



Compressor Filter

	Particle Size	Efficiency (%)
Testing Method	10	98%
	2	99.97%
By ASHRAE 52.1-1992 Standard (Equal to EN 779)		

Pre-Filter Filter:

Specifications:

Size:	24"X24"X1-1/2"
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:	4x4 Galvanized Metal on upstream face 1/2" Expanded Metal on downstream face
Removal Strap:	Upstream face
Nominal Rated Capacity:	2500 CFM

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.

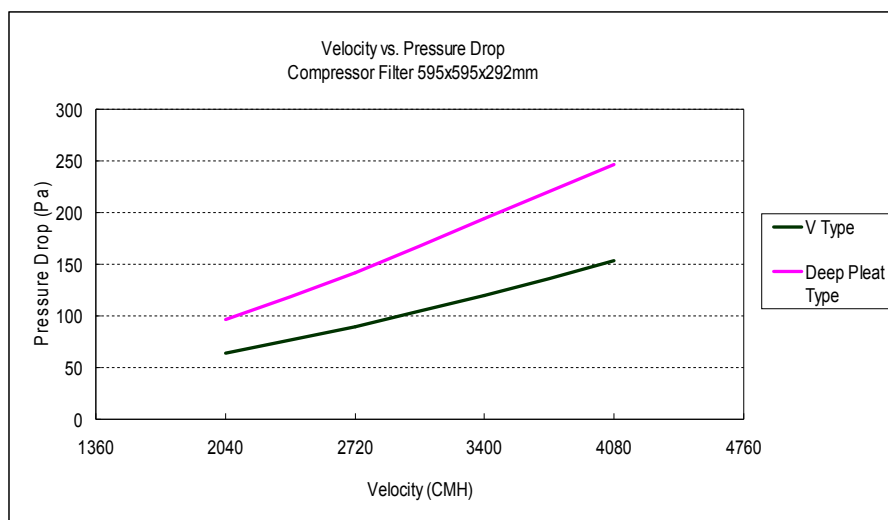
Fine Filter (HEPA)

Specifications:

Size:	24"X24"X11-1/2"
Filter Media:	Water-resistant Glass Microfiber
Filter Efficiency:	99.97% on 2.0 micron particle size (94% ASHRAE 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 Glides:	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:	2500 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.



Performance Data - Compressor Filter

Efficiency	Particle Size	Nominal Size	Actual Size	Rated Capacity	Pressure Drop	
		(W*H*D)	(W*H*D)		(Pa)	
(%)	(um)	(inch)	(mm)	(CMH)	Initial Resistance	Final Resistance
Pre-Filter – Wood Pulp Fiber						
Fine Filter (HEPA) – 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
Pre-Filter – Polyester						
Fine Filter (HEPA) – 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.

Material and Service Conditions

Type		Description				
Construction	Category	Pre-Filter			Fine Filter (HEPA)	
	Type	Corrugated Aluminum Separators			Deep Pleat Type	V Type
	Media	Wood Pulp Fiber	Polyester		Glass Fiber	
	Support Grid	-			Corrugated Aluminum Separators	Hot Melt Adhesive

Material and Service Conditions

Construction	Sealant	-	Epoxy Resin
	Gasket Material	-	Neoprene Rubber
	Gasket Location	-	Both sides of filter
	Frame Material	Galvanized Steel	Galvanized Steel
	Upstream Face Guard	4*4 Galvanized Metal	-
	Downstream Face Guard	1/2" Expanded Galvanized Metal	1/2" Expanded Galvanized Metal
	Brace	Upstream	Option
Service Conditions	The maximum continuous use temperature	°C	60
	Instant Highest Humidity	% RH	100 (No condensation state)



晟鼎科技股份有限公司

AIRREA CO., LTD.

2F., No. 5, Baoqing St., Xindian City, Taipei County 231, Taiwan

TEL: +886-2-29182914 FAX: +886-2-29109995

<http://www.air-rex.com.tw>

台北縣新店市寶慶街5號2樓