



## C Filters

### Product Brochure 2010

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#### V-FORM FILTERS Standard and special sized V-Form Filters Item Number: CFVF

Standard V-form filters in 40mm, 45mm and 90mm, 95mm channel.

295 x495(12 x 20) 295 x595(12 x 24) 395 x 395 (16 x 16) 395 x495(16 x 20) 395 x595(16 x 24)

395 x622(16 x 25) 445 x495(18 x 20) 445 x595(18 x 24) 495 x495(20 x 20) 495 x595(20 x 24)

495 x622(20x 25) 495 x749(20 x 30) 595 x595(24 x 24) 595 x622(24 x 25 )

We are also able to produce Aluminum framed filters, stainless steel in 304 grade or 316 grade which is ideal for the food manufacturing industry or pharmaceutical companies.

**Filters can be made into any size required**

#### CARDBOARD DISPOSABLE PANELS Quality cardboard filters. Item Number: CFCB

Applications.	Coarse particle filtration.
Type.	Pleated panel filter.
Frame and Grids.	Water resistant cardboard.
EN 779 Class.	G4
Average arrestance.	92% (ASHRAE 52.1-1992)
MERV	MERV 9 (ASHRAE 52.2-1999)
DIN 53438 Flammability	F1
UL 900 Standards.	CLASS 2
Final pressure drop.	(recommended) 200Pa - (maximum) 250Pa
Max. Air flow rate.	125% of nominal air flow rate
Max. Operating temperature.	70°C
Max. Relative humidity.	100%

<b>CARDBOARD DISPOSABLE PANELS</b>		<b>Filter media- Synthetic fibre.</b>						
Type	Class	Arrestance	Dimensions			Filtering surface (m <sup>2</sup> )	Rated air flow (m <sup>3</sup> /h)	Initial pressure drop (Pa)
			Length (mm)	Height (mm)	Depth (mm)			

CFCB242445	G4	90-94%	595	595	45	1.10	3000	80
CFCB202045	G4	90-94%	495	495	45	0.75	2000	80
CFCB202445	G4	90-94%	595	495	45	0.90	2500	80
CFCB202545	G4	90-94%	622	495	45	1.12	3000	80
CFCB162045	G4	90-94%	495	395	45	0.75	1500	80
CFCB162545	G4	90-94%	595	395	45	0.75	2000	80
CFCB122445	G4	90-94%	595	295	45	0.55	1500	80
CFCB242495	G4	90-94%	595	595	95	2.00	3500	100
CFCB202495	G4	90-94%	595	495	95	1.60	3000	100
CFCB202595	G4	90-94%	622	495	95	2.00	3000	100
CFCB162495	G4	90-94%	595	395	95	1.30	2300	100
CFCB122495	G4	90-94%	595	295	95	1.00	1750	100
CFCB202095	G4	90-94%	495	495	95	1.30	2300	100
CFCB162095	G4	90-94%	495	395	95	1.00	1750	100

## BAG FILTERS & FRAMES Australian Made frames and bags.

BAG FILTERS Item Code: CFBF

Common Filter Bags usually in stock:

Three Pocket Bag 600 Deep

Three Pocket Bag 400 Deep

Four Points (FPB)

P-Cube (PSQ)

P-Cone (PCO)

Tri-cell (TPB)

Small Wedge Type (MIW)

Large Wedge Type (MAW)

Also available in half sizes

Any Bag available can be made, just provide a sample.

## BAG FILTER FRAMES Australian standard AS.1324.2 . Item Code: CFBF

We use 1.2 mm galvanized BlueScope Australian steel.

We then give you the option of powder coating for double protection.

These frame combinations are 100% Australian made using 100% Australian product.

## FLAT PANEL FILTER 20-50 MM Available in any size requirement. Item Code: CFFP20-50

Available in either 20mm, 25mm, 45mm.

Comprising of .75mm Galvabond channel and

1.25mm welded wire mesh including your choice of media rated from G4 to F5.

Filters can be made into any size required

**FLAT PANEL FILTER 8-11 MM** Available in any size requirement. Item Code: CFFP8-11

8mm or 11mm Type panel filters comprising of Australian made mill finish aluminum frame.  
G-2 grey white filter media is standard, also make with electrostatic low pressure drop media.

### **ELECTROSTATIC MEDIA AIR FILTER**

Electrostatic media filters attract and trap airborne particles.

Electrostatic media filters are easy to clean and offer a long life with a very low pressure drop.

**Filters can be made into any size required**

**RELOADABLE PANEL FILTER** reloadable media filters, suit a multitude of uses, ideal for home air conditioning uses. Item Code: APFRP

Standard galvanized frame in depths of 20, 25 or 50mm.

Fixed frame system that is available in any size.

No holding frame is required.

Only replacement item on the filter is the filter media.

G3-F5 classification.

Stainless steel available – ideal for food manufacturers.

Powder coating available when required.

Fibreglass mist eliminator pads available on request – ideal for high mist or steam environments.

Through fast and efficient servicing of this filter, it allows for the reduction in future maintenance costs.

**This filter has been designed so that the media is the only replacement item contained in it.**

To replace this, simply unclip the frame, allowing for easy media replacement.

Media can be purchased pre-cut to the correct size of the frame.

The gate, which sits in the filter, prevents the dislodging of media whilst the filter is in operation.

**Filters can be made into any size required**

### **FILTER MEDIA**

Technical Data	Model		
	CF1002	CF1001B	CF2031
Average Arrestance (EN779)	86%	86%	91%
Initial Efficiency	<30%	<30%	<40%
Air Velocity (m/s)	1.5	1.5	1.5
Initial Pressure Drop (Pa)	25	35	40

Final Pressure Drop (Pa)	150	200	250
Dust Arrest Capacity(g/m <sup>2</sup> )	400	500	620
Class (EN779)	G3	G4	G4
Temperature Resistent °C	100	100	100
Thickness(mm)	10-12	13-15	18-20
Humidity	100%	100%	100%
UL 900 Standard	CLASS 2	CLASS 2	CLASS 2
Roll Size (m)	2*20	2*20	2*20

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