

Fine Filter - F9 Super Fine Filter

Super Fine Filter 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 F9 efficiencies. Single, double and no header frame constructions are offered. Standard models comes in 150mm and 300mm frame depth. Super Fine Filters (Generally Termed as Semi Hepa Filters) are manufactured as per the standards of efficiency set by the ASHRAE & accordance with the European Standards EN: 779.

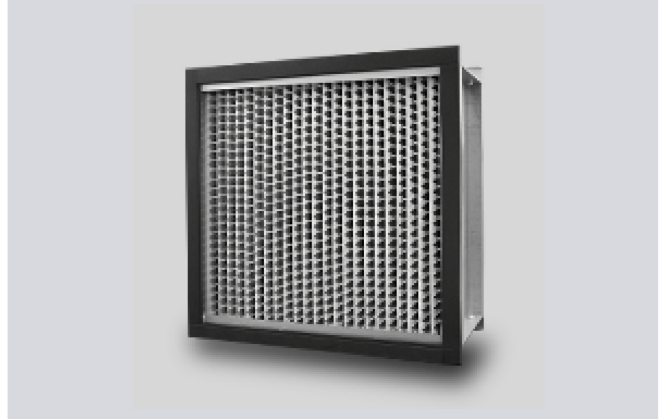
Fine Filter-F9

Super fine filter

Deep pleated box style filters

Available in F9 grades

Metal frame with single, double or no header 150mm and 300mm depths



MEDIA FEATURES AND TECHNICAL DETAILS

Filter Media

Super Fine Filter 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 Super Fine 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 possesses 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.

Advantages	Applications
✓ Large surface area	✓ Air treatment cabinets.
✓ Long filter life time	✓ Pre filtration to HEPA filters.
✓ High dust holding capacity and retention capacity	✓ Air-conditioning systems & Air Handling Unit.

Filter Class	MOC	MERV Rating	Filter Eurovent Class	Frame Depth	Gasket Thickness
F-9	Aluminium Anodised	MERV-15	EU-9	300	5MM