

Clairo HEPA LF GS - Mini Pleated Gel Seal HEPA Filters

Clairo HEPA LF GS are HEPA filters with mini pleat separators and are having gel seal gasketing. It is made from micro-fine fiberglass paper media and comes with metal or MDF frames. Filters are available in H12, H13, H14 and U15 efficiencies. There are two variants in the GS - box style and GSF - Flange Style. Section depths in GS types are 81mm, 117mm and 128mm. GSF has got 75mm and 90mm depths.

Clairon Models

Clairo HEPA LF GS / GSF

Mini Pleated box or flange style filters
Available in H12, H13, H14 and U15 grades
Anodized Aluminium frame
Blue Gel seal to ensure leak free performance



MEDIA FEATURES AND TECHNICAL DETAILS

Filter Media

Clairo HEPA LF GS/GSF series filters are manufactured from continuous length superior quality micro glass fiber paper media available in various efficiency grades. The filter media is moisture resistant and fire retardant. Anti-microbial treated papers are also available upon request. Media is pleated to uniform and closed pleat filter pack grants a high crossing surface to hold the very fine dusts.

Filter Frames

The Mini-Pleat filters construction shall have extruded anodized aluminium profiles. Filters are provided with an expanded metal mesh face guards on downstream side or on both sides (optional). Frames are available in box style (GS) and Flange Style (GSF).

Sealant & Gaskets

The pleated media pack is encapsulated into the filter frame utilizing a two part high density fire retardant urethane elastomer. Geal seal gasket is applied on the del tracks provided in the sections. This will be in air entry side of both flange and box style filters. Gel seal tracks is fitted into a blade portion in the housing section leaving no chance of perimeter leakage.

Media Separators

The Mini-Pleat absolute filters Clairo HEPA LF GS series filters consist of closely pleated media, positively spaced using thermosetting beads. This type of pleat separation allows optimum media utilization and offers very low pressure drops .

Filter Testing

The finished filters undergoes a thorough quality checking .They are scan tested individually to ensure a leak proof performance and each filter posses the label showing the scan test result on it. We have testing facilities as per EN1822 and American Standard IEST-RP-CC001.3. Testing of filters can be done according to the customer's request.

Selection Chart ▼

Sizes (mm)	Rated Airflow Capacity CMH & IPD @ 0.5 m/s				Sizes (mm)	Rated Airflow Capacity CMH & IPD @ 0.5 m/s			
LF GS	H11-98%	H13-99.99%	H14-99.999%	U15-99.9995%	LF GSF	H11-98%	H13-99.99%	H14-99.999%	U15-99.9995%
305 x 610 x 81	340 / 100	340 / 120	340 / 124	340 / 170	305 x 610 x 75	300 / 100	300 / 130	300 / 140	300 / 190
610 x 610 x 81	680 / 100	680 / 120	680 / 124	680 / 170	610 x 610 x 75	600 / 100	600 / 130	600 / 140	600 / 190
610 x 610 x 117	680 / 80	680 / 90	680 / 120	680 / 160	305 x 610 x 90	300 / 95	300 / 120	300 / 130	300 / 180
610 x 610 x 128	680 / 80	680 / 90	680 / 120	680 / 160	610 x 610 x 90	600 / 95	600 / 120	600 / 130	600 / 180

● Final Pressure Drop - 400 Pa ● Maximum Operating Temperature / Humidity - 90 ° C / 90% ● Contact factory for non-standard size information

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

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