HEPA CEILING FILTER

(ALUMINIUM FRAME)



Applications:
Final filter for cleanrooms and LAF Units
Life science
Healthcare
Microelectronics
Food & Beverages

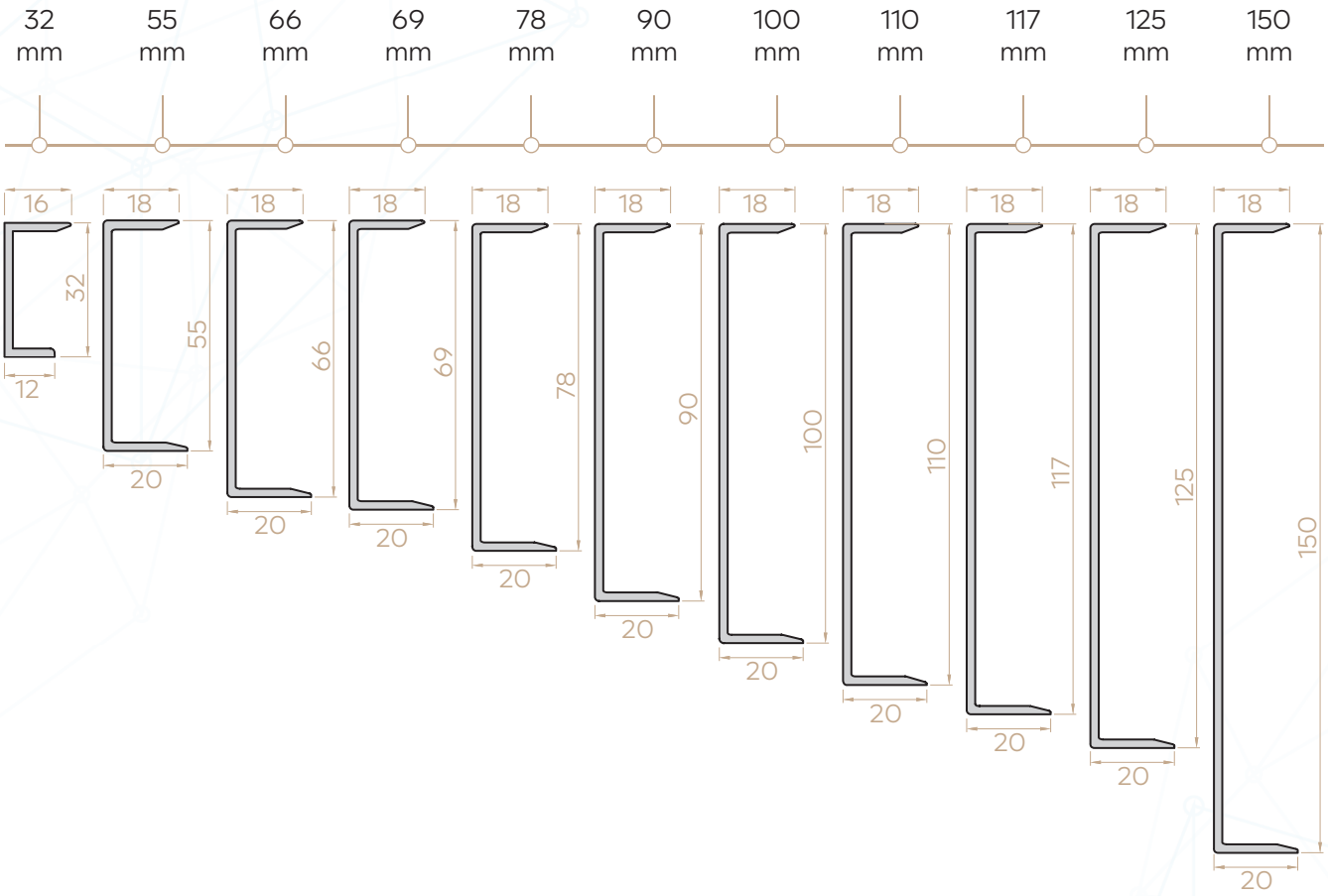
Highlights:

- High quality glass fiber media
- Guaranteed leak free
- Individiual test certificate (acc. to EN 1822 - ISO 29463)
- Optimized velocity distribution
- Less energy consumption
- Suitable for HEPA Boxes and Cabinets

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

Secure and Seal: HEPA Ceiling Filters in Leak-Proof Aluminum Frames

HEPA Ceiling Filters ensure a leak-proof design that offers superior performance and durability. Please review the detailed profile drawing for a comprehensive understanding of the filter frame's dimensions and design features. This will assist in choosing the perfect filter for your specific requirements.



*The technical drawings above represent standard Ulpatek aluminium profiles. Special aluminium profile designs can be manufactured based on customer requests, and aluminum profiles with varying depths can be produced. Both mold costs and production times may vary. Please discuss this matter with your sales representative.

GASKET

PU Foam Gasket



EPDM Gasket



HEPA CEILING FILTER (ALUMINIUM FRAME) HC 55

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-0-305-305-55-FB-P	H13	ISO 35 H	305x305x55	1,8	35	150	140
HC-H13-A-0-305-610-55-FB-P	H13	ISO 35 H	305x610x55	3,4	35	300	140
HC-H13-A-0-457-457-55-FB-P	H13	ISO 35 H	457x457x55	3,8	35	340	140
HC-H13-A-0-610-610-55-FB-P	H13	ISO 35 H	610x610x55	6,9	35	600	140
HC-H13-A-0-610-915-55-FB-P	H13	ISO 35 H	610x915x55	10,3	35	900	140
HC-H13-A-0-610-1220-55-FB-P	H13	ISO 35 H	610x1220x55	13,7	35	1200	140
HC-H13-A-0-610-1525-55-FB-P	H13	ISO 35 H	610x1525x55	17,1	35	1500	140
HC-H13-A-0-610-1830-55-FB-P	H13	ISO 35 H	610x1830x55	20,6	35	1800	140
HC-H14-A-0-305-305-55-FB-P	H14	ISO 45 H	305x305x55	1,8	35	150	180
HC-H14-A-0-305-610-55-FB-P	H14	ISO 45 H	305x610x55	3,4	35	300	180
HC-H14-A-0-457-457-55-FB-P	H14	ISO 45 H	457x457x55	3,8	35	340	180
HC-H14-A-0-610-610-55-FB-P	H14	ISO 45 H	610x610x55	6,9	35	600	180
HC-H14-A-0-610-915-55-FB-P	H14	ISO 45 H	610x915x55	10,3	35	900	180
HC-H14-A-0-610-1220-55-FB-P	H14	ISO 45 H	610x1220x55	13,7	35	1200	180
HC-H14-A-0-610-1525-55-FB-P	H14	ISO 45 H	610x1525x55	17,1	35	1500	180
HC-H14-A-0-610-1830-55-FB-P	H14	ISO 45 H	610x1830x55	20,6	35	1800	180

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

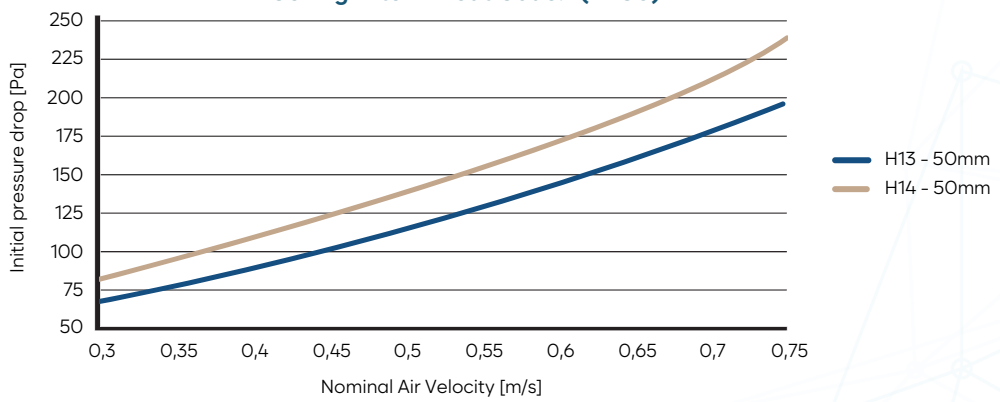
HEPA CEILING FILTER (ALUMINIUM FRAME) CODE CONFIGURATION

Filter Type	Filter Class	Frame	Pleat Height	Dimensions (mm)	Faceguard	Gasket
HC : HEPA Ceiling Filter - Aluminium Frame	H13 H14	A: Aluminium	0: 35 mm 1: 50 mm 2: 65 mm 3: 75 mm 4: 85 mm 5: 90 mm 6: 100 mm 7: 125 mm	610x610x55	FW: Without FC: On Clean Side FD: On Dirty Side FB: On Both Sides	W: Without P: Continuous Pu Foam PP: Pu Foam on Both Side E: EPDM Flat EE: EPDM Flat on Both Side C: Continuous Grey EPDM CC: Grey EPDM on Both Side U: U Gasket

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-1-305-305-66-FB-P	H13	ISO 35 H	305x305x66	2,3	50	150	100
HC-H13-A-1-305-610-66-FB-P	H13	ISO 35 H	305x610x66	4,5	50	300	100
HC-H13-A-1-457-457-66-FB-P	H13	ISO 35 H	457x457x66	5	50	340	100
HC-H13-A-1-610-610-66-FB-P	H13	ISO 35 H	610x610x66	9	50	600	100
HC-H13-A-1-610-915-66-FB-P	H13	ISO 35 H	610x915x66	13,5	50	900	100
HC-H13-A-1-610-1220-66-FB-P	H13	ISO 35 H	610x1220x66	18	50	1200	100
HC-H13-A-1-762-915-66-FB-P	H13	ISO 35 H	762x915x66	16,9	50	1130	100
HC-H13-A-1-915-915-66-FB-P	H13	ISO 35 H	915x915x66	20,3	50	1350	100
HC-H13-A-1-610-1525-66-FB-P	H13	ISO 35 H	610x1525x66	22,5	50	1500	100
HC-H13-A-1-610-1830-66-FB-P	H13	ISO 35 H	610x1830x66	27	50	1800	100
HC-H14-A-1-305-305-66-FB-P	H14	ISO 45 H	305x305x66	2,4	50	150	125
HC-H14-A-1-305-610-66-FB-P	H14	ISO 45 H	305x610x66	4,7	50	300	125
HC-H14-A-1-457-457-66-FB-P	H14	ISO 45 H	457x457x66	5,3	50	340	125
HC-H14-A-1-610-610-66-FB-P	H14	ISO 45 H	610x610x66	9,4	50	600	125
HC-H14-A-1-610-915-66-FB-P	H14	ISO 45 H	610x915x66	14	50	900	125
HC-H14-A-1-610-1220-66-FB-P	H14	ISO 45 H	610x1220x66	18,8	50	1200	125
HC-H14-A-1-762-915-66-FB-P	H14	ISO 45 H	762x915x66	17,6	50	1130	125
HC-H14-A-1-915-915-66-FB-P	H14	ISO 45 H	915x915x66	21,2	50	1350	125
HC-H14-A-1-610-1525-66-FB-P	H14	ISO 45 H	610x1525x66	23,5	50	1500	125
HC-H14-A-1-610-1830-66-FB-P	H14	ISO 45 H	610x1830x66	28,2	50	1800	125

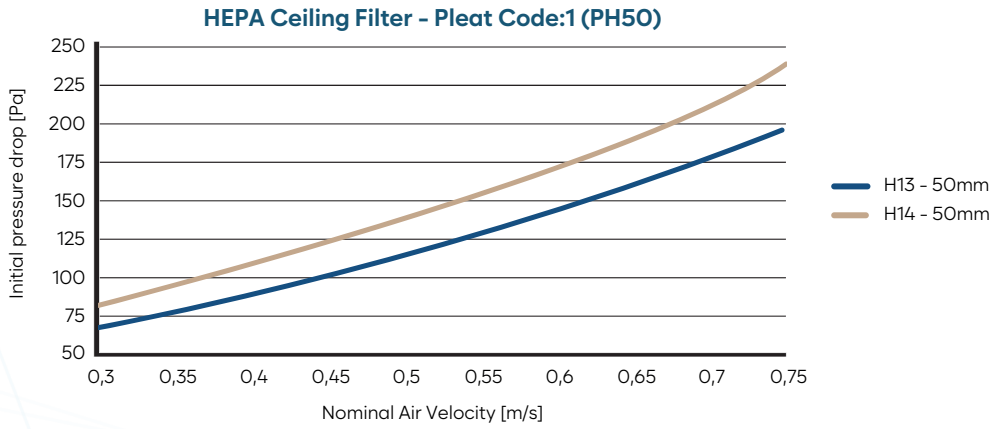
"Other dimensions are available on request."
"Differential Pressure Tolerance ±10%"

HEPA Ceiling Filter - Pleat Code:1 (PH50)



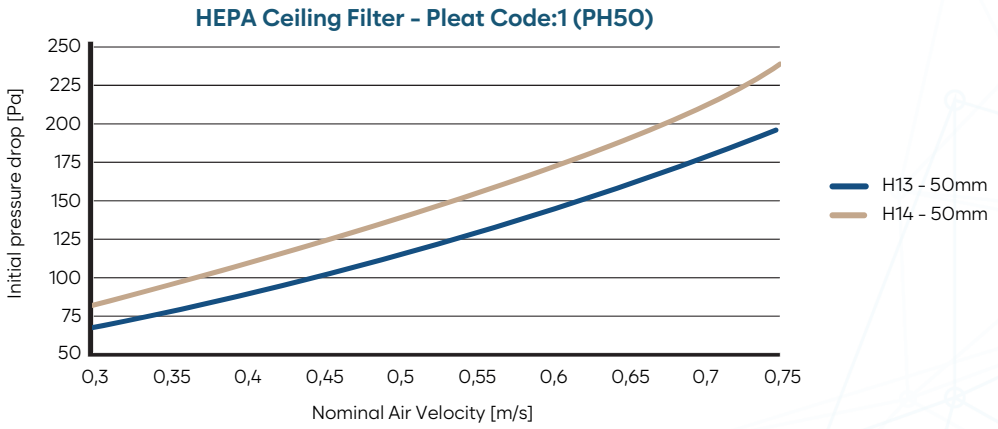
Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m^2)	Pleat Height (mm)	Nominal Airflow (m^3/h)	Initial Pressure Drop (Pa)
	EN 1822	ISO 29463					
HC-H13-A-1-305-305-69-FB-P	H13	ISO 35 H	305x305x69	2,3	50	150	100
HC-H13-A-1-305-610-69-FB-P	H13	ISO 35 H	305x610x69	4,5	50	300	100
HC-H13-A-1-457-457-69-FB-P	H13	ISO 35 H	457x457x69	5	50	340	100
HC-H13-A-1-610-610-69-FB-P	H13	ISO 35 H	610x610x69	9	50	600	100
HC-H13-A-1-610-915-69-FB-P	H13	ISO 35 H	610x915x69	13,5	50	900	100
HC-H13-A-1-610-1220-69-FB-P	H13	ISO 35 H	610x1220x69	18	50	1200	100
HC-H13-A-1-762-915-69-FB-P	H13	ISO 35 H	762x915x69	16,9	50	1130	100
HC-H13-A-1-915-915-69-FB-P	H13	ISO 35 H	915x915x69	20,3	50	1350	100
HC-H13-A-1-610-1525-69-FB-P	H13	ISO 35 H	610x1525x69	22,5	50	1500	100
HC-H13-A-1-610-1830-69-FB-P	H13	ISO 35 H	610x1830x69	27	50	1800	100
HC-H14-A-1-305-305-69-FB-P	H14	ISO 45 H	305x305x69	2,4	50	150	125
HC-H14-A-1-305-610-69-FB-P	H14	ISO 45 H	305x610x69	4,7	50	300	125
HC-H14-A-1-457-457-69-FB-P	H14	ISO 45 H	457x457x69	5,3	50	340	125
HC-H14-A-1-610-610-69-FB-P	H14	ISO 45 H	610x610x69	9,4	50	600	125
HC-H14-A-1-610-915-69-FB-P	H14	ISO 45 H	610x915x69	14	50	900	125
HC-H14-A-1-610-1220-69-FB-P	H14	ISO 45 H	610x1220x69	18,8	50	1200	125
HC-H14-A-1-762-915-69-FB-P	H14	ISO 45 H	762x915x69	17,6	50	1130	125
HC-H14-A-1-915-915-69-FB-P	H14	ISO 45 H	915x915x69	21,2	50	1350	125
HC-H14-A-1-610-1525-69-FB-P	H14	ISO 45 H	610x1525x69	23,5	50	1500	125
HC-H14-A-1-610-1830-69-FB-P	H14	ISO 45 H	610x1830x69	28,2	50	1800	125

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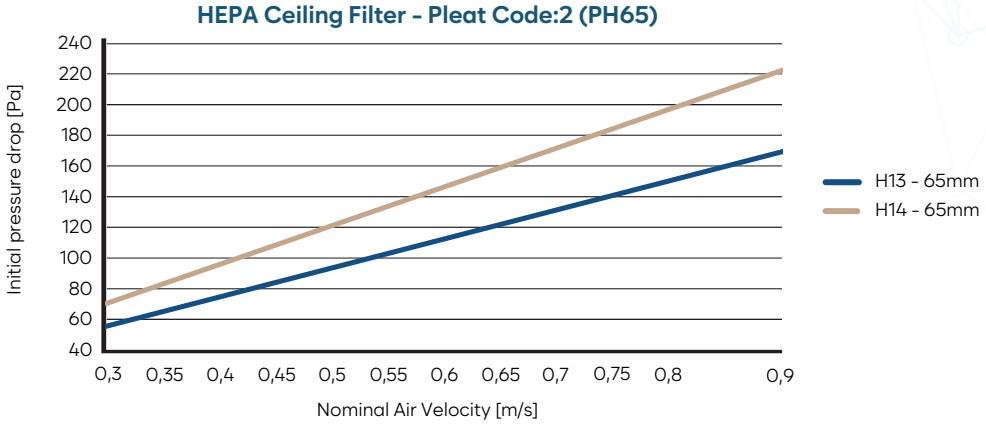
Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m^2)	Pleat Height (mm)	Nominal Airflow (m^3/h)	Initial Pressure Drop (Pa)
	EN 1822	ISO 29463					
HC-H13-A-1-305-305-78-FB-P	H13	ISO 35 H	305x305x78	2,3	50	150	100
HC-H13-A-1-305-610-78-FB-P	H13	ISO 35 H	305x610x78	4,5	50	300	100
HC-H13-A-1-457-457-78-FB-P	H13	ISO 35 H	457x457x78	5	50	340	100
HC-H13-A-1-610-610-78-FB-P	H13	ISO 35 H	610x610x78	9	50	600	100
HC-H13-A-1-610-915-78-FB-P	H13	ISO 35 H	610x915x78	13,5	50	900	100
HC-H13-A-1-610-1220-78-FB-P	H13	ISO 35 H	610x1220x78	18	50	1200	100
HC-H13-A-1-762-915-78-FB-P	H13	ISO 35 H	762x915x78	16,9	50	1130	100
HC-H13-A-1-915-915-78-FB-P	H13	ISO 35 H	915x915x78	20,3	50	1350	100
HC-H13-A-1-610-1525-78-FB-P	H13	ISO 35 H	610x1525x78	22,5	50	1500	100
HC-H13-A-1-610-1830-78-FB-P	H13	ISO 35 H	610x1830x78	27	50	1800	100
HC-H14-A-1-305-305-78-FB-P	H14	ISO 45 H	305x305x78	2,4	50	150	125
HC-H14-A-1-305-610-78-FB-P	H14	ISO 45 H	305x610x78	4,7	50	300	125
HC-H14-A-1-457-457-78-FB-P	H14	ISO 45 H	457x457x78	5,3	50	340	125
HC-H14-A-1-610-610-78-FB-P	H14	ISO 45 H	610x610x78	9,4	50	600	125
HC-H14-A-1-610-915-78-FB-P	H14	ISO 45 H	610x915x78	14	50	900	125
HC-H14-A-1-610-1220-78-FB-P	H14	ISO 45 H	610x1220x78	18,8	50	1200	125
HC-H14-A-1-762-915-78-FB-P	H14	ISO 45 H	762x915x78	17,6	50	1130	125
HC-H14-A-1-915-915-78-FB-P	H14	ISO 45 H	915x915x78	21,2	50	1350	125
HC-H14-A-1-610-1525-78-FB-P	H14	ISO 45 H	610x1525x78	23,5	50	1500	125
HC-H14-A-1-610-1830-78-FB-P	H14	ISO 45 H	610x1830x78	28,2	50	1800	125

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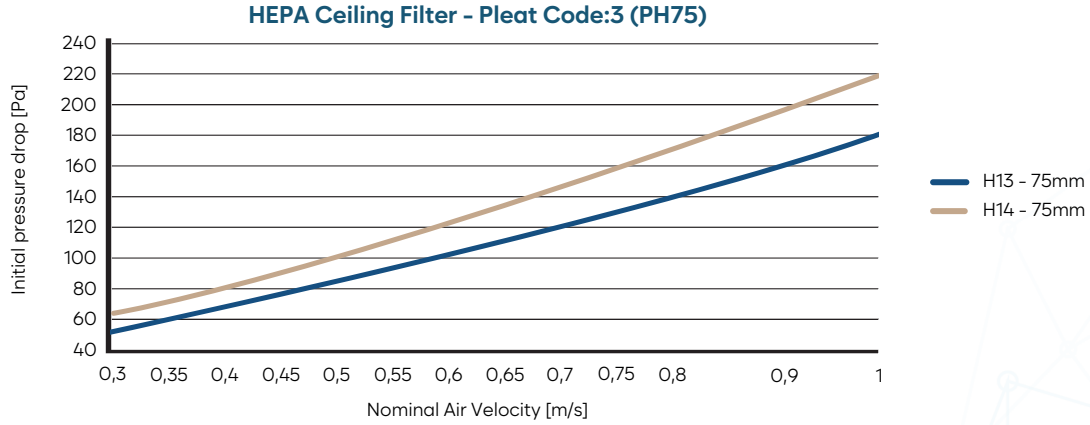
Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m^2)	Pleat Height (mm)	Nominal Airflow (m^3/h)	Initial Pressure Drop (Pa)
	EN 1822	ISO 29463					
HC-H13-A-2-305-305-90-FB-P	H13	ISO 35 H	305x305x90	2,9	65	150	85
HC-H13-A-2-305-610-90-FB-P	H13	ISO 35 H	305x610x90	5,8	65	300	85
HC-H13-A-2-457-457-90-FB-P	H13	ISO 35 H	457x457x90	6,6	65	340	85
HC-H13-A-2-610-610-90-FB-P	H13	ISO 35 H	610x610x90	11,7	65	600	85
HC-H13-A-2-610-915-90-FB-P	H13	ISO 35 H	610x915x90	17,5	65	900	85
HC-H13-A-2-610-1220-90-FB-P	H13	ISO 35 H	610x1220x90	23,4	65	1200	85
HC-H14-A-2-305-305-90-FB-P	H14	ISO 45 H	305x305x90	3	65	150	110
HC-H14-A-2-305-610-90-FB-P	H14	ISO 45 H	305x610x90	6	65	300	110
HC-H14-A-2-457-457-90-FB-P	H14	ISO 45 H	457x457x90	6,9	65	340	110
HC-H14-A-2-610-610-90-FB-P	H14	ISO 45 H	610x610x90	12,2	65	600	110
HC-H14-A-2-610-915-90-FB-P	H14	ISO 45 H	610x915x90	18,3	65	900	110
HC-H14-A-2-610-1220-90-FB-P	H14	ISO 45 H	610x1220x90	23,4	65	1200	110

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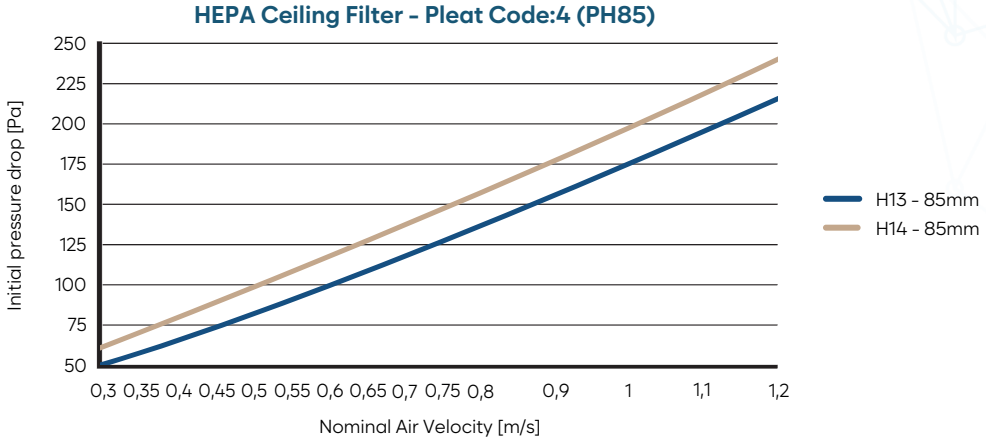
Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m^2)	Pleat Height (mm)	Nominal Airflow (m^3/h)	Initial Pressure Drop (Pa)
	EN 1822	ISO 29463					
HC-H13-A-3-305-305-100-FB-P	H13	ISO 35 H	305x305x100	3,4	75	150	75
HC-H13-A-3-305-610-100-FB-P	H13	ISO 35 H	305x610x100	6,8	75	300	75
HC-H13-A-3-457-457-100-FB-P	H13	ISO 35 H	457x457x100	7,6	75	340	75
HC-H13-A-3-610-610-100-FB-P	H13	ISO 35 H	610x610x100	13,5	75	600	75
HC-H13-A-3-610-915-100-FB-P	H13	ISO 35 H	610x915x100	20,3	75	900	75
HC-H13-A-3-610-1220-100-FB-P	H13	ISO 35 H	610x1220x100	27	75	1200	75
HC-H14-A-3-305-305-100-FB-P	H14	ISO 45 H	305x305x100	3,5	75	150	90
HC-H14-A-3-305-610-100-FB-P	H14	ISO 45 H	305x610x100	7	75	300	90
HC-H14-A-3-457-457-100-FB-P	H14	ISO 45 H	457x457x100	7,9	75	340	90
HC-H14-A-3-610-610-100-FB-P	H14	ISO 45 H	610x610x100	14	75	600	90
HC-H14-A-3-610-915-100-FB-P	H14	ISO 45 H	610x915x100	21,2	75	900	90
HC-H14-A-3-610-1220-100-FB-P	H14	ISO 45 H	610x1220x100	28,2	75	1200	90

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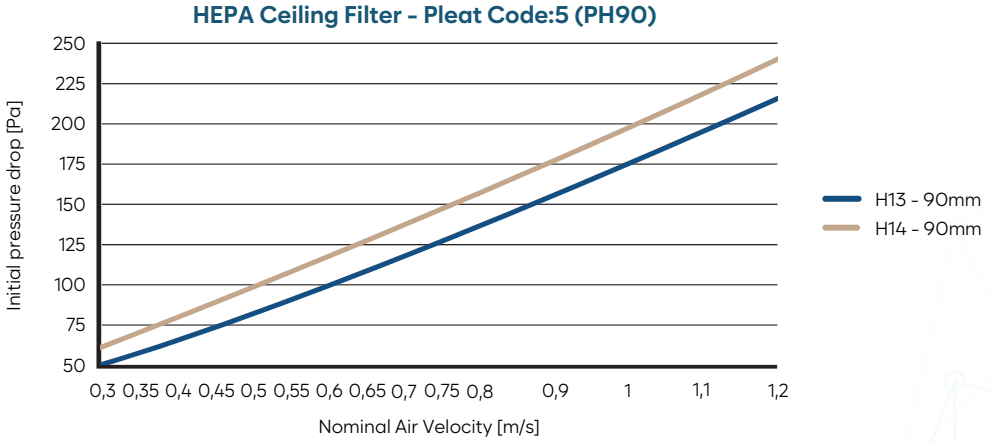
Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m^2)	Pleat Height (mm)	Nominal Airflow (m^3/h)	Initial Pressure Drop (Pa)
	EN 1822	ISO 29463					
HC-H13-A-4-305-305-110-FB-P	H13	ISO 35 H	305x305x110	3,8	85	150	70
HC-H13-A-4-305-610-110-FB-P	H13	ISO 35 H	305x610x110	7,6	85	300	70
HC-H13-A-4-457-457-110-FB-P	H13	ISO 35 H	457x457x110	8,6	85	340	70
HC-H13-A-4-610-610-110-FB-P	H13	ISO 35 H	610x610x110	15,3	85	600	70
HC-H13-A-4-610-915-110-FB-P	H13	ISO 35 H	610x915x110	22,9	85	900	70
HC-H13-A-4-610-1220-110-FB-P	H13	ISO 35 H	610x1220x110	30,6	85	1200	70
HC-H14-A-4-305-305-110-FB-P	H14	ISO 45 H	305x305x110	4	85	150	85
HC-H14-A-4-305-610-110-FB-P	H13	ISO 45 H	305x610x110	8	85	300	85
HC-H14-A-4-457-457-110-FB-P	H14	ISO 45 H	457x457x110	9	85	340	85
HC-H14-A-4-610-610-110-FB-P	H14	ISO 45 H	610x610x110	16	85	600	85
HC-H14-A-4-610-915-110-FB-P	H14	ISO 45 H	610x915x110	24	85	900	85
HC-H14-A-4-610-1220-110-FB-P	H14	ISO 45 H	610x1220x110	32	85	1200	85

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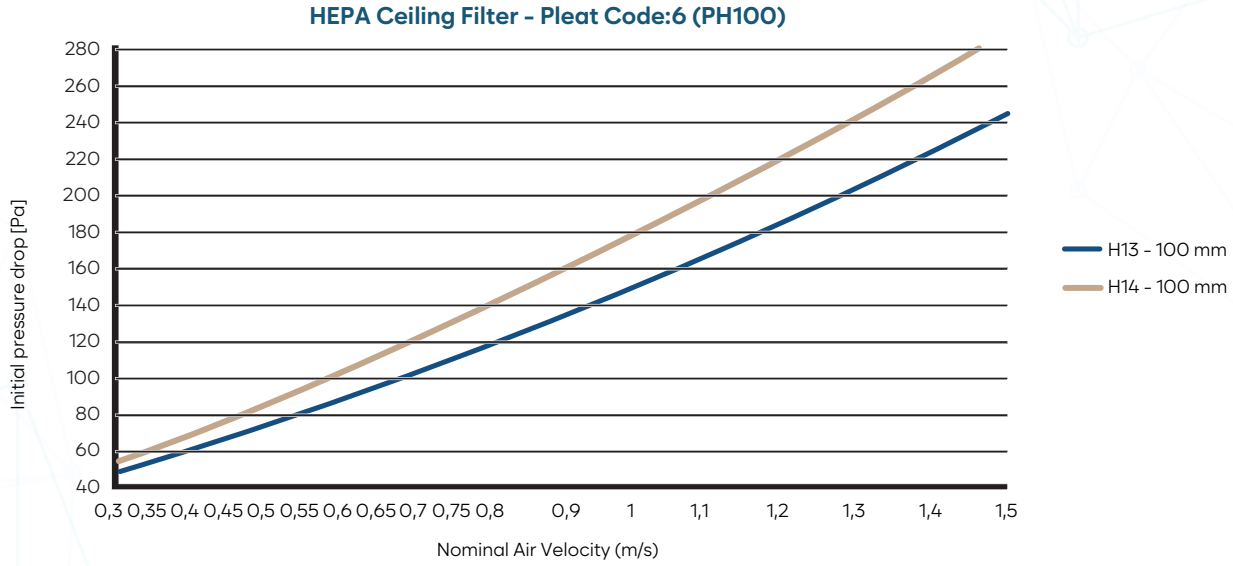
Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m^2)	Pleat Height (mm)	Nominal Airflow (m^3/h)	Initial Pressure Drop (Pa)
	EN 1822	ISO 29463					
HC-H13-A-5-305-305-117-FB-P	H13	ISO 35 H	305x305x117	3,8	90	150	70
HC-H13-A-5-305-610-117-FB-P	H13	ISO 35 H	305x610x117	7,6	90	300	70
HC-H13-A-5-457-457-117-FB-P	H13	ISO 35 H	457x457x117	8,6	90	340	70
HC-H13-A-5-610-610-117-FB-P	H13	ISO 35 H	610x610x117	15,3	90	600	70
HC-H13-A-5-610-915-117-FB-P	H13	ISO 35 H	610x915x117	22,9	90	900	70
HC-H13-A-5-610-1220-117-FB-P	H13	ISO 35 H	610x1220x117	30,6	90	1200	70
HC-H14-A-5-305-305-117-FB-P	H14	ISO 45 H	305x305x117	4	90	150	85
HC-H14-A-5-305-610-117-FB-P	H14	ISO 45 H	305x610x117	8	90	300	85
HC-H14-A-5-457-457-117-FB-P	H14	ISO 45 H	457x457x117	9	90	340	85
HC-H14-A-5-610-610-117-FB-P	H14	ISO 45 H	610x610x117	16	90	600	85
HC-H14-A-5-610-915-117-FB-P	H14	ISO 45 H	610x915x117	24	90	900	85
HC-H14-A-5-610-1220-117-FB-P	H14	ISO 45 H	610x1220x117	32	90	1200	85

"Other dimensions are available on request."
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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-6-305-305-125-FB-P	H13	ISO 35 H	305x305x125	4,5	100	150	65
HC-H13-A-6-305-610-125-FB-P	H13	ISO 35 H	305x610x125	9	100	300	65
HC-H13-A-6-457-457-125-FB-P	H13	ISO 35 H	457x457x125	10	100	340	65
HC-H13-A-6-610-610-125-FB-P	H13	ISO 35 H	610x610x125	18	100	600	65
HC-H13-A-6-610-915-125-FB-P	H13	ISO 35 H	610x915x125	27	100	900	65
HC-H13-A-6-610-1220-125-FB-P	H13	ISO 35 H	610x1220x125	36	100	1200	65
HC-H14-A-6-305-305-125-FB-P	H14	ISO 45 H	305x305x125	4,7	100	150	80
HC-H14-A-6-305-610-125-FB-P	H14	ISO 45 H	305x610x125	9,4	100	300	80
HC-H14-A-6-457-457-125-FB-P	H14	ISO 45 H	457x457x125	10,5	100	340	80
HC-H14-A-6-610-610-125-FB-P	H14	ISO 45 H	610x610x125	18,8	100	600	80
HC-H14-A-6-610-915-125-FB-P	H14	ISO 45 H	610x915x125	28,2	100	900	80
HC-H14-A-6-610-1220-125-FB-P	H14	ISO 45 H	610x1220x125	37,6	100	1200	80

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



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-7-305-305-150-FB-P	H13	ISO 35 H	305x305x150	5,6	125	150	55
HC-H13-A-7-305-610-150-FB-P	H13	ISO 35 H	305x610x150	11,3	125	300	55
HC-H13-A-7-457-457-150-FB-P	H13	ISO 35 H	457x457x150	12,6	125	340	55
HC-H13-A-7-610-610-150-FB-P	H13	ISO 35 H	610x610x150	22,5	125	600	55
HC-H13-A-7-610-915-150-FB-P	H13	ISO 35 H	610x915x150	33,8	125	900	55
HC-H13-A-7-610-1220-150-FB-P	H13	ISO 35 H	610x1220x150	45	125	1200	55
HC-H14-A-7-305-305-150-FB-P	H14	ISO 45 H	305x305x150	5,9	125	150	70
HC-H14-A-7-305-610-150-FB-P	H14	ISO 45 H	305x610x150	11,8	125	300	70
HC-H14-A-7-457-457-150-FB-P	H14	ISO 45 H	457x457x150	13,2	125	340	70
HC-H14-A-7-610-610-150-FB-P	H14	ISO 45 H	610x610x150	23,5	125	600	70
HC-H14-A-7-610-915-150-FB-P	H14	ISO 45 H	610x915x150	35,3	125	900	70
HC-H14-A-7-610-1220-150-FB-P	H14	ISO 45 H	610x1220x150	47	125	1200	70

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

HEPA Ceiling Filter - Pleat Code:7 (PH125)

