

AEC - BASE PLEAT

AEC-base pleat filter series are made out of typical cassette type construction. These type of filters are typically used in air handling units of automotive paint shops, shopping malls, pharmaceutical industries, biotech industries, electronics and semi-conductor industries.

Filter media & construction

Media type:

Synthetic, washable and dispensable media.

Frame:

Aluminum anodised or non-anodised, GI and rarely with plastic frames.

Media edge sealing :

End sealing by glusing media and frames.

Construction : Box type / flange type.



Salient Features	Main Advantages
● Filter media can be washed and cleaned. ● Filters are made out of metal frames. ● Filter media is fully bonded with frame. ● Can withstand upto 1000C. ● Pleat depth tailored, based on customer specific requirements.	● HDPE with aluminum mesh. ● Environment friendly construction. ● Leak proof construction. ● Robust construction and can be used in worst environmental conditions.

AEC - BASE PLEAT - PRE FILTER AEC-MICROVEE & ROD TYPE

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

Product Code	Media Type	Grade	Filter Dimensions Microvee & Rod type	Type	Air Flow (CFM)	Micron	Initial Pressure Drop	Final Pressure Drop
AEC-PF2202	Synthetic media, HDPE & Synthetic Non-woven media	EU-4	Flange/Box	610x610x50mm	10	540	6.0mm of WC	20mm of WC
AEC-PF2102		EULA	Flange/Box	610x305x50mm	10	270	6.0mm of WC	20mm of WC
AEC-PF1102		EU-4	Flange/Box	305x305x50mm	10	130	6.0mm of WC	20mm of WC
AEC-PF3206		EU-4	Flange/Box	915x610x150mm	10	2400	6.0mm of WC	20mm of WC
AEC-PF2212		EU-4	Flange/Box	610x610x305mm	10	3200	6.0mm of WC	20mm of WC
AEC-PF2112		EU-4	Flange/Box	610x305x305mm	10	1600	6.0mm of WC	20mm of WC
AEC-PF1112		EU-4	Flange/Box	305x305x305mm	10	800	6.0mm of WC	20mm of WC
AEC-PF2206		EU-4	Flange/Box	610x610x150mm	10	1600	6.0mm of WC	20mm of WC
AEC-PF2106		EU-4	Flange/Box	610x305x150mm	10	800	6.0mm of WC	20mm of WC
AEC-PF1106		EU-4	Flange/Box	305x305x150mm	10	400	6.0mm of WC	20mm of WC
AEC-PF2202		EU-5	Flange/Box	610x610x50mm	5	320	6.5mm of WC	25mm of WC
AEC-PF2102		EU-5	Flange/Box	610x305x50mm	5	160	6.5mm of WC	25mm of WC
AEC-PF1102		EU-5	Flange/Box	305x305x50mm	5	80	6.5mm of WC	25mm of WC
AEC-PF3206		EU-5	Flange/Box	915x610x150mm	5	1500	6.5mm of WC	25mm of WC
AEC-PF2212		EU-5	Flange/Box	610x610x305mm	5	2000	6.5mm of WC	25mm of WC
AEC-PF2112		EU-5	Flange/Box	610x305x305mm	5	1000	6.5mm of WC	25mm of WC
AEC-PF1112		EU-5	Flange/Box	305x305x305mm	5	500	6.5mm of WC	25mm of WC
AEC-PF2206		EU-5	Flange/Box	610x610x150mm	5	1000	6.5mm of WC	25mm of WC
AEC-PF2106		EU-5	Flange/Box	610x305x150mm	5	500	6.5mm of WC	25mm of WC
AEC-PF1106		EU-5	Flange/Box	305x305x150mm	5	250	6.5mm of WC	25mm of WC
AEC-PF2212		EU-7	Flange/Box	610x610x305mm	3	2000	7.5mm of WC	35mm of WC
AEC-PF2112		EU-7	Flange/Box	610x305x305mm	3	1000	7.5mm of WC	35mm of WC
AEC-PF2212		EU-9	Flange/Box	610x610x305mm	1	2000	8.5mm of WC	45mm of WC
AEC-PF2112		EU-9	Flange/Box	610x305x305mm	1	1000	8.5mm of WC	45mm of WC
AEC-PF2212		EU-3	Flange/Box	610x610x305mm	20	6000	4.0mm of WC	12mm of WC
AEC-PF2202		EU-3	Flange/Box	610x610x50mm	20	1000	4.0mm of WC	12mm of WC
AEC-PF2102		EU-3	Flange/Box	610x305x50mm	20	500	4.0mm of WC	12mm of WC
AEC-PF1102		EU-3	Flange/Box	305x305x50mm	20	250	4.0mm of WC	12mm of WC

PRODUCT SELECTION MATRIX AND POTENTIAL APPLICATION AREA

Industries	Filter Application	Pre filter	Fine filter
Automotive and auto component manufacturers.	Used for air supply units in automotive paint shops	EU-3-EU-4	
Clean Room Application			
Pharmaceuticals, Biotech Industries, semiconductor manufacturers, hospitals and laboratories.	Used in air handling units, laminar flow benches etc.,	EU-3-EU-4	EU-5-EU-7
Other Application			
Textile Industries, chemical & fertilizer	Used in air handling units where fresh air is required at process locations.	EU-3-EU-4	EU-3-EU-7

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