

AEC - COMBI FILTERS

AEC-Pre-fine filter is a combination of pre and fine filter. The fabrication of filter frame is a dual one, which houses both pre filter and fine filter.

Filter media and construction

Media type:

Synthetic & glass fibre media combination.

Frame:

GI, aluminum, CRCA-power coated.

Media edge sealing :

Ultrasonically welded either press type or stitch type & regular stitching.

Construction : Box type / flange type - Leak proof



Salient Features	Main Advantages
- The filter can be constructed in such a way that pre filter of EU3-EU4 and supported by a fine filter of EU5 - EU9. - Very good temperature with standing capability upto 100°C and relative humidity of close to 100%	- Filters can be used for various applications, where pre and fine filters are separately used. - Environment friendly construction.



Elena Electronics Pacific Pvt. Ltd.

3rd Floor, Plot No. 50/A/1, Survey Nos. 334-337, Bachupally, Medchal-Malkajgiri, Hyderabad, Telangana - 500090
Tel: 9100073028, 7780754287, 8142870805 | Email: Sales@elena.co.in | Web: www.elenaelectronics.com

AEC - COMBI FILTERS

TYPICAL FILTER DATA FOR STANDARD FILTER SIZE AS PER DIN EN 779

Product Code	Media Type	Grade	Dimensions (mm)	Air Flow (CFM)	Initial Pressure Drop	Final Pressure Drop
AEC-PF2212-FA4 + FA5	Synthetic media, HDPE & Synthetic Non-woven media	EU-4 + EU-5	610x610x300mm	3200	6.5mm of WC	25mm of WC
			610x305x300mm	1600	6.5mm of WC	25mm of WC
AEC-PF2212-FA4 + FA5		EU-4 + EU-7	610x610x300mm	3200	7.5mm of WC	35mm of WC
			610x305x300mm	1600	7.5mm of WC	35mm of WC

PRODUCT SELECTION MATRIX AND POTENTIAL APPLICATION AREA

Industries	Filter Application
HVAC application	
Shopping complex	EU-4 + EU-5
Hotel applications	FU-4 ÷ EU-5
Clean room application in airports	EU-4 + EU-5
Clean room applications in health care centers and hospitals	EU-4 + EU-5
Clean room application	
Pharma industries	EU-4 + EU-5, EU-4 + EU-7
Semiconductor Industry process areas	EU-4 + EU-5, EU-4 + EU-7
Biotech laboratories	EU-4 + EU-5, EU-4 + EU-7
Food Industries	EU-4 + EU-5
Other application	
Textiles Industries	EU-4 ÷ EU-5
Clean rooms in chemical and fertilizer, Industries	EU-4 + EU-5