

Changeable DOP Terminal filter with Hood

Material And Operation Conditions

Media	American HV Glass Fiber
Sealant	PU two-component polyurethane rubber
Cabinet	Extruded and anodized aluminum
Cover plate	Aluminum
Frame	Extruded and anodized aluminum
Seperator	Hot melt bead
Gasket	Imported Gel glue
Face guard	Epoxy net at two sides
Efficiency	99.99% ~ 99.9995% @0.3 μm
Max. Temperature	70°C
Max. Humidity	100%
Frame thickness	150#



Product Information

◆ Product Features:

1. Use patent technology to ensure the full use of v-style passage;
2. Apply special seamless sealing technology; more durability and better sealing effects;
3. American HV glass fiber, 100% humidity resistance, lower initial resistance, high final resistance;
4. Good appearance, convenient installation, easy maintenance, light weight, thin thickness;
5. PAO scan test for over 99.99%.

◆ Optional Components:

Insulated cotton; Hanging lugs (when with aluminum plate cabinet)



◆ Advantages:

HEPA filter exchangeable inside cleanroom, cabinet recycle usage, cost saving.

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

◆ Application:

As terminal filtration for surgery room, lab, pharmacy, micro-electronic, fiber optic equipment, food processing etc. where industry have clean class requirements for working area.



OEM :
Customized design is available

Details

◆ Sealant assurance

Extra lengthen knife edge on the cabinet, to insert deeper into the Gel groove

Filter out-folded frame, and connected cabinet with screws to make no gap between extranal frame and filter

More air tight inner structure, to prevent air from flowing out



◆ 100% Humidity Resistance Media with Hot-melt Bead

99.99%~99.99995% wide range choosable, high efficiency glass fiber

High quality glass fiber, not only 100% humidity resistance, but also high dust holding capacity

KLC Unique channel-floded media packs, with combined holt-melt bead to stable the v-style passage, makes the filter durable to big air flow

Air pass through the air filter smoothly

◆ Air outlet epoxy faceguard and PAO test port

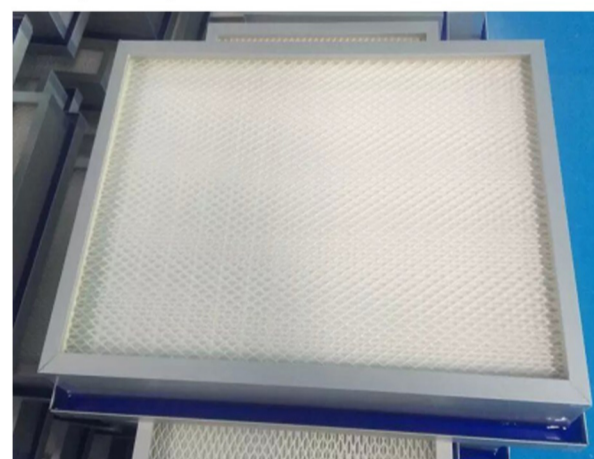
Air outlet with 1.0mm epoxy metal faceguard to protect the media from damage during installation and transportation

PAO aerosol concentration test port on the middle of the aluminum crossgirder, to test the aerosol concentration rate at the air inlet side before taking the scan test, promise the accuracy of PAO testing results

◆ Imported blue sealant gel

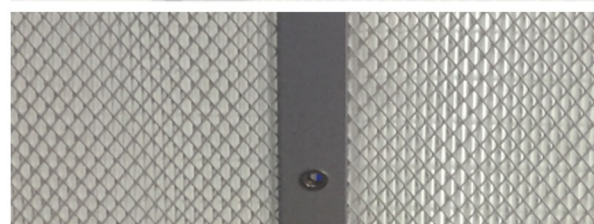
Inner filter adopt Gel HEPA filter

High quality with excellent stickiness and airtightness, ensure the air sealant and filter efficiency at any sides



◆ Sealant glue to prevent air leakage

High quality AB sealant gule mixed with patent technics on the four sides of the glass fiber media, preventing air leakage at any sides. The gule is injected in well-proportioned and smoothy, without any bubble and cracks



Technology Date

Size (W*H*Dmm)	Air flow (CFM)	Initial Resistance (≤Pa)	Final Resistance (Pa)	Media Area (㎡)	Dust Holding (g)	Efficiency
630*630*150	800	220	400-600	8.5	510	H14 99.995%
1200*630*150	1600	220	400-600	17.13	1028	H14 99.995%