

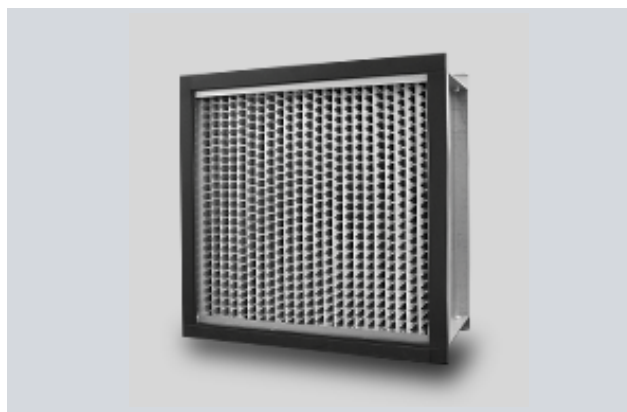
Aero Cell - Deep Pleated Medium Filters

AERO CELL are deep pleated box style filters with medium efficiencies. It is made from micro - fine fiberglass paper media and comes with metal frames. Filters are available in M6, F7 and F8 efficiencies. Single, double and no header frame constructions are offered. Standard models comes in 150mm and 292mm frame depth.

Aerofil Models

Aero Cell

Deep pleated box style filters
 Available in M5, F7 and F8 grades
 Metal frame with single, double or no header
 150mm and 292mm depths



MEDIA FEATURES AND TECHNICAL DETAILS

Filter Media

AERO CELL 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. The uniform and closed pleat filter pack grants a high crossing surface to hold the very fine dusts.

Filter Frames

The standard frame construction includes fire retardant Wood Particle Board, Galvanized steel (16,18 or 24gauge) and anodized aluminium. High temperature versions are constructed with Stainless steel frames

Sealant & Gaskets

The pleated media pack is encapsulated into the filter frame utilizing a two part high density fire retardant urethane elastomer. 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 version is manufactured with ceramic sealant and temperature resistant gasket.

Media Separators

In AERO CELL filters, the pleated media is evenly and accurately positioned by corrugated aluminium separators having hemmed edges to add strength and to protect the media pack.

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 EN 779 : 1822 Standard. Testing of filters can be done according to customer's request.

Selection Chart ▼

Filter Sizes (Inches)	Filter Size (mm)	Rated Airflow (CMH)	Initial Resistance (Pa)		
			95% / F8 / EU8	85% / F7 / EU7	65% / F6 / EU6
24 x 24 x 12	Size: 592 x 592 x 292	3400	138	108	80
24 x 12 x 12	Size: 592 x 292 x 292	1700	138	108	80
24 x 24 x 6	Size: 592 x 592 x 150	1700	138	108	80
24 x 12 x 6	Size: 592 x 292 x 150	850	138	108	80

- Maximum Pressure Drop - 500 Pa
- Maximum Operating Temperature / Humidity - 90 ° C / 90%

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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