

中效率滤网 Medium Efficiency Air Filter

中性能W-Cell 型空气滤网 (AR205)

滤材为疏水性超细玻璃纤维，连续性折滤材以波浪状铝为隔板。依ASHRAE52.1-1992标准，比色法效率60-65%，80-85%，90-95%等效率(ASHRAE 52.2标准，效率为MERV11、MERV13、MERV14)。外框材质可选用木框、金属框之箱型或法兰型。依特殊使用性质，可选用耐高温型滤网。

ASHRAE Grade W-Cell Extended Surface Air Filter (Cat. # AR 205)

W-Cell media is manufactured from glass microfiber. The media is water-resistant and can withstand temperature up to 350° C. Both edges of aluminum separators are rolled to prevent media tearing and provide maximum integrity.

Per ASHRAE 52.1-1992 standard, the filters have an average atmospheric dust spot efficiency range 60-65%, 80-85% and 90-95% (in NBS Test Method); per ASHRAE 52.2, the efficiency is MERV11, MERV12 & MERV14.

The frame is available for Wooden Frame (Fire-Retardant particle Board Frame) and Metal Frame (Galvanized Steel) in box type or header type.

W-Cell can be specially designed in high-temperature use.



Cat.No: AR205

中性能W-Cell型空气滤网

ASHRAE Grade W-Cell Extended Surface Air Filter

测试方法 Testing Method	比色法 Dot Spot Efficiency (in NBS Testing Method)	比重法 Arrestance (in AFI Testing Method)	MERV
		90~95%	> 99%
	80~85%	> 98%	13
	60~65%	> 97%	11
	依ASHRAE 52.1-1992标准(德国EN 779) By ASHRAE Standard 52.1-1992 (Equal to EN 779)		依ASHRAE 52.2标准 By ASHRAE 52.2 Standard
*依特殊使用性质，可制成耐高温滤网 *High temperature resistance filter is available for special use.			

- **特色：**中性能W-CELL型为波浪隔板型，双折边铝隔板避免滤材被插破，亦可降低安装时被割伤的潜在危险。依特殊使用性质，可制成耐高温型滤网，可在750呎/分之表面风速下使用。
- **效率：**依ASHRAE 52.1-1992标准法测试，滤网具比色法效率60-65%、80-85%、90-95%可供选择。
- **滤材：**是由超细玻璃纤维所制，此滤材具防水性且能耐温至350°C。滤网四周可选用耐火之环氧树脂或PU胶密封，外框与滤材无泄漏之虞。
- **外框：**框材可选用木框、镀锌铁框、铝框或不锈钢框。

• Features:

Both edges of aluminum separators are rolled to prevent media tearing and provide maximum integrity. Rolled edges can also reduce the injury of cutting worker's hands during installation. For special use, high temperature resistance filter is available for 750 FPM use.

• Ultra-Fine Glass Fiber Media:

W-Cell Media is manufacture from glass microfiber. The media is water-resistant and can withstand temperature up to 350°C.

• Fire-Retardant Sealant:

Filter element is completely sealed around with fire-retardant epoxy, polyurethane form or silicon sealant.

• Face Guard:

A Metal hardware close faceguard installed on both sides of the filter is available as an option.

• Temperature:

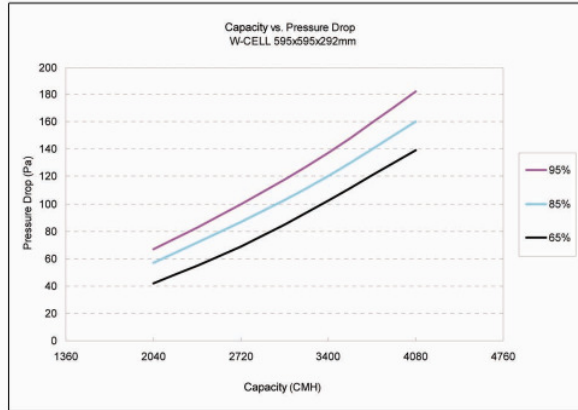
Standard units are rated for maximum 200°F. Temperature up to 750°F can be obtained by optional sealants, gaskets and frames.

• Outer Frame:

The frame is available for Wooden Frame (Fire-Retardant Particle Board Frame) and Metal Frame (Galvanized Steel, Aluminum and Stainless Steel) in box type or header type. High Density Fire- Retardant Particle Board Frame is an unique construction to ensure maximum rigidity of filter.

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风量关系曲线图



中效率滤网性能表 Performance Data

效率 Efficiency (%)		通称尺寸 Nominal Size (W*H*D) (inch)	实际尺寸 Actual Size (W*H*D) (mm)	额定风量 Rated Capacity (CMH)	压力损失 Pressure Drop (Pa)	
比色法 Dot Spot Efficiency (in NBS)	比重法 Arrestance (in AFI)				初压损 Initial Resistance	末压损 Final Resistance
90~95	> 99	12*24*6	289*595*150	850	82	324
		24*24*6	595*595*150	1700		
		12*24*12	289*595*292	1700	137	
		24*24*12	595*595*292	3400		
80~85	> 98	12*24*6	289*595*150	850	74	324
		24*24*6	595*595*150	1700		
		12*24*12	289*595*292	1700	120	
		24*24*12	595*594*292	3400		
60~65	> 97	12*24*6	289*595*150	850	62	324
		24*24*6	595*595*150	1700		
		12*24*12	289*595*292	1700	102	
		24*24*12	595*595*292	3400		

1. Recommended Final Resistance on all S Series Filters is 1.5" w.g.
2. Special Sizes are available upon request.

※特殊规格可生产制造。

材质和使用条件 Material and Service Conditions

型式 Type		说明 Description	
总成 Construction	滤材 Media	超细玻璃纤维滤纸 Ultra-Fine Glass Fiber	
	支撑材 Support Grid	波浪隔板 Corrugated Aluminum Separator	
	密封胶 Sealant	PU BASE	
	垫片材质 Gasket Material	新平橡胶 Neoprene Rubber	
	外框材质 Frame Material	木框 Wooden Frame	金属框 Metal Frame
	外框型式 Frame Type	箱型 Box Type	单法兰 Single Header
使用条件 Service Conditions	连续使用最高温度 The maximum continuous use temperature	°C	60
	使用瞬间最高湿度 Instant Highest Humidity	% RH	100 (无结露状态下) 100 (No condensation state)