JASUN FILTRATION PLC

Carbon Filter Solutions

Jasun Filtration are able to offer tailored solutions to gas and odour problems with its wide range of carbon filters, filter housings and testing services.

Typical Applications

- Elimination of Cooking Odours
- Removal of Kerosene Exhaust Fumes
- General Odour Removal
- Smoke Removal
- Neutralisation of Ammonia and its Derivatives
- Removal of Formaldehyde
- Removal of Airborne Pollutants and Contaminants
- Removal of Acid Gases (H_2S, SO_2, NOX, HCl)

Filter Types

MultiCarb Cells - these are fully disposable (discarb) multi panel modules which allow for simple integration into filter housings, either our own, or our customers own.

Single Panels - these are available from 12mm to 150mm thick in any carbon grade, also as combination grades suitable for fume cabinets and mixed gas applications.

Adcell Modules - these are plastic re-usable cells which offer the versatility of any carbon grade and the cost effectiveness of re-use. These cells are lighter than the multicarb cells and should be seriously considered when the application calls for difficult access for filter changes.

Netapleat RPC - Plastic Cased Rigid Bag Filters

CB Bag **Filters** - Carbon Impregnated pocket filters

Enviropleat Panel Filters - Carbon Impregnated pleated Panel Filters

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CP4 Synthetic Bag Filter
Fire Rated BS5588 Part 9 (CP413)

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 lo and long life in even the most testing situations. This bag filters is ideal as a grease eliminator extraction systems off commercial kitchens,bakerys restauants and food preparation areas

Construction

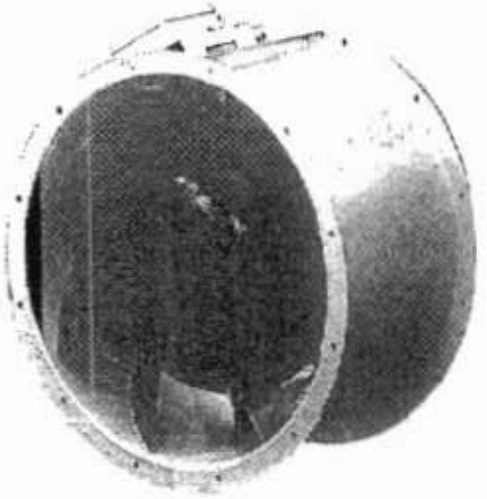
This product is made by mounting a series of filter pockets on a metal slide channel header frame.

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 airflows, 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 EN779:	
Rating to ASHRAE 52.2 Test Standard:	
Pocket Depth	Rated Airflow
300mm	
350mm	
600mm	
Final Recommended Pressure Drop:	



SPECIFICATION

Casing
Galvanised sheet steel. Larger models are steel and galvanised after manufacture.

Impeller
High efficiency mixed flow impeller made of polymers to 355 mm size and larger sizes of steel galvanised after manufacture.

Motor
Totally enclosed IP 54/55. Sealec for life ball bearings.

Motor protection
Thermal contacts as standard - should be connected to a Helios motor protection unit MW or MD.

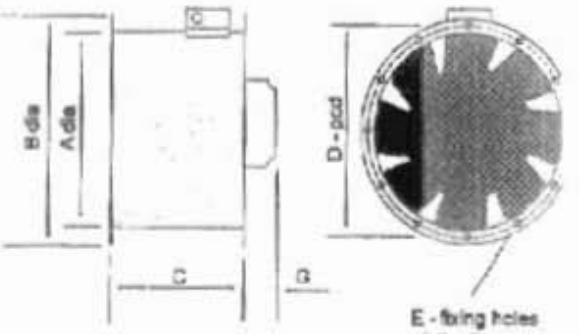
Terminal box
All terminal boxes are mounted on the casing and IP 44.

Guide vanes
All models have guide vanes round the motor protection tube.

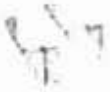
Speed control
All models are speed controllable using the controllers below.

Installation
Installation in any position.

Sound levels
The sound levels given below are dB(A) at a distance of 4 metres.



ANCILLARIES








Fan nominal size in mm	Ancillary kit 2-feet, 2-flex flanges & evm	Feet (pair)	Flange	Flexible connector (pair)	Guard	Anti-vibration mountings (set of 4)	Silencer (RSD diafength)
225	AK 225	MK 200-225	FR 225	FM 225	SG 225	SDD 1	
250	AK 250	MK 250-280	FR 250	FM 250	SG 250	SDD 1	RSD 250/600
280	AK 280	MK 250-280	FR 280	FM 280	SG 280	SDD 1	RSD 280/600
315	AK 315	MK 315-355	FR 315	FM 315	SG 315	SDD 1	RSD 315/600
355	AK 355	MK 315-355	FR 355	FM 355	SG 355	SDD 1	RSD 355/600
400	AK 400	MK 400-450	FR 400	FM 400	SG 400	SDD 1	RSD 400/600
450	AK 450	MK 400-450	FR 450	FM 450	SG 500	SDD 1.5	RSD 450/600
500	AK 500	MK 500-560	FR 500	FM 500	SG 560	SDD 1.5	RSD 500/600
560	AK 560	MK 500-560	FR 560	FM 560	SG 710	SDD 1.5	RSD 560/600
630	AK 630	MK 630	FR 630	FM 630	SG 630	SDD 1.5	RSD 630/600
710	AK 710	MK 710	FR 710	FM 710	SG 630	SDD 2	RSD 710/600

DIMENSIONS

Fan nominal size in mm	Dimensions in mm						
	A	B	C	D	E	F	G
225	225	277	300	259	8	8	-
250	250	305	300	286	8	8	-
280	280	246	330	322	8	9.5	-
315	315	380	300	368	8	9.5	55
355	355	420	300	365	8	9.5	145
400	400	466	330	438	12	9.5	256
450	450	515	350	487	12	9.5	360
500	504	559	350	541	12	9.5	425
560	560	640	420	605	16	11.5	255
630	630	710	420	674	16	11.5	310
710	710	810	570	751	16	11.5	340