

## Mini-Pleat HEPA Filter



### MATERIAL AND OPERATIONS CONDITIONS

**Media:** American HV Micro Glass Fiber

**Sealant:** PU Two-component, polyurethane rubber

**Frame:** Extruded and anodized aluminum/Aluminum panel

**Separator:** Hot melt bead

**Gasket:** PU automatically foam endless gasket at two sides

**Face Guard:** Epoxy net at two sides

**Efficiency:** 99.99% ~ 99.9995% @ 0.3um

**Max. Temperature:** 70°C

**Max. Humidity:** 100%

**Frame Thickness:** Extruded and anodized aluminum frame for 70#/76#/95# Aluminum panel frame for 146#/152#298#

## PRODUCT INFORMATION

### PRODUCT FEATURES

1. Use patent technology to ensure the full use of v-style passage
2. More than 20 thickness of extruded and anodized aluminum frame
3. Apply special seamless sealing technology; more durability and better sealing effects
4. American HV micro glass fiber, 100% humidity resistance, lower initial resistance, high final resistance

### ADVANTAGES

Anti-aging technology, not changeful form, a low resistance and long life-span

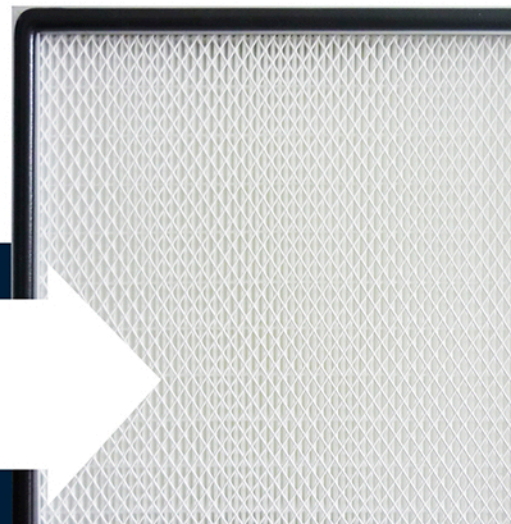
### APPLICATION

It widely used to the terminal filtration of the clean room

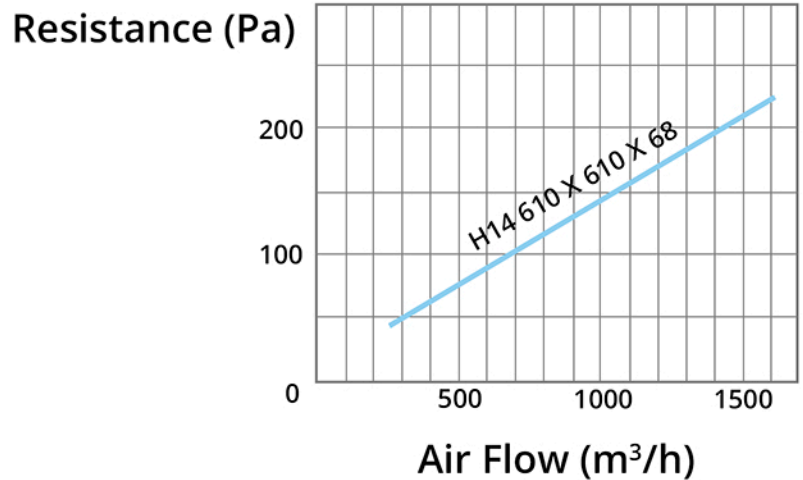
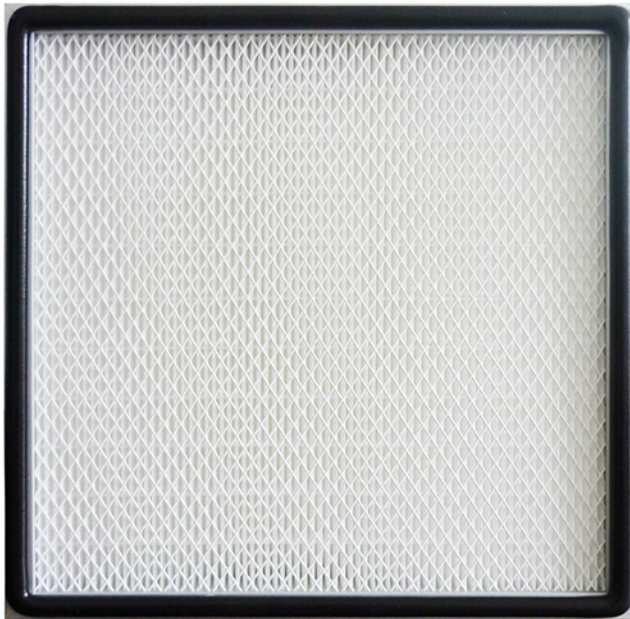
### OEM

Customized desing is available

**High Efficiency - Strong and Durable**  
**100% Factory Inspection**



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## TECHNOLOGY PARAMETERS

Size (WxHxD) Inch	Size (WxHxD) mm	Air Flow		Ini. Resistance (In. W.G)	Final Resistance (In. W.G)	Media Area (m <sup>2</sup> )	Dust Holding (g)
		(CFM)	(CMH)				
12 X 12 X 3	304 X 304 X 76	171	290	0.68	1.6 - 2.41	3.1	186
24 X 12 X 3	594 X 289 X 70	269	446	0.68	1.6 - 2.41	4.7	282
18 X 18 X 3	457 X 457 X 70	334	554	0.68	1.6 - 2.41	5.9	351
20 X 18 X 3	504 X 457 X 70	362	600	0.68	1.6 - 2.41	6.3	379
24 X 18 X 3	594 X 457 X 70	424	703	0.68	1.6 - 2.41	7.4	445
36 X 18 X 3	905 X 457 X 70	638	1083	0.68	1.6 - 2.41	11.2	670
48 X 18 X 3	1203 X 457 X 70	824	1399	0.68	1.6 - 2.41	14.5	867
20 X 20 X 3	492 X 492 X 70	412	684	0.68	1.6 - 2.41	6.8	406
24 X 20 X 3	594 X 492 X 70	464	770	0.68	1.6 - 2.41	8.12	487
30 X 20 X 3	756 X 502 X 70	559	894	0.68	1.6 - 2.41	10.47	628

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Size (WxHxD) Inch	Size (WxHxD) mm	Air Flow		Ini. Resistance (In. W.G)	Final Resistance (In. W.G)	Media Area (m <sup>2</sup> )	Dust Holding (g)
		(CFM)	(CMH)				
44 X 20 X 3	1100 X 495 X 70	852	1363	0.68	1.6 - 2.41	14.9	894
48 X 20 X 3	1219 X 495 X 70	1108	1772	0.68	1.6 - 2.41	16.9	1015
36 X 24 X 3	899 X 594 X 70	842	1429	0.68	1.6 - 2.41	14.7	883
48 X 24 X 3	1203 X 594 X 70	1120	1901	0.68	1.6 - 2.41	19.6	1175
36 X 30 X 3	899 X 746 X 70	1061	2088	0.68	1.6 - 2.41	18.6	1113
24 X 24 X 3	594 X 594 X 70	562	899	0.68	1.6 - 2.41	9.8	590
24 X 12 X 4	594 X 289 X 96	429	686	0.68	1.6 - 2.41	9.8	590
24 X 24 X 4	594 X 594 X 96	879	1492	0.68	1.6 - 2.41	15.4	922
24 X 24 X 6	594 X 594 X 146	1172	1990	0.68	1.6 - 2.41	19.67	1180
36 X 24 X 6	899 X 595 X 146	1754	2978	0.68	1.6 - 2.41	30.7	1843
48 X 24 X 6	1209 X 600 X 152	2369	4022	0.68	1.6 - 2.41	41.4	2486