

中效率滤网 Medium Efficiency Air Filter

空压机过滤网 (AR209)

滤材为双密度疏水性超细玻璃纤维或人造纤维，连续性折滤材以波浪状铝为隔板。外框材质可选用木框、金属框。

前段(尺寸24x24x1-1/2")效率，98% -10um粒径

后段(尺寸24x24x11-1/2")效率，99.97% -2um粒径。

Compressor Filter (Cat. # AR 209)

The media is manufactured from water-resistant glass microfiber and Synthetic. Both edges are using corrugated aluminum separators. Filter media pack to be encapsulated top and bottom with epoxy adhesive. The frame is available for Metal Frame (Galvanized Steel).

Filter size: 24" x 24" x 1-1/2" with efficiency 98% on 10μ particle size.

Filter size: 24" x 24" x 11-1/2" with efficiency 99.97% on 2.0μ particle size (94% ASHRAE Dust Spot).



Cat.No: AR209

空压机过滤网

Compressor Filter

测试方法 Testing Method	粒径 Particle	效率 Efficiency (%)
	10	98%
	2	99.7%
依ASHRAE 52.2标准(德国EN 779) By ASHRAE Standard 52.2 (Equal to EN 779)		

- **特色：**【前段】维修、安装容易，集尘能力佳。
【后段】低压损过滤面积超过20%，提高高速运转机械机械的保护作用。
- **效率：**【前段】滤网依ASHRAE 52.2标准法测试，滤网具比色法效率98%通过10um。
【后段】滤网效率99.97%通过2um。
- **滤材：**【前段】可选用木浆纤维或多元聚酯热熔棉。
【后段】是由超细玻璃纤维所制，滤网顶端及底部以PU胶密封，外框与滤材无泄漏之虞。
- **外框：**框材可选用镀锌铁框或不锈钢框。

First Filter.

· Specifications:

Size:24"×24"×1-1/2".

Filter Media:Synthetic Fiber.

Filter Efficiency:98% on 10 micron particle size or higher.

Frame:Galvanized Steel.

Sealant:Filter media pack to be encapsulated top and bottom with PVC adhesive.

Screen:4×4 Galvanized Metal on upstream face 1/2" Expanded Metal on downstream face.

Removal Strap:Upstream face.

Nominal Rated Capacity:2000 CFM.



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· Features:

- 1.Excellent clean ability. Panel to be cleanable by compressed air or washable by mild detergent.Media pack can remain fine shape and space.
- 2.Ease of maintenance and installation.
- 3.Lower pressure drop, greater dust collection capacity.
- 4.Withstands differential high pressure and prevents contaminant bypass.

Second Filter

· Specifications:

Size:24"×24"×1-1/2".

Filter Media:Water-resistant Glass Microfiber.

Filter Efficiency:99.97% on 2.0 micron particle size (94% ANHRAE Dust Spot).

Frame:12mm Galvanized Steel.

Sealant:Filter media pack to be encapsulated top and bottom with epoxy adhesive.

Gasket:HEPA rated, Gasket seals in frame on downstream or two faces.

Corner Gildes:P.V.C.angle on bottom corners.

Fin Spacers:Corrugated Aluminum

ASHRAE Capacity:585 grams at 4" WG(Independently Tested)

Collapse Strength:Greater than 34" WG(Independently Tested)

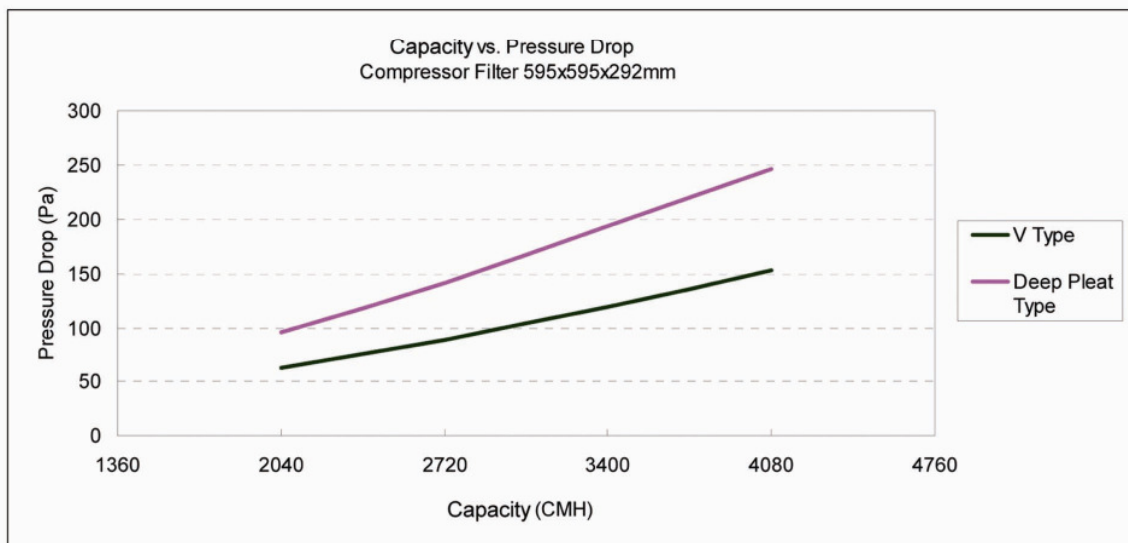
Removal Strap:Pull strap across panel face,easily remove.

Nominal Rated Capacity:2000 CFM.

· Features:

- 1.Heavy duty construction provides additional collapse strength and security.
- 2.Increased extra 20% filtering area for lower pressure drop.
- 3.94% ASHRAE Dust Spot efficiency to provide additional protection for high speed rotating equipment.
- 4.Excellent clean ability. Panel to be cleanable by compressed air or washable by mild detergent. Media pack can remain fine shape and space.
- 5.Greater dust collection capacity.
- 6.Withstands differential high pressure and prevents contaminant bypass.

风量关系曲线图



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中效率滤网性能表 Performance Data

效率 Efficiency (%)	粒径 Particle Size (um)	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)	
					初压损 Initial Resistance	末压损 Final Resistance
前段-木浆纤维、后段-隔板型 First Filter - Wood Pulp Fiber Second Filter - Deep Pleat Type						
98	10	24*24*1-1/2	595*595*38	3400	116	250
99.97	2	24*24*11-1/2	595*595*292	3400	195	500
前段-多元聚酯热熔棉、后段-V型 First Filter - Polyester Second Filter - V Type						
98	10	24*24*1-1/2	595*595*38	3400	82	250
99.97	2	24*24*11-1/2	595*595*292	3400	120	500

* Special Sizes are available upon request.
 ※特殊规格可生产制造。



中效率滤网 Medium Efficiency Air Filter

材质和使用条件

Material and Service Conditions

型式 Type		说明 Description		
总成 Construction	类别 Category	前段 First Filter		后段 Second Filter
	型式 Type	浪型 Corrugated Aluminum Separators		隔板型 Deep Pleat Type V型 V Type
	滤材 Media	木浆纤维 Wood Pulp Fiber	多元聚酯热熔棉 Polyester	玻璃纤维 Glass Fiber
	支撑材 Support Grid	-		波浪隔板 Corrugated Aluminum Separators 热熔胶 Hot Melt Adhesive
	密封胶 Sealant	-		环氧树脂 Epoxy Resin
	垫片材质 Gasket Material	-		新平橡胶 Neoprene Rubber
	垫片位置 Gasket Location	-		双面 Both sides of filter
	外框材质 Housing Material	镀锌铁框 Galvanized Steel		镀锌铁框 Galvanized Steel
	上风处护网 Upstream Face Guard	4*4镀锌铁框 4*4 Galvanized Steel		-
	下风处护网 Downstream Face Guard	Metal1/2"扩张铁网 1/2" Expanded Galvanized		Metal1/2"扩张铁网 1/2" Expanded Galvanized
	拉条 Brace	上风处 Upstream		上风处 Upstream
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)	