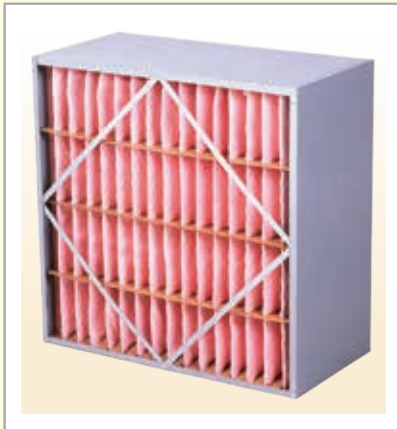


中性能W-PAK型 空氣過濾網 - 合成纖維

ASHRAE Grade S Series W-PAK
Extended Surface Air Filter- Synthetic Fiber



Testing Method 測試方法	Dot Spot Efficiency (in NBS) 比色法	Arrestance (in AFI) 比重法	MERV
	90~95%	> 99%	14
	80~85%	> 98%	13
	60~65%	> 97%	11
	45~50%	> 96%	9
ASHRAE Standard 52.1-1992 (Equal to EN 779)			ASHRAE 52.2-1999 Standard

Features:

W-PAK S Series filter contains moisture-resistant pleat stabilizers on both sides of the media pack. This ensures that the tapered pleat configuration will not be deformed throughout the service life of the filter. The design of the pleat stabilizer offers maximum media filtration area and dust holding capacity, furthermore extending filter life span.

Efficiency:

Per ASHRAE 52.1-1992 standard (equal to EN779), the filters have an average atmospheric dust spot efficiency range 45-50%, 60-65%, 80-85% and 90-95% (in NBS Test Method); per ASHRAE 52.2, the efficiency is MERV9, MERV11, MERV13 & MERV14.

Media:

W-PAK S-Series filters are manufactured of Multiple Layers Synthetic Microfiber formed into a pleated configuration. The Synthetic Microfiber builds up in non-woven layers to strengthen Multi-layers and eliminate fiber shedding.

It contains non-glass fiber (to be thought a healthy hazard). W-PAK S-Series filters are not affected by extreme moisture and humidity conditions, unlike wet glass fibers that will be lost up to 20% efficiency. The media is color coded by efficiency.

Media Support Grid:

A corrosion-resistant metal support grid is bonded to the media to strengthen pleat construction and stability.

Frame:

The enclosing frame is a galvanized steel construction. Diagonal supports on both upstream and downstream sides enhance the construction of the filter. This construction provides W-PAK filter with exceptional strength and durability for a longer life span. It is available in header or non-header type.

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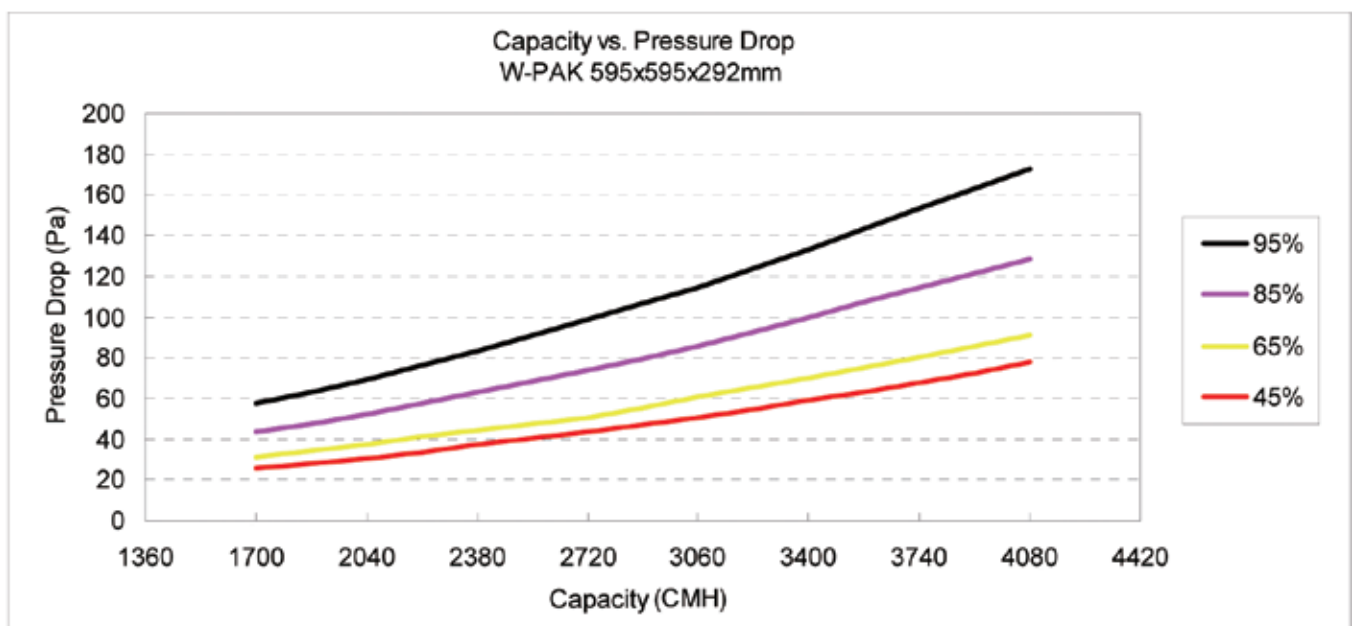
特色：中性能W-PAK濾網於濾材兩面有防潮之固定隔板，濾材褶狀結構不變形，此設計使濾網具有大的過濾面積與集塵能力，延長濾網壽命。

效率：依ASHRAE 52.1-1992標準法測試，濾網具比色法效率45-50%、60-65%、80-85%、90-95%可供選擇。

濾材：由多層合成纖維所製成之褶形結構，多層合成纖維被覆布強化過濾層及避免纖維的脫落。非玻璃纖維材(被認為有害健康)。不受高濕度影響，不像玻璃纖維潮濕時，會喪失其效率高達20%。濾材以抗腐蝕金屬被覆於後，強

外框：化褶形結構與韌性。

框材可選用紙框、鍍鋅鐵框、鋁框或不銹鋼框。鍍鋅鐵製外框結構，於上風與下風處對角支撐設計，增加W-PAK過濾網之強度及耐久性。



Performance Data – ASHRAE Grade S Series Extended Surface Air Filter (Synthetic Fiber)

中效率濾網性能 - W-PAK型空氣濾網（合成纖維）

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	
Dot Spot Efficiency (in NBS) 比色法	Arrestance (in AFI) 比重法				Initial Resistance 初壓損	Final Resistance 末壓損
90~95	> 99	12*24*4	289*595*95	850	134	250
		24*24*4	595*595*95	1700		
		12*24*6	289*595*150	1020	169	324
		24*24*6	595*595*150	2040		
		12*24*12	289*595*292	1700	129	
		24*24*12	595*595*292	3400		
80~85	> 98	12*24*4	289*595*95	850	90	250
		24*24*4	595*595*95	1700		
		12*24*6	289*595*150	1020	116	324
		24*24*6	595*595*150	2040		
		12*24*12	289*595*292	1700	88	
		24*24*12	595*595*292	3400		
60~65	> 97	12*24*4	289*595*95	850	46	250
		24*24*4	595*595*95	1700		
		12*24*6	289*595*150	1020	90	324
		24*24*6	595*595*150	2040		
		12*24*12	289*595*292	1700	67	
		24*24*12	595*595*292	3400		
45~50	> 96	12*24*4	289*595*95	850	42	250
		24*24*4	595*595*95	1700		
		12*24*6	289*595*150	1020	70	324
		24*24*6	595*595*150	2040		
		12*24*12	289*595*292	1700	44	
		24*24*12	595*595*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		Synthetic Fiber 合成纖維	
	Frame Material外框材質		Card Board 紙框	Metal Frame 金屬框
	Frame Type 外框型式		Box Type 箱型	Single Header 單法蘭
	Support Grid 支撐網		Anticorrosion Metal Support Grid w/Radial Wedge Pleats 抗蝕性的金屬支撐網，採楔行結構	
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	98 (No condensation state) 98 (無結露狀態下)	



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