

AIR FILTER TECHNOLOGY (EN1822)

GEL TYPE HEPA/ULPA CEILING FILTER with Aluminium Frame

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
Sealing Compound; Two component polyurethane
Frame type; Anodized, extruded aluminium
Faceguard; Aluminium sheet, powder coated
Gasket; GEL

Media; High quality glass fibre
Separators; Hotmelt
Flammability Class; K2/F2 for normal Temp.
Max. Final Pressure Drop; 600 Pa
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		

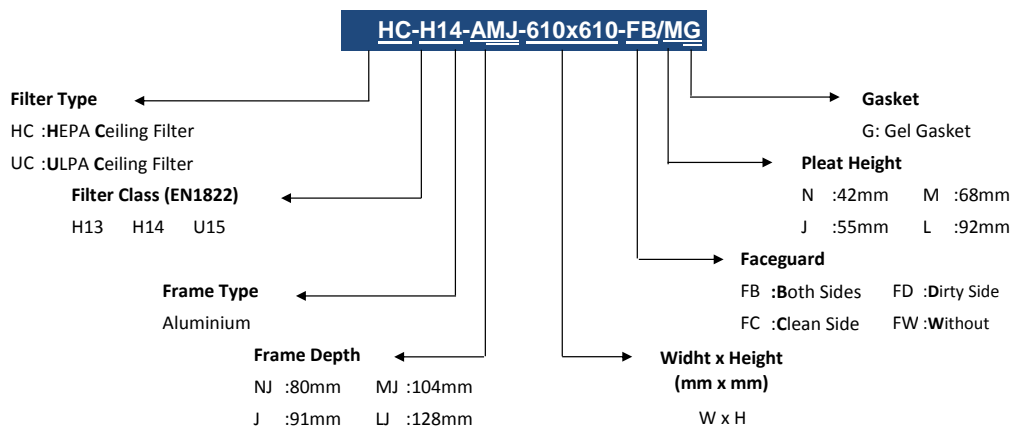
High-efficiency HEPA Ceiling Gel Type filters protect people, equipment and processes from airborne particulate contamination. Gel Type HEPA Ceiling filters are used in air ventilation and air conditioning plants requiring high or very high levels of air purity. They are designed for clean room ceilings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



ADVANCED FILTRATION FOR A BETTER FUTURE!

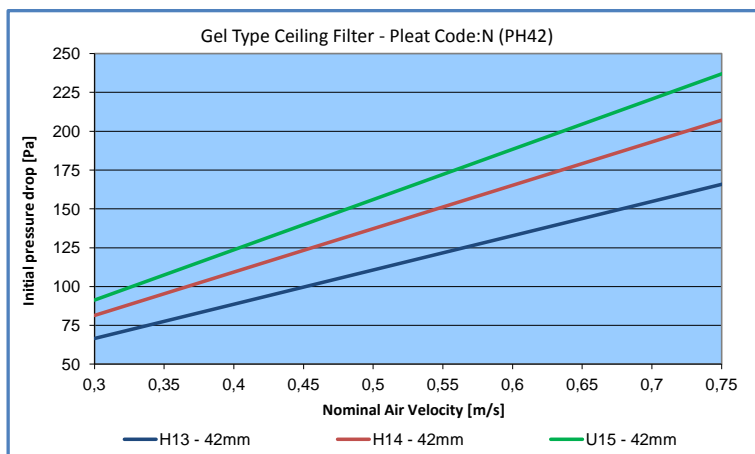
AIR FILTER TECHNOLOGY (EN1822)

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-305x305-FB/NG	H13	305x305x80	2,3	42	150	100
HC-H13-ANJ-305x610-FB/NG	H13	305x610x80	4,5	42	300	100
HC-H13-ANJ-457x457-FB/NG	H13	457x457x80	5,1	42	340	100
HC-H13-ANJ-610x610-FB/NG	H13	610x610x80	9,0	42	600	100
HC-H13-ANJ-610x762-FB/NG	H13	610x762x80	11,2	42	750	100
HC-H13-ANJ-610x915-FB/NG	H13	610x915x80	13,5	42	900	100
HC-H13-ANJ-610x1220-FB/NG	H13	610x1220x80	18,0	42	1200	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



ADVANCED FILTRATION FOR A BETTER FUTURE!

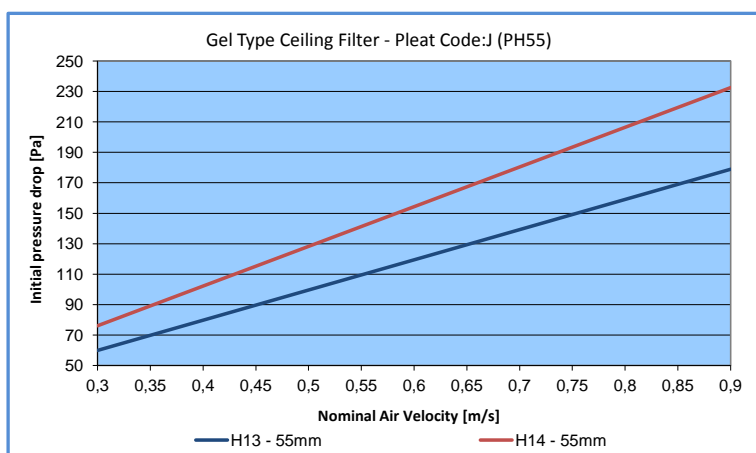
AIR FILTER TECHNOLOGY (EN1822)

GEL TYPE HEPA/ULPA CEILING FILTER with Aluminium Frame

(AJ;91mm - PH;55mm)

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



ADVANCED FILTRATION FOR A BETTER FUTURE!

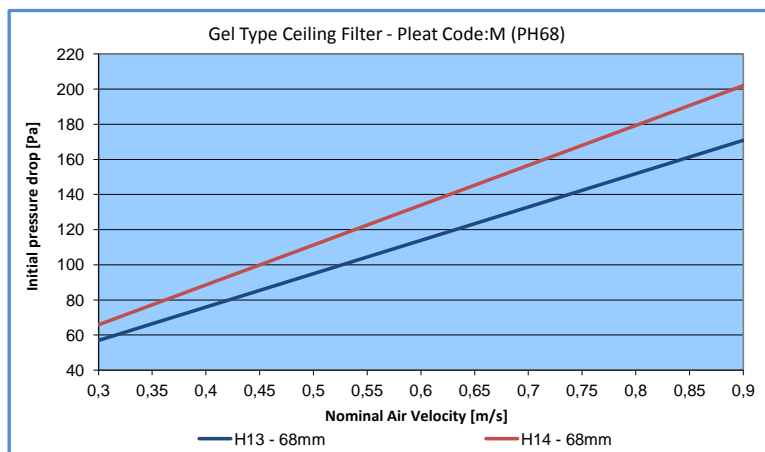
AIR FILTER TECHNOLOGY (EN1822)

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-AMJ-305x305-FB/MG	H13	305x305x104	3,1	68	150	85
HC-H13-AMJ-305x610-FB/MG	H13	305x610x104	6,2	68	300	85
HC-H13-AMJ-457x457-FB/MG	H13	457x457x104	7,0	68	340	85
HC-H13-AMJ-610x610-FB/MG	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



ADVANCED FILTRATION FOR A BETTER FUTURE!

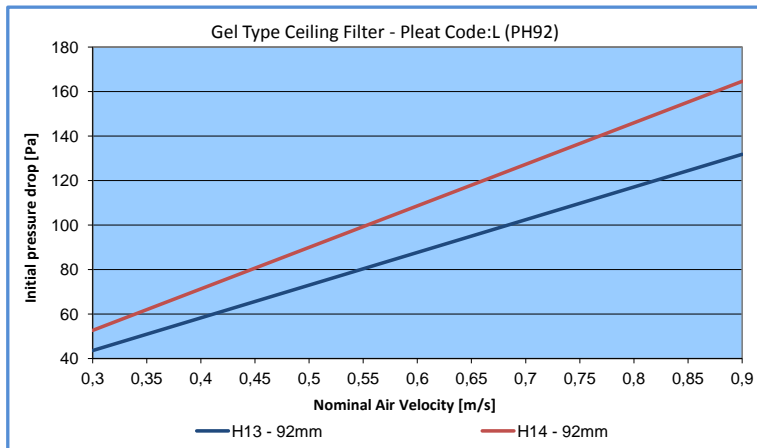
AIR FILTER TECHNOLOGY (EN1822)

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-H13-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-H13-ALJ-457x457-FB/LG	H13	457x457x128	10,1	92	340	65
HC-H13-ALJ-610x610-FB/LG	H13	610x610x128	18,0	92	600	65
HC-H13-ALJ-610x762-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



ADVANCED FILTRATION FOR A BETTER FUTURE!