



高效率濾網—V-HEPA 200型/ V-HEPA 250型/ULPA

High Efficiency Particulate Air Filter (HEPA/ULPA) - Mini Pleat V Type

- *More Effective Media Area
- *High Capacity
- *Low Resistance
- *Long Life Span

Testing Method 測試方法	Particle Size 粒徑	Efficiency (%) 效率
	0.3um	
		99.97%
		99.99%
	0.1-0.2um	99.999% above
European Standard EN1822		

Features:

AIRREX V-HEPA or V-ULPA filter is assembled by multiple mini-pleat packs formed into six to eight pieces of V type pleat. It contains more media (up to 90%) than standard W-HEPA filter, can easily remove air contamination such as fine dust, smoke, vapor, soot, pollen, bacteria and etc. The effective media area results in greater flow capacity, lower resistance, and longer life span. With high capacity, low pressure drop & longer life span advantages, can be used to replace the traditional aluminum separators filters.

Efficiency:

All HEPA filter efficiency is tested in accordance with US MIL-STD-282 (EU Standard) and EN1822. By measuring the upstream & downstream particle concentration, the series provide guarantee efficiency from 95%, 99.97%, 99.99% to 99.999% (EU12-EU14) or H10-H14 (per EN-1822 standard in MPPS Test) on 0.3 micrometer size particles HEPA filter; and 99.999% to 99.999999% or U15-U16 (per EN-1822 standard in MPPS Test) ULPA filter.

Media:

V-HEPA media is made from glass microfiber. It is water resistant and can withstand temperature up to 35°C. Use hot melting glue to replace traditional aluminum separators. The V-HEPA media is manufacture from glass microfiber. It is water resistance and can withstand temperature up to 350°C. The filter media is folded into mini-pleats and spaced by hot melting glue to ensure a best pleating geometry. Each media pack and frame end is completely sealed by fire-retardant epoxy, polyurethane foam or silicon sealant to ensure leakage free in a clean room.

Frame:

The frame is available for Metal Frame (Galvanized Steel, Aluminum, Particleboard and Stainless Steel) in Box Type or Header type

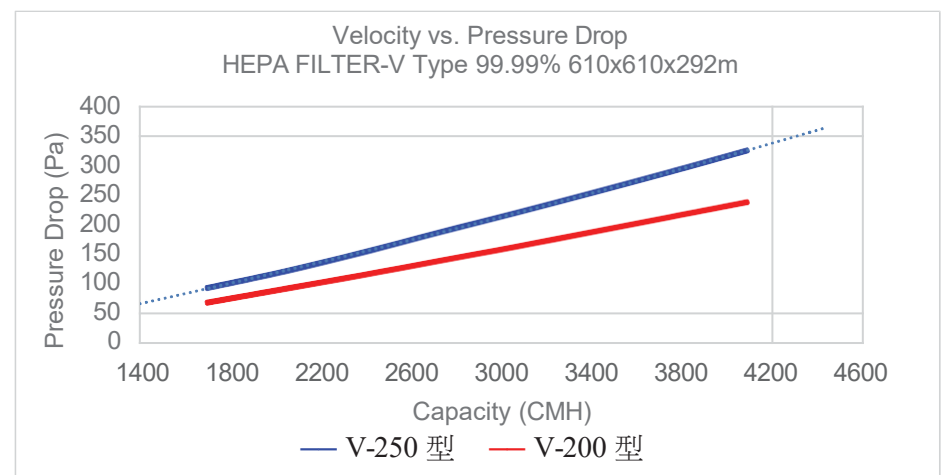


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特色： V型設計具有多數的迷你褶數濾材，比傳統型的濾網多90%的濾材面積，大的過濾面積可處理較大的風量與較低壓損和較長的使用壽命。

效率： 依歐規EN1822標準測試，即測試濾網之上風處與下風處粒子濃度，HEPA級效率從95~99.999%通過0.3um，ULPA級效率從99.999~99.999999%通過0.1~0.2um。

濾材： 濾材由超細玻璃纖維經褶疊組裝入框架內，濾紙經由熱熔膠間隔，不會釋出化學性污染到無塵室。

外框： 框材可選用鍍鋅鐵框、鋁框或不銹鋼框。可選擇箱型、單法蘭和雙法蘭。濾網兩側可提供加裝金屬護網。

High Efficiency Filter Performance Data - Mini Pleat V Type

高效率濾網性能表—V型濾網

Efficiency 效率 (%)	Nominal Size 通稱尺寸 (W*H*D) (inch)	Actual Size 實際尺寸 (W*H*D) (mm)	Rated Capacity 額定風量 (CMH)	Pressure Drop 壓力損失 (Pa)	
				Initial Resistance 初壓損	Final Resistance 末壓損
V-HEPA 250型					
99.97 99.99	12*24*12	287*592*292	1500	250	500
	24*24*12	592*592*292	3000		
	12*24*12	305*610*292	1700		
	24*24*12	610*610*292	3400		
V-HEPA 200型					
99.99	12*24*12	305*610*292	1700	200	500
	24*24*12	610*610*292	3400		

* Special Sizes are available upon request.

※特殊規格可生產製造。

Material and Service Conditions

材質、使用條件

Type 型式	Description 說明		
Construction 總成	Media 濾材	Ultra-Fine Glass Fiber 超細玻璃纖維濾紙	
	Support Grid 支撐材	Hot Melt Adhesive 熱熔膠	
	Sealant 密封膠	PU BASE	
	Gasket Material 墊片材質	Neoprene Rubber 新平橡膠	
	Frame Material 外框材質	Metal Frame 金屬框	
	Frame Type 外框型式	Box Type 箱型	Single Header or Double Header單 法蘭/雙法蘭
Service Conditions 使用條件	The maximum continuous use temperature 連續使用最高溫度	°C	60
	Instant Highest Humidity 使用瞬間最高濕度	% RH	100 (No condensation state) 100 (無結露狀態下)