

HEPA PANEL FILTER WITH GEL SEALANT



Specifications

- Optimized velocity distribution
- Polyurethane Gel gasket
- Low pressure drop, less energy consumption
- Various frame sizes with any dimensions
- Guaranteed leak-free
- Suitable for knife edge frame systems
- Available in all grades
- 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; K1/F1 for normal Temp.

Faceguard; Aluminium sheet, powder coated

Max. Final Pressure Drop; 600 Pa








Gasket; GEL

Max. Operating Temperature; 75°C

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.

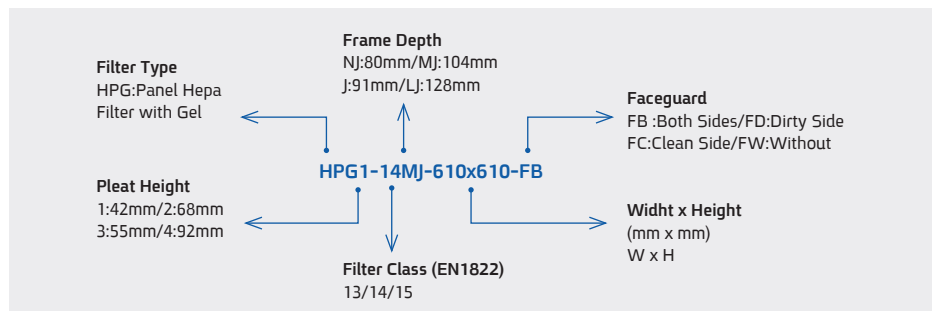
Applications: Industrial processes like microelectronics, medicine, pharma, the food industry, microbiology, chemistry, laboratories, hospital and hospital operating theatres, laminar flow boxes, fan filter units, nuclear energy and nuclear research

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.

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%





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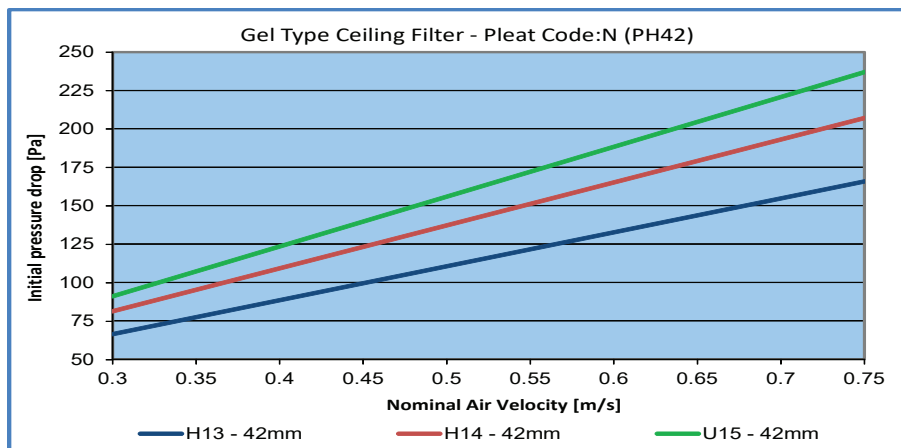
HEPA PANEL FILTER WITH GEL SEALANT

(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)
HPG1-13NJ-305x305-FB	H13	305x305x80	2.3	42	150	100
HPG1-13NJ-305x610-FB	H13	305x610x80	4.5	42	300	100
HPG1-13NJ-457x457-FB	H13	457x457x80	5.1	42	340	100
HPG1-13NJ-610x610-FB	H13	610x610x80	9.0	42	600	100
HPG1-13NJ-610x762-FB	H13	610x762x80	11.2	42	750	100
HPG1-13NJ-610x915-FB	H13	610x915x80	13.5	42	900	100
HPG1-13NJ-610x1220-FB	H13	610x1220x80	18.0	42	1200	100
HPG1-14NJ-305x305-FB	H14	305x305x80	2.4	42	150	125
HPG1-14NJ-305x610-FB	H14	305x610x80	4.7	42	300	125
HPG1-14NJ-457x457-FB	H14	457x457x80	5.3	42	340	125
HC-H14NJ-610x610-FB/NG	H14	610x610x80	9.4	42	600	125
HPG1-14NJ-610x762-FB	H14	610x762x80	11.7	42	750	125
HPG1-14NJ-610x915-FB	H14	610x915x80	14.1	42	900	125
HPG1-14NJ-610x1220-FB	H14	610x1220x80	18.8	42	1200	125
HPG1-15NJ-305x305-FB	U15	305x305x80	2.5	42	150	140
HPG1-15NJ-305x610-FB	U15	305x610x80	5.0	42	300	140
HPG1-15NJ-457x457-FB	U15	457x457x80	5.6	42	340	140
HPG1-15NJ-610x610-FB	U15	610x610x80	10.0	42	600	140
HPG1-15NJ-610x762-FB	U15	610x762x80	12.5	42	750	140
HPG1-15NJ-610x915-FB	U15	610x915x80	15.0	42	900	140
HPG1-15NJ-610x1220-FB	U15	610x1220x80	20.0	42	1200	140

* Other Dimensions are available on request.



HPG1-14NJ-610x610-FB		
Filter Model	Hepa Ceiling	HPG
Pleat Code	PH:42mm	1
Filter Class	H14 (EN1822)	14
Filter Depth	80mm	NJ
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Both Sides	FB



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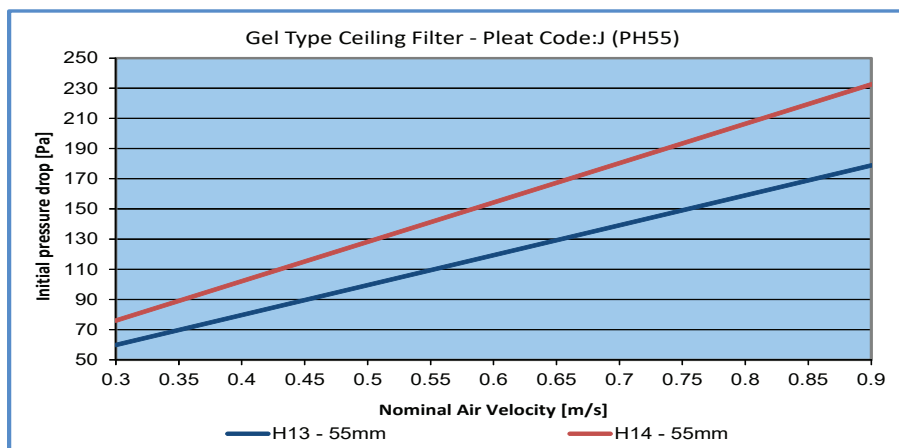
HEPA PANEL FILTER WITH GEL SEALANT

(A);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)
HPG3-13J-305x305-FB	H13	305x305x91	2.7	55	150	90
HPG3-13J-305x610-FB	H13	305x610x91	5.4	55	300	90
HPG3-13J-457x457-FB	H13	457x457x91	6.0	55	340	90
HPG3-13J-610x610-FB	H13	610x610x91	10.7	55	600	90
HPG3-13J-610x762-FB	H13	610x762x91	13.4	55	750	90
HPG3-13J-610x915-FB	H13	610x915x91	16.1	55	900	90
HPG3-13J-610x1220-FB	H13	610x1220x91	21.4	55	1200	90
HPG3-14J-305x305-FB	H14	305x305x91	2.8	55	150	115
HPG3-14J-305x610-FB	H14	305x610x91	5.6	55	300	115
HPG3-14J-457x457-FB	H14	457x457x91	6.3	55	340	115
HPG3-14J-610x610-FB	H14	610x610x91	11.3	55	600	115
HPG3-14J-610x762-FB	H14	610x762x91	14.1	55	750	115
HPG3-14J-610x915-FB	H14	610x915x91	16.9	55	900	115
HPG3-14J-610x1220-FB	H14	610x1220x91	22.5	55	1200	115
HPG3-15J-305x305-FB	U15	305x305x91	3.0	55	150	125
HPG3-15J-305x610-FB	U15	305x610x91	6.0	55	300	125
HPG3-15J-457x457-FB	U15	457x457x91	6.7	55	340	125
HPG3-15J-610x610-FB	U15	610x610x91	12.0	55	600	125
HPG3-15J-610x762-FB	U15	610x762x91	15.0	55	750	125
HPG3-15J-610x915-FB	U15	610x915x91	18.0	55	900	125
HPG3-15J-610x1220-FB	U15	610x1220x91	24.0	55	1200	125

* Other Dimensions are available on request.



HPG3-14J-610x610-FB		
Filter Model	Hepa Ceiling	HPG
Pleat Code	PH:55mm	3
Filter Class	H14 (EN1822)	14
Filter Depth	91mm	J
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Both Sides	FB



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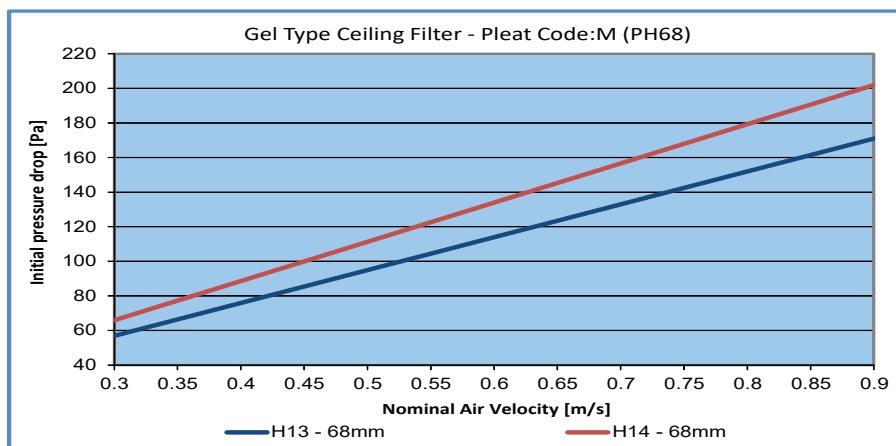
HEPA PANEL FILTER WITH GEL SEALANT

(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)
HPG2-13MJ-305x305-FC	H13	305x305x104	3.1	68	150	85
HPG2-13MJ-305x610-FC	H13	305x610x104	6.2	68	300	85
HPG2-13MJ-457x457-FC	H13	457x457x104	7.0	68	340	85
HPG2-13MJ-610x610-FC	H13	610x610x104	12.4	68	600	85
HPG2-13MJ-610x762-FC	H13	610x762x104	15.5	68	750	85
HPG2-13MJ-610x915-FC	H13	610x915x104	18.6	68	900	85
HPG2-13MJ-610x1220-FC	H13	610x1220x104	24.8	68	1200	85
HPG2-14MJ-305x305-FC	H14	305x305x104	3.3	68	150	100
HPG2-14MJ-305x610-FC	H14	305x610x104	6.6	68	300	100
HPG2-14MJ-457x457-FC	H14	457x457x104	7.4	68	340	100
HPG2-14MJ-610x610-FC	H14	610x610x104	13.1	68	600	100
HPG2-14MJ-610x762-FC	H14	610x762x104	16.4	68	750	100
HPG2-14MJ-610x915-FC	H14	610x915x104	19.7	68	900	100
HPG2-14MJ-610x1220-FC	H14	610x1220x104	26.7	68	1200	100
HPG2-15MJ-305x305-FC	U15	305x305x104	3.5	68	150	115
HPG2-15MJ-305x610-FC	U15	305x610x104	7.0	68	300	115
HPG2-15MJ-457x457-FC	U15	457x457x104	7.9	68	340	115
HPG2-15MJ-610x610-FC	U15	610x610x104	14.0	68	600	115
HPG2-15MJ-610x762-FC	U15	610x762x104	17.5	68	750	115
HPG2-15MJ-610x915-FC	U15	610x915x104	21.0	68	900	115
HPG2-15MJ-610x1220-FC	U15	610x1220x104	28.0	68	1200	115

* Other Dimensions are available on request.



HPG2-14MJ-610x610-FB		
Filter Model	Hepa Ceiling	HPG
Pleat Code	PH:68mm	2
Filter Class	H14 (EN1822)	14
Filter Depth	104mm	MJ
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Both Sides	FB



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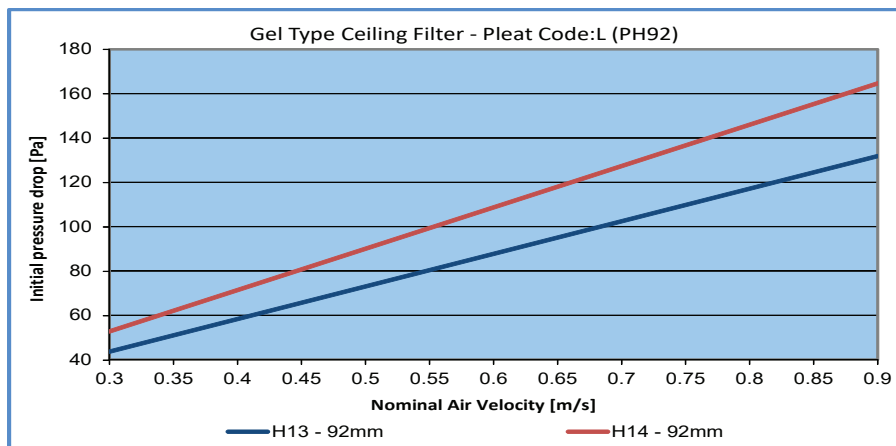
HEPA PANEL FILTER WITH GEL SEALANT

(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)
HPG4-13LJ-305x305-FB	H13	305x305x128	4.5	92	150	65
HPG4-13LJ-305x610-FB	H13	305x610x128	9.0	92	300	65
HPG4-13LJ-457x457-FB	H13	457x457x128	10.1	92	340	65
HPG4-13LJ-610x610-FB	H13	610x610x128	18.0	92	600	65
HPG4-13LJ-610x762-FB	H13	610x762x128	22.5	92	750	65
HPG4-13LJ-610x915-FB	H13	610x915x128	27.0	92	900	65
HPG4-13LJ-610x1220-FB	H13	610x1220x128	36.0	92	1200	65
HPG4-14LJ-305x305-FB	H14	305x305x128	4.7	92	150	80
HPG4-14LJ-305x610-FB	H14	305x610x128	9.4	92	300	80
HPG4-14LJ-457x457-FB	H14	457x457x128	10.6	92	340	80
HPG4-14LJ-610x610-FB	H14	610x610x128	18.8	92	600	80
HPG4-14LJ-610x762-FB	H14	610x762x128	23.5	92	750	80
HPG4-14LJ-610x915-FB	H14	610x915x128	28.2	92	900	80
HPG4-14LJ-610x1220-FB	H14	610x1220x128	37.6	92	1200	80
HPG4-15LJ-305x305-FB	U15	305x305x128	5.0	92	150	100
HPG4-15LJ-305x610-FB	U15	305x610x128	10.0	92	300	100
HPG4-15LJ-457x457-FB	U15	457x457x128	11.2	92	340	100
HPG4-15LJ-610x610-FB	U15	610x610x128	20.0	92	600	100
HPG4-15LJ-610x762-FB	U15	610x762x128	25.0	92	750	100
HPG4-15LJ-610x915-FB	U15	610x915x128	30.0	92	900	100
HPG4-15LJ-610x1220-FB	U15	610x1220x128	40.0	92	1200	100

* Other Dimensions are available on request.



HPG4-14LJ-610x610-FB		
Filter Model	Hepa Ceiling	HPG
Pleat Code	PH:92mm	4
Filter Class	H14 (EN1822)	14
Filter Depth	128mm	LJ
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Both Sides	FB