

## 中效率滤网 Medium Efficiency Air Filter

### 防盐害空气滤网 (AR208)

滤材为双密度疏水性超细玻璃纤维，连续性折滤材以波浪状铝为隔板。此滤网具有高效盐份捕集力，依ASHRAE52.1-1992标准，比色法效率95%，外框材质可选用木框、金属框之箱型或法兰型。特别设计用于沿海地区工厂、核能发电厂…等。被滤网捕捉之海盐粒子，经湿气潮解溶化后不会再度飞散。

### Salt Proof Air Filter (Cat. #AR 208)

Salt Proof Air Filters are specially designed for the environment like factories, buildings which are located along the beach, Nuclear Power Plants and etc. The filter media is contained two layers of glass micro-fiber in different densities. Media is with excellent water repellency, and provides 95% high efficiency in salt holding capacity (per ASHRAE 52.1-1992 standard, in NBS Test Method).

Both edges of aluminum separators are rolled to prevent media tearing and provide maximum integrity.

The salt will not spray again or hydrolyze by moisture when it is caught by the filter.



Cat.No: AR208

## 防盐害空气滤网

### Salt Proof 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%	14
	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

- **特色**：适用于沿海地区工厂、大楼等，处于含有高浓度盐份的空气中，海盐粒子之粒径为多分散型，粒径分布从0.5um至30um，海盐粒子对金属造成腐蚀生锈，使产品质量不良，防盐害滤网即针对此种环境用途而特别设计之空气过滤网。
- **效率**：依ASHRAE 52.1-1992标准法测试，滤网具比色法效率95%效率之捕集能力，被滤网捕捉之海盐粒子，经湿气潮解溶化后，亦不会再度飞散。
- **滤材**：滤材以粗、密二层玻璃纤维滤材重叠组成，较粗之海盐粒子由粗滤材捕集以减低密滤材之负担，以延长使用时间，滤材具有良好之拨水性，被捕集之海盐粒子不受潮解而有飞散的特性。
- **外框**：框材可选用木框、镀锌铁框、铝框或不锈钢框。

#### · Usage:

1. Buildings, Hotels, Resort Centers.
2. Factories located along the beach.
3. Nuclear Power Plants, Heat Power Plant to prevent electrical insulation due to corrosion.
4. Semiconductor plants to eliminate sodium to have any adverse effects on products.
5. Process of Precision machinery to decrease defective products happen and eliminate the impact of raw materials proportion.

#### · Features:

Salt Proof Air Filters are specially designed for the environment like factories, buildings which are located along the beach, Nuclear Power Plants and etc. Most of particle size of salt is poly-dispersed and in the range of 0.5µm to 30µm. AIRREX Salt-Proof Air Filter provides a 95% high efficiency in salt holding capacity. The salt will not spray again or hydrolyze by moisture when it is caught by the filter.

#### · Construction:

The particle size of salt is in a range of 0.5µm to 30µm. The filter media contains two layers of fiberglass materials in different densities. The rough layer can catch the larger particle size in order to reduce the load of dense media and extends filter's life span.

#### · Media:

The filter media is contained two layers of glass microfiber in different densities. Media is with excellent water repellency, and provides 95% high efficiency in salt holding capacity (per ASHRAE 52.1-1992 standard, in NBS Test Method). Both edges of aluminum separators are rolled to prevent media tearing and provide maximum integrity.

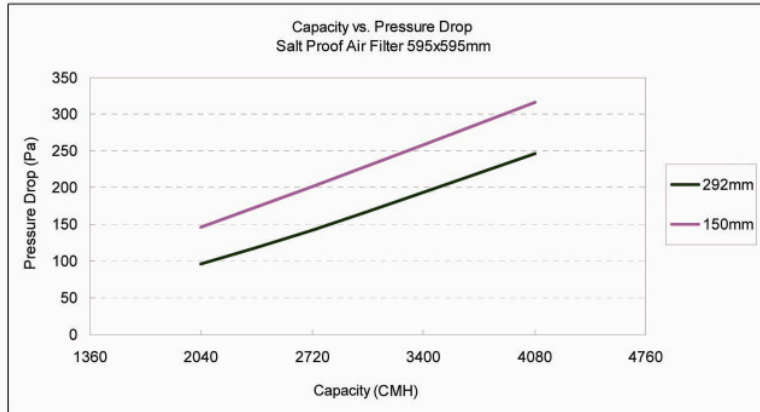
#### · Outer Frame:

The frame is available for Wooden and Metal Frame (Galvanized Steel, Aluminum and Stainless Steel) in box type or header type.



# 中效率滤网 Medium Efficiency Air Filter

## 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 AFL)				初压损 Initial Resistance	末压损 Final Resistance
标准风量 Standard Capacity						
95	> 99	12*24*6	305*610*150	850	117	300
		24*24*6	610*610*150	1700		
		12*24*12	305*610*292	1700	167	350
		24*24*12	610*610*292	3400		
高风量 High Capacity						
95	> 99	12*24*12	305*610*292	2125	174	350
		24*24*12	610*610*292	4250		

\* 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)