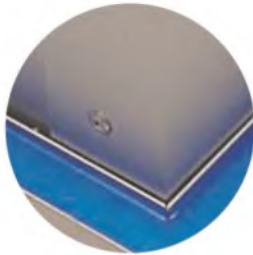


Gel seal HEPA filter & ULPA filter



Application

Commercial and industrial ventilation systems, intermediate or end filter of air conditioning systems.

- ① Clean room fresh air conditioning system, end filter of clean room.
- ② Wide application in pharmacy, hospitals, food, biological products, health products as well as end filter in clean room.

Technical Parameters

Filtration grade:
H13, H14, U15, U16, U17(EN779)

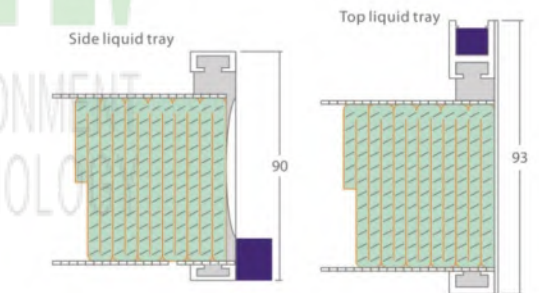
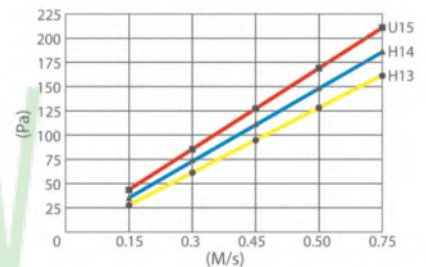
Filter efficiency:
99%, 99.9%, 99.99%, 99.999%,
99.9999%, 99.99999%(ASHRAE52.1-1992)

Resistance to temperature:
≤ 80°C

Porosity:
≥ 0.5 μm, ≥ 0.3 μm, ≥ 0.1 μm

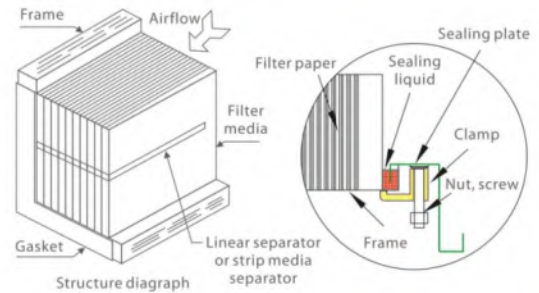
Humidity:
≤ 100%RH

Instantaneous temperature resistance:
≤ 100°C



Material & Features

- Separator: hot melt adhesive.
- Sealant glue : AB component glue.
- Liquid tray glue: long-lasting glue.
- Outer frame: aluminum alloy frame.
- Protective mesh: Diamond metal paint sprayed.
- Feature: small size, large filter area, easy to install, long life span.
- Filter material: ultra-thin glass fiber filter paper, artificial fiber filter paper.



Technical Specification

Dimensions			Rated air flow (m ³ /h)	Initial pressure drop (Pa)			Filtration efficiency (%)
W(mm)	H(mm)	D(mm)		0.25m/s	0.5m/s	0.75m/s	
450	450	90/93	500	≤ 120	≤ 220	≤ 240	99.99% 99.999% 99.9999% 99.99999%
610	610	90/93	1000				
915	610	90/93	1500				
1220	610	90/93	2000				

Remarks: other specification to be customized, In most occasion, the side liquid tray can be 90mm, while top liquid trap thickness can be 93mm.