

AEC - DEEP PLEAT

AEC-Deep pleat HEPA filters are made from water resistant, fire retardant microfine glass fibre media. These filters can accommodate 1000 CFM mass flow of air. Typically 610X610X300 filters size can accommodate this kind of flow. These filters being highly efficient filters are mainly used in healthcare industries, pharmaceutical industries, food and beverages industries, electronics and semiconductor industries.

Filter media and construction

Media type:

Water resistant, fire retardant, microfine glass fibre media.

Frame:

Aluminum anodised or non-anodised, CRCA powder coated, stainless steel.

Media edge sealing :

End sealing by gluing media & frame

Construction : Box type / flange type.



Salient Features	Main Advantages
- Can be used up to 1000C working temperature. - Filter media is separated by aluminum foil corrugation. - All filters are 100% leak tested. - Filter media is fully bonded with frame.	- Robust construction to withstand harsh environmental conditions. - Environment friendly construction. - Enough filter media provided to ensure very low initial pressure drop. 100% leak proof construction.

HEPA AEC - DEEP PLEAT FILTERS (SUPER FLOW TYPE)

TYPICAL FILTER DATA FOR STANDARD FILTER SIZE AS PER DIN EN 1822

Product Code	Grade	Dimensions (mm)	Type Flange/Type	Air Flow (CFM)	Initial Pressure Drop (mm of WC)	Final Pressure Drop (mm of WC)
AEC-HH4206FA3	H-13	1220x610x150mm	Flange/Type	2000	25	75
AEC-HH3212FA3	H-13	915x610x300mm	Flange/Box	3000	25	75
AEC-HH3206FA3	H-13	915x610x150mm	Flange/Box	1500	25	75
AEC-HH2212FA3	H-13/H-11	611x610x300mm	Flange/Box	2000	25	75
AEC-HH2112FA3	H-13/H-11	610x305x300mm	Flange/Box	1000	25	75
AEC-HH2206FA3	H-13/H-11	610x610x150mm	Flange/Box	1000	25	75
AEC-HH2106FA3	H-13/H-11	610x305x150mm	Flange/Box	500	25	75
AEC-HH1112FA3	H-13/H-11	305x305x300mm	Flange/Box	500	25	75
AEC-HH1106FA3	H-13/H-11	305x305x150mm	Flange/Box	250	25	75
AEC-HH151506FA3	H-13/H-11	457x457x150mm	Flange/Box	375	25	75

PRODUCT SELECTION MATRIX AND POTENTIAL APPLICATION AREA

Potential application	Filter grade to be used
Others	
Nuclear power plants	H-13 and H-11
Textile Industries	H-13 and H-11
Clean room application	
Health care and pharma Industries	H-13
Electronics and semiconductor industry process areas	H-13
Biotech laboratories and Industries	H-13 and H-11
Hospitals	H-13 and H-11