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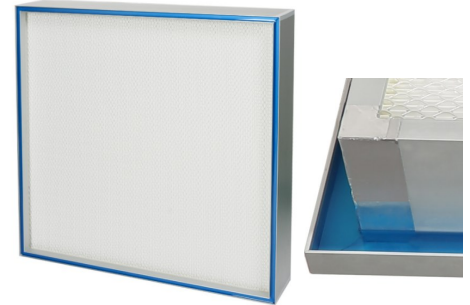
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## HEPA CRS (Clean Room Series) - Mini Pleated HEPA Filters with Gel Seal or gasket seal

HEPA CRS are box style filters with mini pleat separators. It is made from micro fiberglass paper media and comes with metal or MDF frames. Filters are available in H12, H13, H14 and U15 efficiencies. (99.97, 99.99, 99.999 at 0.3 microns or ULPA 99.99 at 0.12 microns). Standard models available in 69mm, 90mm, 120mm and 150mm frame depths.

### FEATURES AND TECHNICAL DETAILS

**Filter Media:** HEPA CRS series filters are manufactured from continuous length high quality micro glass paper media available in various efficiency grades. The filter media is moisture resistant and fire retardant. Anti-microbial treated papers are also available for special applications. The uniform pleat pack offers a high crossing surface to hold the very fine dusts.



**Filter Frames** The Mini-Pleat filters construction shall have extruded aluminum profiles. Special depths are made from formed 0.050 aluminum. Filters are provided with painted expanded metal mesh face guards on downstream side or on both sides (optional).

**Sealant & Gaskets** The pleated media pack is encapsulated into the filter frame utilizing a two part high density fire retardant urethane. A flat profile neoprene gasket or a one-piece seamless urethane gasket is used to ensure a leak free seal to the filter housing. High temperature versions are manufactured with ceramic sealant and temperature resistant gasket. A gel seal shall be provided to ensure the leak free filtration for laminar flow Mini-Pleat filters as per request.

**Media Separators** The Mini-Pleat absolute filters HEPA CRS 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 filter undergoes a thorough quality checking. They are individually scan tested to ensure a leak proof performance and each filter is labeled 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 ▼

Filter Sizes (mm)	Rated Airflow Capacity CMH & IPD @ 0.5 m/s				Filter Sizes (mm)	Rated Airflow Capacity CMH & IPD @ 0.5 m/s			
	H11-98%	H13-99.99%	H14-99.999%	U15-99.9995%		H11-98%	H13-99.99%	H14-99.999%	U15-99.9995%
305 x 610 x 69	340 / 100	340 / 120	340 / 124	340 / 170	305 x 610 x 120	680 / 55	340 / 70	340 / 75	340 / 105
610 x 610 x 69	680 / 100	680 / 120	680 / 124	680 / 170	610 x 610 x 120	1360 / 55	680 / 70	680 / 75	680 / 105
305 x 610 x 90	340 / 80	340 / 90	340 / 95	340 / 120	305 x 610 x 150	340 / 48	340 / 60	340 / 68	340 / 80
610 x 610 x 90	680 / 80	680 / 90	680 / 95	680 / 120	610 x 610 x 150	680 / 48	680 / 60	680 / 68	680 / 80

● 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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