

# CP4 Synthetic Bag Filter

## Fire Rated BS5588 Part 9 (CP413)

### GENERAL DESCRIPTION

The CP4 is a general use bag filter, suitable for fresh air intakes and heavy loading situations. Manufactured from a deep loft graduated density filter media this provides exceptional dirt loading and long life in even the most testing situations. This bag filters is ideal as a grease eliminator in extraction systems off commercial kitchens, bakerys restauarnts and food preparation areas.

### Construction

This product is made by mounting a series of filter pockets on a metal slide channel header frame.

### Features

- Rolled safety edge to prevent the material being cut and to prevent injury to the engineers who handle them
- Stiffened filter media to give stability in all air-flows, even VAV systems
- anti-microbial
- Fire retardent certified to BS5588 Part 9 (CP413)
- The media has a Graduated Density for even dirt loading, which gives greater dust holding and longer filter life.
- Has a low pressure drop



Filter Efficiency to BS EN 779		<b>G4</b>
Rating to ASHRAE 52.2 Test Standard		<b>Merv 9</b>
Pocket Depth	Rated Airflow	Initial Pressure Drop
300mm	1.7m/sec	30Pa
350mm	2.46m/sec	30Pa
600mm	3.3m/sec	50Pa
Final Recommended Pressure Drop		250Pa

#### ENVIRONMENT



EMS 81914  
BS EN ISO 14001:2004

#### QUALITY



FM 29257  
BS EN ISO 9001:2000

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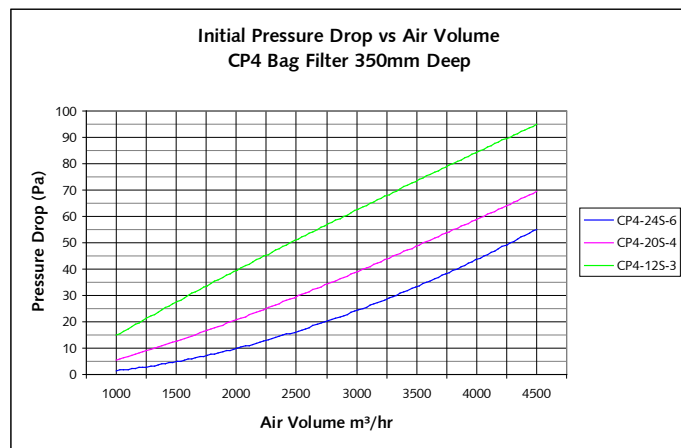
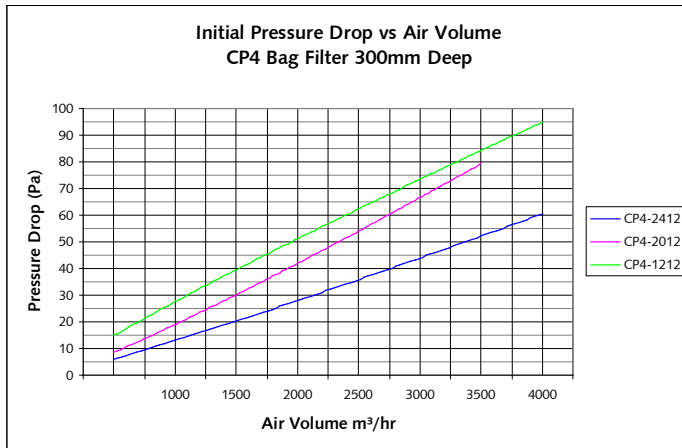
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# STANDARD SIZES

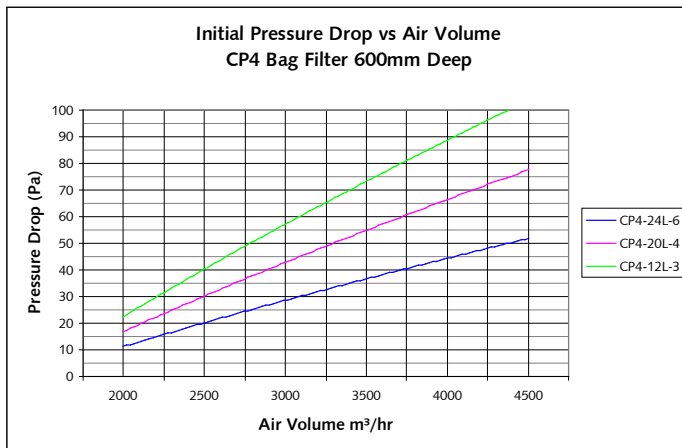
## Series 300 - Economy configuration

Part Number	Header Dimensions			Pocket Details		Capacity m <sup>3</sup> /hr
	Height (mm)	Width (mm)	Thickness (mm)	Depth (mm)	No. of Pockets	
CP4-1212	592	287	20	300	2	1000
CP4-2012	592	492	20	300	3	1800
CP4-2412	592	592	20	300	4	2100



## Series 350 - Low Initial Pressure Drop Configuration

Part Number	Header Dimensions			Pocket Details		Capacity m <sup>3</sup> /hr
	Height (mm)	Width (mm)	Thickness (mm)	Depth (mm)	No. of Pockets	
CP4-12S-3	592	287	20	350	3	1500
CP4-20S-4	592	492	20	350	4	2500
CP4-24S-6	592	592	20	350	6	3100



Other header thickness available:  
12mm, 15mm, 22mm, 25mm, 33mm, 38mm

Other Standard Pocket Depths:  
229mm, 500mm, 559mm

**ANY** other size and pocket configuration  
made to specific requirements.

## Series 600 - Long Pocket, long Life, High Capacity Configura-

Part Number	Header Dimensions			Pocket Details		Capacity m <sup>3</sup> /hr
	Height (mm)	Width (mm)	Thickness (mm)	Depth (mm)	No. of Pockets	
CP4-12L-3	592	287	20	600	3	2000
CP4-20L-4	592	492	20	600	4	3460
CP4-24L-6	592	592	20	600	6	4200