H13 (EN1822)	H13
Frame Material	MDF	M
Nominal Capacity*	2000m ³ /h	20
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Without	FW
Gasket	Pu Foam	P

*According to 610x610 dimensions

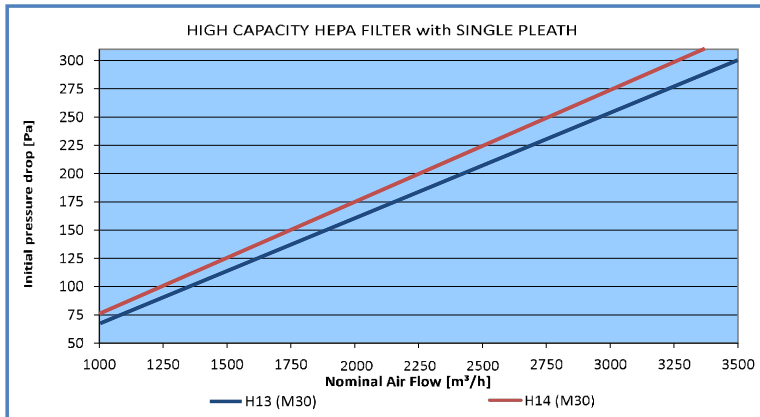
AIR FILTER TECHNOLOGY (EN1822)

HIGH CAPACITY HEPA FILTER with SINGLE pleat (MDF)

(M30 - PH;150mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HHS-H13-M30-305x305-FW/P	H13	305x305x292	6,5	150	750	250
HHS-H13-M30-305x610-FW/P	H13	305x610x292	13,0	150	1500	250
HHS-H13-M30-457x610-FW/P	H13	457x610x292	19,5	150	2250	250
HHS-H13-M30-610x610-FW/P	H13	610x610x292	26,0	150	3000	250
HHS-H13-M30-610x762-FW/P	H13	610x762x292	32,5	150	3750	250
HHS-H13-M30-610x915-FW/P	H13	610x915x292	39,0	150	4500	250
HHS-H13-M30-610x1220-FW/P	H13	610x1220x292	52,0	150	6000	250
HHS-H14-M30-305x305-FW/P	H14	305x305x292	7,5	150	750	270
HHS-H14-M30-457x610-FW/P	H14	305x610x292	15,0	150	1500	270
HHS-H14-M30-457x457-FW/P	H14	457x457x292	22,5	150	2250	270
HHS-H14-M30-610x610-FW/P	H14	610x610x292	30,0	150	3000	270
HHS-H14-M30-610x762-FW/P	H14	610x762x292	37,5	150	3750	270
HHS-H14-M30-610x915-FW/P	H14	610x915x292	45,0	150	4500	270
HHS-H14-M30-610x1220-FW/P	H14	610x1220x292	60,0	150	6000	270

Other dimensions are available on request.



HHS-H13-M30-610x610-FW/P		
Filter Model	Single Pleat	HHS
Filter Class	H13 (EN1822)	H13
Frame Material	MDF	M
Nominal Capacity*	3000m ³ /h	30
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Without	FW
Gasket	Pu Foam	P

*According to 610x610 dimensions

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AIR FILTER TECHNOLOGY (EN1822)

GEL TYPE HEPA/ULPA CEILING FILTER with Aluminium Frame

(ANJ;80mm - PH;42mm)

Specifications

- Optimized velocity distribution
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Available in all grades
- Polyurethane Gel gasket
- Various frame sizes with any dimensions
- Suitable for knife edge frame systems
- Excellent sealing



Filter Class; H13 - H14 - U15 **Media;** High quality glass fibre
Sealing Compound; Two component polyurethane **Separators;** Hotmelt
Frame type; Anodized, extruded aluminium **Flammability Class;** K2/F2 for normal Temp.
Faceguard; Aluminium sheet, powder coat **Max. Final Pressure Drop;** 600 Pa
Gasket; GEL **Max. Operating Temperature;** 75°C

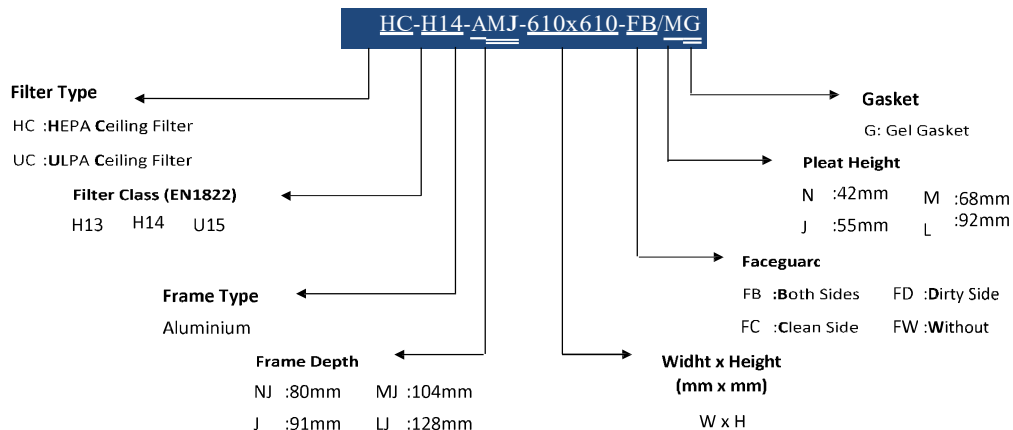
Filter Pleat	Pleat Height (PH-...)(mm)	Pleat Code	Filtration area per m ² face area	Filter Class (EN1822)	Pack resistance @ nominal air velocity (0,45m/s)	Available Frame Code for pleat	Available Frame Depth for pleat (mm)
	42	N	24,2	H13	100	ANJ, AJ, AMJ, ALJ	80, 91, 104, 128
			25,3	H14	125		
			26,9	U15	140		
	55	J	28,8	H13	90	AJ, AMJ, ALJ	91, 104, 128
			30,4	H14	115		
			32,2	U15	130		
	68	M	33,4	H13	85	AMJ, ALJ	104, 128
			35,2	H14	100		
			37,6	U15	115		
	92	L	48,4	H13	65	ALJ	128
			50,5	H14	80		
			53,7	U15	100		

High-efficiency HEPA Ceiling Gel Type filters protect people, equipment and processes from airborne particulate contamination. Gel Type HEPA Ceiling filters are used in air ventilation and air conditioning plants requiring high or very high levels of air purity. They are designed for clean room ceilings and clean work tables 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

* Other pleat heights are available for special applications.
 * Differential Pressure Tolerance ±10%

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



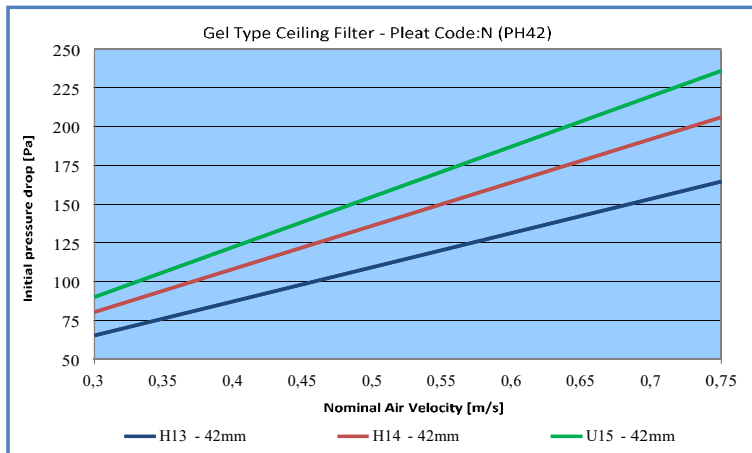
AIR FILTER TECHNOLOGY (EN1822)

GEL TYPE HEPA/ULPA CEILING FILTER with Aluminium Frame

(ANJ;80mm - PH;42mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H13-ANJ-610x762-FB/NG	H13	305x305x80	2,3	42	150	100
HC-H13-ANJ-610x762-FB/NG						100
HC-H13-ANJ-610x762-FB/NG	H13	457x457x80	5,1	42	340	100
HC-H13-ANJ-610x762-FB/NG		305x610x80				100
HC-H13-ANJ-610x762-FB/NG	H13	610x762x80	11,2	42	750	100
HC-H13-ANJ-610x915-FB/NG		610x610x80				100
HC-H13-ANJ-610x1220-FB/NG	H13	610x1220x80	18,0	42	1200	100
	H13	610x915x80	13,5	42	900	100
HC-H14-ANJ-305x305-FB/NG	H14	305x305x80	2,4	42	150	125
HC-H14-ANJ-305x610-FB/NG	H14	305x610x80	4,7	42	300	125
HC-H14-ANJ-457x457-FB/NG	H14	457x457x80	5,3	42	340	125
HC-H14-ANJ-610x610-FB/NG	H14	610x610x80	9,4	42	600	125
HC-H14-ANJ-610x762-FB/NG	H14	610x762x80	11,7	42	750	125
HC-H14-ANJ-610x915-FB/NG	H14	610x915x80	14,1	42	900	125
HC-H14-ANJ-610x1220-FB/NG	H14	610x1220x80	18,8	42	1200	125
UC-U15-ANJ-305x305-FB/NG	U15	305x305x80	2,5	42	150	140
UC-U15-ANJ-305x610-FB/NG	U15	305x610x80	5,0	42	300	140
UC-U15-ANJ-457x457-FB/NG	U15	457x457x80	5,6	42	340	140
UC-U15-ANJ-610x610-FB/NG	U15	610x610x80	10,0	42	600	140
UC-U15-ANJ-610x762-FB/NG	U15	610x762x80	12,5	42	750	140
UC-U15-ANJ-610x915-FB/NG	U15	610x915x80	15,0	42	900	140
UC-U15-ANJ-610x1220-FB/NG	U15	610x1220x80	20,0	42	1200	140

Other dimensions are available on request.



HC-H14-ANJ-610x610-FB/NG		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	80mm	NJ
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Both Sides	FB
Pleat Code	PH;42mm	N
Gasket type	Gel	G

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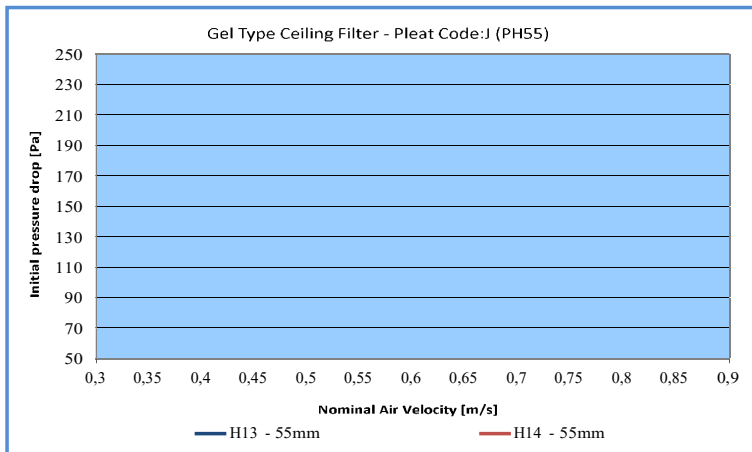
AIR FILTER TECHNOLOGY (EN1822)

GEL TYPE HEPA/ULPA CEILING FILTER with Aluminium Frame

(ANJ;80mm - PH;42mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H13-AJ-305x305-FB/JG	H13	305x305x91	2,7	55	150	90
HC-H13-AJ-305x610-FB/JG	H13	305x610x91	5,4	55	300	90
HC-H13-AJ-457x457-FB/JG	H13	457x457x91	6,0	55	340	90
HC-H13-AJ-610x610-FB/JG	H13	610x610x91	10,7	55	600	90
HC-H13-AJ-610x762-FB/JG	H13	610x762x91	13,4	55	750	90
HC-H13-AJ-610x915-FB/JG	H13	610x915x91	16,1	55	900	90
HC-H13-AJ-610x1220-FB/JG	H13	610x1220x91	21,4	55	1200	90
HC-H14-AJ-305x305-FB/JG	H14	305x305x91	2,8	55	150	115
HC-H14-AJ-305x610-FB/JG	H14	305x610x91	5,6	55	300	115
HC-H14-AJ-457x457-FB/JG	H14	457x457x91	6,3	55	340	115
HC-H14-AJ-610x610-FB/JG	H14	610x610x91	11,3	55	600	115
HC-H14-AJ-610x762-FB/JG	H14	610x762x91	14,1	55	750	115
HC-H14-AJ-610x915-FB/JG	H14	610x915x91	16,9	55	900	115
HC-H14-AJ-610x1220-FB/JG	H14	610x1220x91	22,5	55	1200	115
UC-U15-AJ-305x305-FB/JG	U15	305x305x91	3,0	55	150	125
UC-U15-AJ-305x610-FB/JG	U15	305x610x91	6,0	55	300	125
UC-U15-AJ-457x457-FB/JG	U15	457x457x91	6,7	55	340	125
UC-U15-AJ-610x610-FB/JG	U15	610x610x91	12,0	55	600	125
UC-U15-AJ-610x762-FB/JG	U15	610x762x91	15,0	55	750	125
UC-U15-AJ-610x915-FB/JG	U15	610x915x91	18,0	55	900	125
UC-U15-AJ-610x1220-FB/JG	U15	610x1220x91	24,0	55	1200	125

Other dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H14-AJ-610x610-FB/JG		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	91mm	J
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Both Sides	FB
Pleat Code	PH;55mm	J
Gasket type	Gel	G

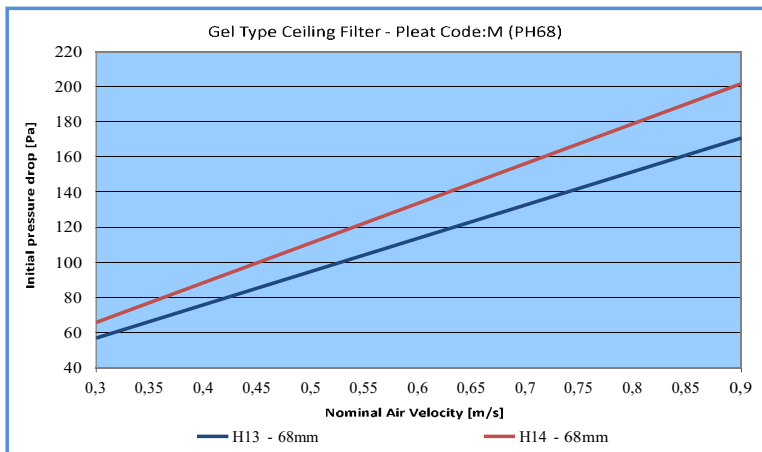
AIR FILTER TECHNOLOGY (EN1822)

GEL TYPE HEPA/ULPA CEILING FILTER with Aluminium Frame

(AMJ;104mm - PH;68mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H13-MX-610x1830-FW/1P	H13	305x305x104	3,1	68	150	85
HC-H13-MX-610x1830-FW/1P	H13	305x610x104	6,2	68	300	85
HC-H13-MX-610x1830-FW/1P	H13	457x457x104	7,0	68	340	85
HC-H13-MX-610x1830-FW/1P	H13	610x610x104	12,4	68	600	85
HC-H13-AMJ-610x762-FB/MG	H13	610x762x104	15,5	68	750	85
HC-H13-AMJ-610x915-FB/MG	H13	610x915x104	18,6	68	900	85
HC-H13-AMJ-610x1220-FB/MG	H13	610x1220x104	24,8	68	1200	85
HC-H14-AMJ-305x305-FB/MG	H14	305x305x104	3,3	68	150	100
HC-H14-AMJ-305x610-FB/MG	H14	305x610x104	6,6	68	300	100
HC-H14-AMJ-457x457-FB/MG	H14	457x457x104	7,4	68	340	100
HC-H14-AMJ-610x610-FB/MG	H14	610x610x104	13,1	68	600	100
HC-H14-AMJ-610x762-FB/MG	H14	610x762x104	16,4	68	750	100
HC-H14-AMJ-610x915-FB/MG	H14	610x915x104	19,7	68	900	100
HC-H14-AMJ-610x1220-FB/MG	H14	610x1220x104	26,7	68	1200	100
UC-U15-AMJ-305x305-FB/MG	U15	305x305x104	3,5	68	150	115
UC-U15-AMJ-305x610-FB/MG	U15	305x610x104	7,0	68	300	115
UC-U15-AMJ-457x457-FB/MG	U15	457x457x104	7,9	68	340	115
UC-U15-AMJ-610x610-FB/MG	U15	610x610x104	14,0	68	600	115
UC-U15-AMJ-610x762-FB/MG	U15	610x762x104	17,5	68	750	115
UC-U15-AMJ-610x915-FB/MG	U15	610x915x104	21,0	68	900	115
UC-U15-AMJ-610x1220-FB/MG	U15	610x1220x104	28,0	68	1200	115

Other dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H14-AMJ-610x610-FB/MG		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	104mm	MJ
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Both Sides	FB
Pleat Code	PH;68mm	M
Gasket type	Gel	G

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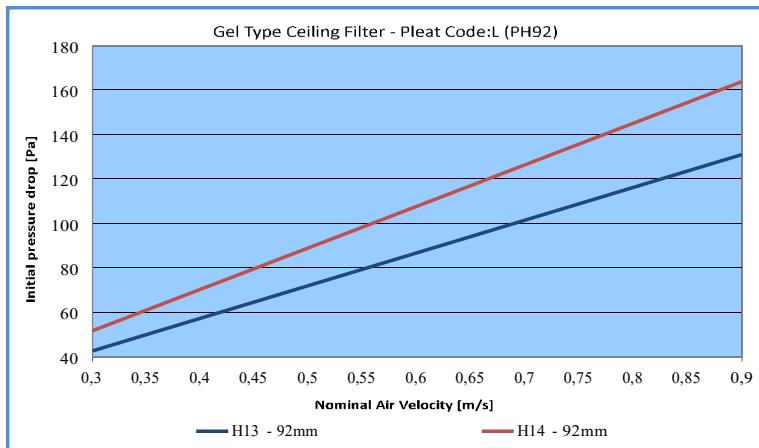
AIR FILTER TECHNOLOGY (EN1822)

GEL TYPE HEPA/ULPA CEILING FILTER with Aluminium Frame

(ALJ;128mm - PH;92mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HC-H14-ALJ-305x305-FB/LG	H13	305x305x128	4,5	92	150	65
HC-H13-ALJ-305x610-FB/LG	H13	305x610x128	9,0	92	300	65
HC-H14-ALJ-305x305-FB/LG	H13	457x457x128	10,1	92	340	65
HC-H14-ALJ-305x305-FB/LG	H13	610x610x128	18,0	92	600	65
HC-H14-ALJ-305x305-FB/LG	H13	610x762x128	22,5	92	750	65
HC-H13-ALJ-610x915-FB/LG	H13	610x915x128	27,0	92	900	65
HC-H13-ALJ-610x1220-FB/LG	H13	610x1220x128	36,0	92	1200	65
HC-H14-ALJ-305x305-FB/LG	H14	305x305x128	4,7	92	150	80
HC-H14-ALJ-305x610-FB/LG	H14	305x610x128	9,4	92	300	80
HC-H14-ALJ-457x457-FB/LG	H14	457x457x128	10,6	92	340	80
HC-H14-ALJ-610x610-FB/LG	H14	610x610x128	18,8	92	600	80
HC-H14-ALJ-610x762-FB/LG	H14	610x762x128	23,5	92	750	80
HC-H14-ALJ-610x915-FB/LG	H14	610x915x128	28,2	92	900	80
HC-H14-ALJ-610x1220-FB/LG	H14	610x1220x128	37,6	92	1200	80
UC-U15-ALJ-305x305-FB/LG	U15	305x305x128	5,0	92	150	100
UC-U15-ALJ-305x610-FB/LG	U15	305x610x128	10,0	92	300	100
UC-U15-ALJ-457x457-FB/LG	U15	457x457x128	11,2	92	340	100
UC-U15-ALJ-610x610-FB/LG	U15	610x610x128	20,0	92	600	100
UC-U15-ALJ-610x762-FB/LG	U15	610x762x128	25,0	92	750	100
UC-U15-ALJ-610x915-FB/LG	U15	610x915x128	30,0	92	900	100
UC-U15-ALJ-610x1220-FB/LG	U15	610x1220x128	40,0	92	1200	100

Other dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HC-H14-ALJ-610x610-FB/LG		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	128mm	LJ
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Both Sides	FB
Pleat Code	PH;92mm	L
Gasket type	Gel	G

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AIR FILTER TECHNOLOGY (EN1822)

HEPA TERMINAL HOOD FILTER with Aluminium Frame

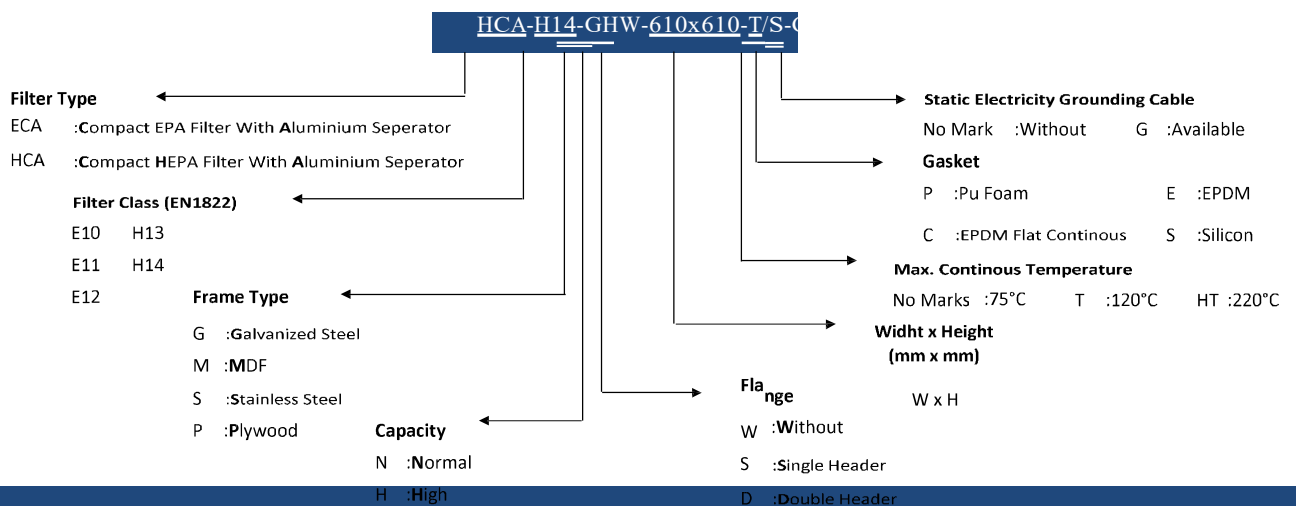
Specifications

- High dust holding capacity
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Available in all grades
- Heat resistant filter media



Filter Class; H13 - H14
Media; High quality glass fibre
Frame type; Galvanized Steel, Stainless Steel, MDF
Separators; Corrugated Aluminium
Flammability Class; K2/F2, K1/F1
Max. Operating Temperature; up to 75°C, 120°C, 220°C
Flange; Without, single, double
Max. Final Pressure Drop; 600 Pa
Gasket; Silicon, EPDM and PU Foam
Sealing Compound; Two component polyurethane, silicon

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m²)	Max. Continuous Temperature (°C)	Nominal Airflow (m³/h)	Initial Pressure Drop (Pa)
HCA-H13-MNW-305x610/E	H13	305x610x292	7,0	75	750	250
HCA-H13-MNW-610x610/E	H13	610x915x292	14,0	75	1500	250
HCA-H13-MHW-305x610/E	H13	305x610x292	11,0	75	1250	250
HCA-H13-MHW-610x610/E	H13	610x610x292	22,0	75	2500	250
HCA-H14-MHW-305x610/E	H14	305x610x292	11,0	75	1100	250
HCA-H14-MHW-610x610/E	H14	610x610x292	22,0	75	2200	250
HCA-H13-GNW-305x610-T/S	H13	305x610x292	7,0	120	750	250
HCA-H13-GNW-610x610-T/S	H13	610x610x292	14,0	120	1500	250
HCA-H13-GHW-305x610-T/S	H13	305x610x292	11,0	120	1250	250
HCA-H13-GHW-610x610-T/S	H13	610x610x292	22,0	120	2500	250
HCA-H14-GHW-305x610-T/S	H14	305x610x292	11,0	120	1100	250
HCA-H14-GHW-610x610-T/S	H14	610x610x292	22,0	120	2200	250
HCA-H13-SHD-305x610-HT/S	H13	305x610x292	7,0	220	750	250
HCA-H13-SHD-610x610-HT/S	H13	610x610x292	14,0	220	1500	250
HCA-H13-SHD-305x610-HT/S	H13	305x610x292	11,0	220	1250	250
HCA-H13-SHD-610x610-HT/S	H13	610x610x292	22,0	220	2500	250
HCA-H14-SHD-305x610-HT/S	H14	305x610x292	11,0	220	1100	250
HCA-H14-SHD-610x610-HT/S	H14	610x610x292	22,0	220	2200	250



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AIR FILTER TECHNOLOGY (EN1822)

HEPA TERMINAL HOOD FILTER with Aluminium Frame

Specifications

- Optimized velocity distribution
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Adjustable airflow by means of a damper
- Ready to install
- Aluminium cover and spigot
- Disposable filter modules
- With individual test certificated
- Factory sealed unit filter
- Interchangeable with existing filters
- Assembled without screws or fasteners
- Emery (DOP) and ΔP nozzles included



Filter Class; H13 - H14 - U15

Media; High quality glass fibre

Sealing Compound; Two component polyurethane

Separators; Hotmelt

Frame type; Anodized, extruded aluminium

Flammability Class; K2/F2 for normal Temp.

Faceguard; Aluminium sheet, powder coat

Max. Final Pressure Drop; 600 Pa

Spigot Diameter; 160-200-250-315mm

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 @ nominal air velocity (0,45m/s)	Available Frame Code for pleat	Available Frame Depth for pleat (mm)
	50	1	29,6	H13	90	(HTH) AL, AX	125, 175
			29,6	H14	115		
			29,6	U15	135		
	100	6	48,4	H13	65	(HTH) AX	175
			50,5	H14	80		
			53,7	U15	100		

* Other pleat heights are available for special applications.

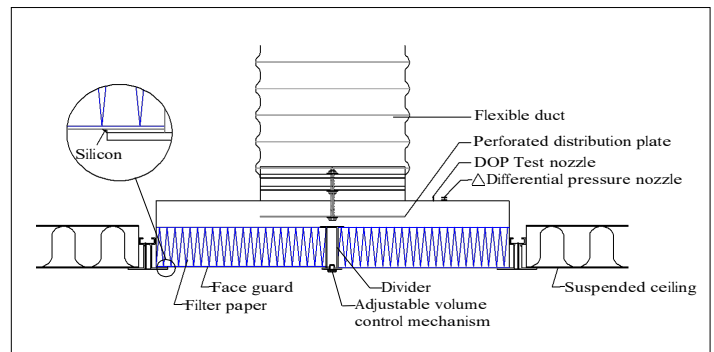
* Differential Pressure Tolerance $\pm 10\%$

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

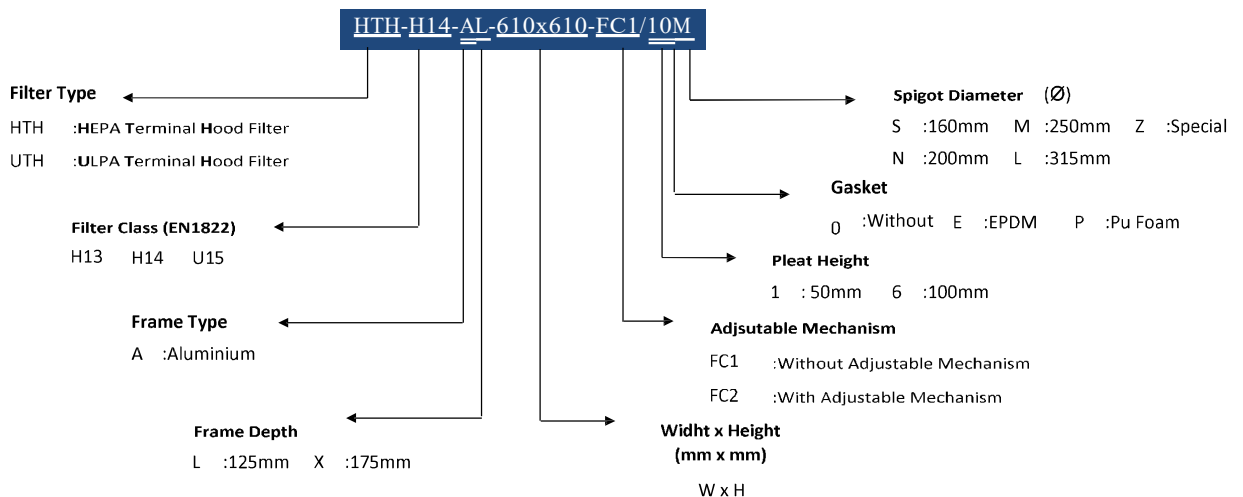
Applications: Industrial processes like microelectronics, medicine, pharma, the food industry, microbiology, chemistry, laboratories, hospital and hospital operating theatres, laminar flow boxes, nuclear energy and nuclear research.

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

Volume can be adjusted by perforated distribution plate from roomside with a screwdriver through an access port located in the center of the unit. For an optional application where the volume control is not necessary the fixed distribution plate is also available (divider is not included).



Note: Add 15Pa to initial resistance for hood construction



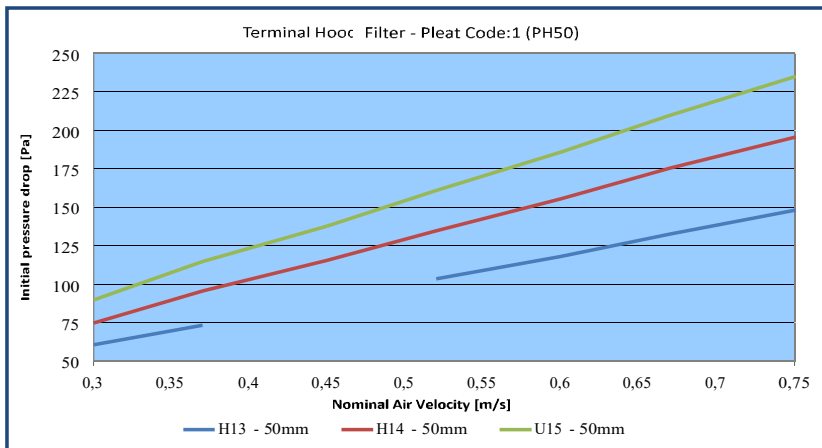
ADVANCED FILTRATION FOR A BETTER FUTURE!

AIR FILTER TECHNOLOGY (EN1822)

HEPA TERMINAL HOOD FILTER with Aluminium Frame

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Spigot Diameter (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HTH-H13-AL-305x305-FC1/10S	H13	305x305x125	160	2,8	50	150	90
HTH-H13-AL-305x610-FC1/10N	H13	305x610x125	200	5,5	50	300	90
HTH-H13-AL-457x457-FC1/10N	H13	457x457x125	200	6,2	50	340	90
HTH-H13-AL-610x610-FC1/10M	H13	610x610x125	250	11,0	50	600	90
HTH-H13-AL-610x762-FC1/10M	H13	610x762x125	250	13,7	50	750	90
HTH-H13-AL-610x915-FC1/10L	H13	610x915x125	315	16,5	50	900	90
HTH-H13-AL-610x1220-FC1/10L	H13	610x1220x125	315	22,0	50	1200	90
HTH-H14-AL-305x305-FC1/10S	H14	305x305x125	160	2,8	50	150	115
HTH-H14-AL-305x610-FC1/10N	H14	305x610x125	200	5,5	50	300	115
HTH-H14-AL-457x457-FC1/10N	H14	457x457x125	200	6,2	50	340	115
HTH-H14-AL-610x610-FC1/10M	H14	610x610x125	250	11,0	50	600	115
HTH-H14-AL-610x762-FC1/10M	H14	610x762x125	250	13,7	50	750	115
HTH-H14-AL-610x915-FC1/10L	H14	610x915x125	315	16,5	50	900	115
HTH-H14-AL-610x1220-FC1/10L	H14	610x1220x125	315	22,0	50	1200	115
UTH-U15-AL-305x305-FC1/10S	U15	305x305x125	160	2,8	50	150	135
UTH-U15-AL-305x610-FC1/10N	U15	305x610x125	200	5,5	50	300	135
UTH-U15-AL-457x457-FC1/10N	U15	457x457x125	200	6,2	50	340	135
UTH-U15-AL-610x610-FC1/10M	U15	610x610x125	250	11,0	50	600	135
UTH-U15-AL-610x762-FC1/10M	U15	610x762x125	250	13,7	50	750	135
UTH-U15-AL-610x915-FC1/10L	U15	610x915x125	315	16,5	50	900	135
UTH-U15-AL-610x1220-FC1/10L	U15	610x1220x125	315	22,0	50	1200	135

Other dimensions are available on request.



HTH-H14-AL-610x610-FC1/10M		
Filter Model	HEPA Hood	HTH
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	125mm	L
Filter Dimensions	WxH (mm)	610x610
Adj. Mechanism	Without	FC1
Pleat Code	PH;50mm	1
Gasket type	Without	0
Spigot Diameter	PH;250mm	M

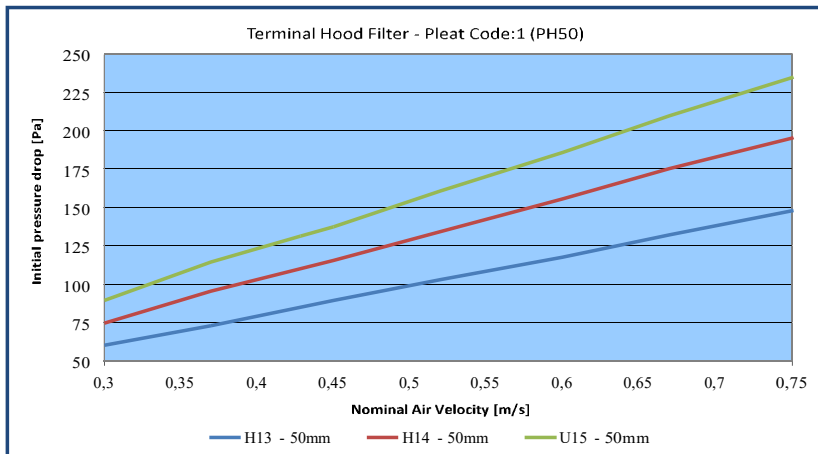
ADVANCED FILTRATION FOR A BETTER FUTURE!

AIR FILTER TECHNOLOGY (EN1822)

HEPA TERMINAL HOOD FILTER with Aluminium Frame

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Spigot Diameter (mm)	Filtration Area (m²)	Pleat Height (mm)	Nominal Airflow (m³/h)	Initial Pressure Drop (Pa)
HTH-H14-AX-305x305-FC2/10S	H13	305x305x175	160	2,8	50	150	90
HHS-H14-M20-610x1220-FW/P	H13	305x610x175	200	5,5	50	300	90
HHS-H14-M20-610x1220-FW/P	H13	457x457x175	200	6,2	50	340	90
HTH-H13-AX-610x762-FC2/10M	H13	610x610x175	250	11,0	50	600	90
HTH-H13-AX-610x762-FC2/10M	H13	610x762x175	250	13,7	50	750	90
HTH-H14-AX-610x915-FC2/10L	H13	610x915x175	315	16,5	50	900	90
HTH-H14-AX-610x1220-FC2/10L	H13	610x1220x175	315	22,0	50	1200	90
HTH-H14-AX-305x305-FC2/10S	H14	305x305x175	160	2,8	50	150	115
HHS-H14-M20-610x1220-FW/P	H14	305x610x175	200	5,5	50	300	115
HTH-H14-AX-457x457-FC2/10N	H14	457x457x175	200	6,2	50	340	115
HTH-H14-AX-610x610-FC2/10M	H14	610x610x175	250	11,0	50	600	115
HTH-H14-AX-610x762-FC2/10M	H14	610x762x175	250	13,7	50	750	115
HTH-H14-AX-610x915-FC2/10L	H14	610x915x175	315	16,5	50	900	115
HTH-H14-AX-610x1220-FC2/10L	H14	610x1220x175	315	22,0	50	1200	115
UTH-U15-AX-305x305-FC2/10S	U15	305x305x175	160	2,8	50	150	135
UTH-U15-AX-305x610-FC2/10N	U15	305x610x175	200	5,5	50	300	135
UTH-U15-AX-457x457-FC2/10N	U15	457x457x175	200	6,2	50	340	135
UTH-U15-AX-610x610-FC2/10M	U15	610x610x175	250	11,0	50	600	135
UTH-U15-AX-610x762-FC2/10M	U15	610x762x175	250	13,7	50	750	135
UTH-U15-AX-610x915-FC2/10L	U15	610x915x175	315	16,5	50	900	135
UTH-U15-AX-610x1220-FC2/10L	U15	610x1220x175	315	22,0	50	1200	135

Other dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HTH-H14-AX-610x610-FC2/10M		
Filter Model	HEPA Hood	HTH
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	175mm	X
Filter Dimensions	WxH (mm)	610x610
Adj. Mechanism	Available	FC2
Pleat Code	PH;50mm	1
Gasket type	Without	0
Spigot Diameter	PH;250mm	M

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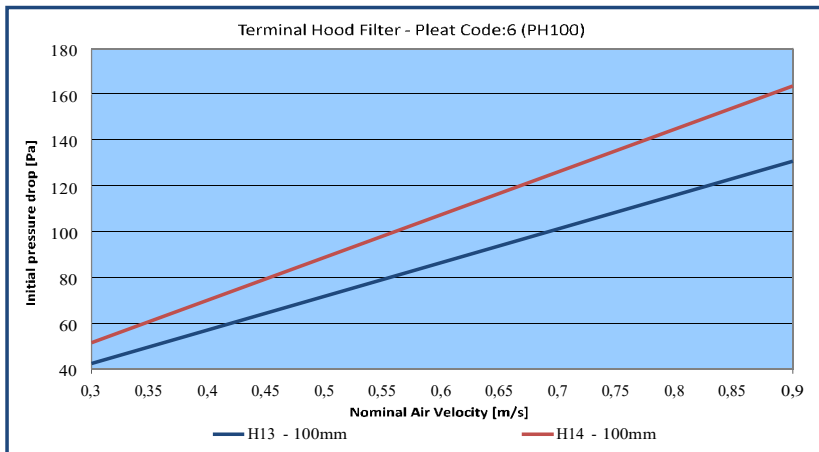
AIR FILTER TECHNOLOGY (EN1822)

HEPA TERMINAL HOOD FILTER with Aluminium Frame

(AX;175mm - PH;100mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Spigot Diameter (mm)	Filtration Area (m²)	Pleat Height (mm)	Nominal Airflow (m³/h)	Initial Pressure Drop (Pa)
HTH-H13-AX-305x305-FC1/60S	H13	305x305x175	160	4,5	100	150	65
HTH-H13-AX-305x610-FC1/60N	H13	305x610x175	200	9,0	100	300	65
HTH-H13-AX-457x457-FC1/60N	H13	457x457x175	200	10,1	100	340	65
HTH-H13-AX-610x610-FC1/60M	H13	610x610x175	250	18,0	100	600	65
HTH-H13-AX-610x762-FC1/60M	H13	610x762x175	250	22,5	100	750	65
HTH-H13-AX-610x915-FC1/60L	H13	610x915x175	315	27,0	100	900	65
HTH-H14-AX-610x1220-FC2/10L	H13	610x1220x175	315	36,0	100	1200	65
HTH-H14-AX-305x305-FC1/60S	H14	305x305x175	160	4,7	100	150	80
HTH-H14-AX-305x610-FC1/60N	H14	305x610x175	200	9,4	100	300	80
HHS-H14-M20-610x1220-FW/P	H14	457x457x175	200	10,6	100	340	80
HTH-H13-AX-610x762-FC2/10M	H14	610x610x175	250	18,8	100	600	80
HTH-H13-AX-610x762-FC2/10M	H14	610x762x175	250	23,5	100	750	80
HTH-H14-AX-610x915-FC2/10L	H14	610x915x175	315	28,2	100	900	80
HTH-H14-AX-610x1220-FC1/60L	H14	610x1220x175	315	37,6	100	1200	80
UTH-U15-AX-305x305-FC1/60S	U15	305x305x175	160	5,0	100	150	100
UTH-U15-AX-457x457-FC2/10N	U15	305x610x175	200	10,0	100	300	100
UTH-U15-AX-457x457-FC2/10N	U15	457x457x175	200	11,2	100	340	100
HTH-H14-AL-610x1220-FC1/10L	U15	610x610x175	250	20,0	100	600	100
HTH-H14-AL-610x1220-FC1/10L	U15	610x762x175	250	25,0	100	750	100
HTH-H14-AX-305x305-FC2/10S	U15	610x915x175	315	30,0	100	900	100
UTH-U15-AX-610x1220-FC2/10L	U15	610x1220x175	315	40,0	100	1200	100

Other dimensions are available on request.



* For other pleat heights check the curves acc. to pleat code.

HTH-H14-AX-610x610-FC1/60M		
Filter Model	HEPA Hood	HTH
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	175mm	X
Filter Dimensions	WxH (mm)	610x610
Adj. Mechanism	Without	FC1
Pleat Code	PH;100mm	6
Gasket type	Without	0
Spigot Diameter	PH;250mm	M

ADVANCED FILTRATION FOR A BETTER FUTURE!

AIR FILTER TECHNOLOGY (EN1822)

HIGH CAPACITY HEPA NUCLEAR FILTER

(HH-NF)

Specifications

- Service life, less maintenance
- Low pressure drop, less energy consumption
- Large filter surface area up to 37 m²
- Compact design, space saving
- Rigid Metal frame, minimum risk of damage



Media; High quality glass fibre - H13 (EN1822)

Design; V-Modul

Frame type; Galvanized Steel

Separators; Hotmelt

Flammability Class; K2/F2 (K1/F1 available)

Max. Operating Temperature; 120°C

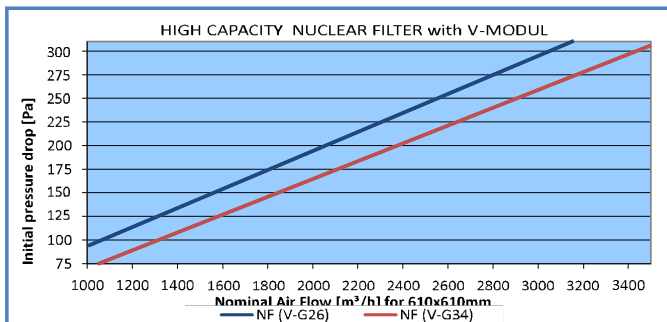
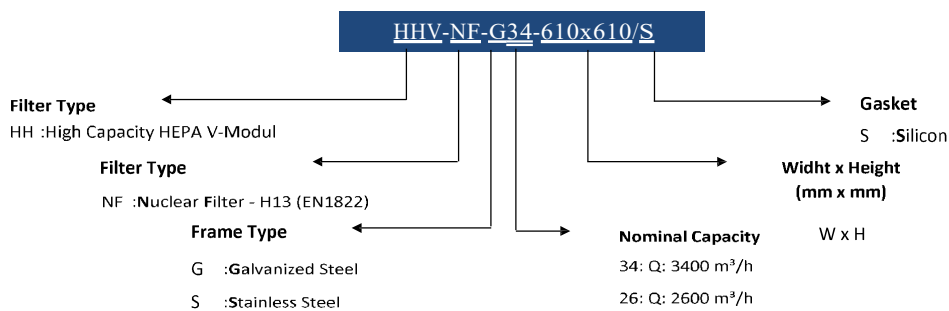
Gasket; Silicon

Max. Final Pressure Drop; 600 Pa

HH filters are manufactured according to international dimensions. They are designed for the special systems such as in supply and exhaust air systems in industry, clean room applications, medical and nuclear installations.

The glass fibre accordance with standards of ASME AG-1 and En1822.

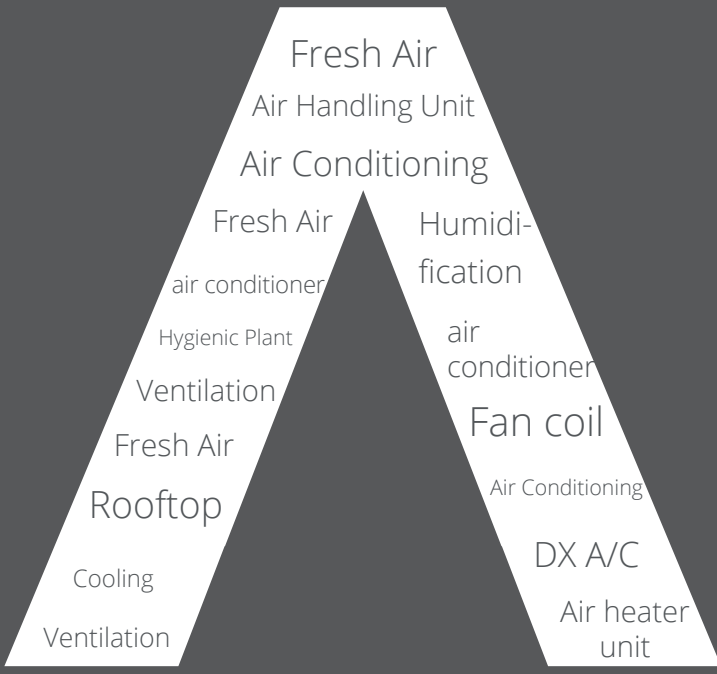
Filter Model	Dimensions WxHxD (mm)	Filtration Area (m ²)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
HH-NF-G26-305x305/S	305x305x292	6,5	650	250
HH-NF-G26-287x592/S	287x592x292	13,0	1300	250
HH-NF-G26-305x610/S	305x610x292	13,0	1300	250
HH-NF-G26-592x592/S	592x592x292	26,0	2600	250
HH-NF-G26-610x610/S	610x610x292	26,0	2600	250
HH-NF-G34-305x305/S	305x305x292	9,3	850	300
HH-NF-G34-287x592/S	287x592x292	18,5	1700	300
HH-NF-G34-305x610/S	305x610x292	18,5	1700	300
HH-NF-G34-592x592/S	592x592x292	37,0	3400	300
HH-NF-G34-610x610/S	610x610x292	37,0	3400	300



HH NF G26 305x610/S	

*According to 610x610 dimensions

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AIR+PLUS

Air Conditioning Technologies

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