

High temperature resistance HEPA filter Medium.HEPA



Applicable efficiency:F5,F6,F7,F8,F9,H10,H11,H12,H13,H14

A. Product feature

Product features

1. The efficiency can be up to 99.99% @ 0.3um under rated air volume.
2. It can be used for a long time in the specified high temperature environment.
3. Large filtration area, large air flow and low resistance.

Advantages

It's assembled with fiberglass, aluminum foil separator, stainless steel frame and special high temperature sealant. The filter media is folded 180 degrees on both sides and folded into a wedge-shaped pleat. The filter material has two indentations when bent, so that it forms a wedge-shaped pleat at the end of the partition. The wedge-shaped pleat can prevent damage to the filter material.

B. Product material, performance and graph

Media material

Glass fiber

Frame material

Aluminum | Stainless steel

Gasket material

Silicone strip(260°C)/ PTFE strip(350°C)

Aluminum optional thickness(mm)

120/150/220/292

Sealant

Red silicone(260°C)/ Ceramic glue (350°C)

Max operating temperature

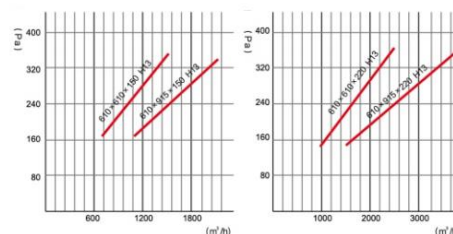
260°C, 350°C

Max operating humidity

100%

Separator

0.035mm aluminum foil



Graph of resistance & air flow

C. Product parameters

Due to limited space reasons, can't be listed one by one

Model	Overall dimensions (mm) (W×H×D)	Rated air flow/ initial resistance (m³/h)/(pa)	Wind speed (m/s)	Filter area (m²)	Different air volume/resistanc (m³/h)/(pa)	Recommended final resistance (pa)	Filtration efficiency EN1822	
B84-001	484×484×120	500/230	0.55	4.4	630/315	760/375	500	H13
B84-002	915×610×120	1100/230	0.55	10.6	1500/315	1800/375	500	H13
B84-003	610×610×150	1000/230	0.75	9.6	750/170	1200/275	500	H13
B84-004	1220×610×150	2000/230	0.75	19.2	1450/170	2400/275	500	H13
B84-005	610×610×220	1600/230	1.18	15.1	1000/145	2500/350	500	H13
B84-006	1220×610×220	3200/230	1.18	30.2	2000/145	5000/350	500	H13
B84-007	305×610×292	1100/230	1.64	10.4	775 /150	1700/350	500	H13
B84-008	610×610×292	2200/230	1.64	21.0	1550/150	3400/350	500	H13
B56-B09	610×610×292	3300/230	1.64	31.6	3700/250	5100/350	500	H13

Beside the above standard sizes, it also can according the need to customize any size and efficiency(F5,F6,F7,F8,F9,H10,H11,H12,H13,H14)