

Baffle Filter Model GFBS



GENERAL DESCRIPTION

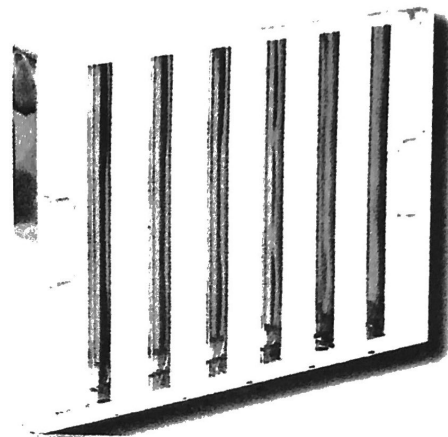
These filters are designed for use in commercial kitchens and ventilation from food preparation areas where their primary function is to prevent flame from travelling from the cooking area up into the extract duct.

Construction

These filters are manufactured by rolling stainless steel to create a series of baffle plates which are welded onto a sub frame. The sub frame is then wrapped with the outer frame.

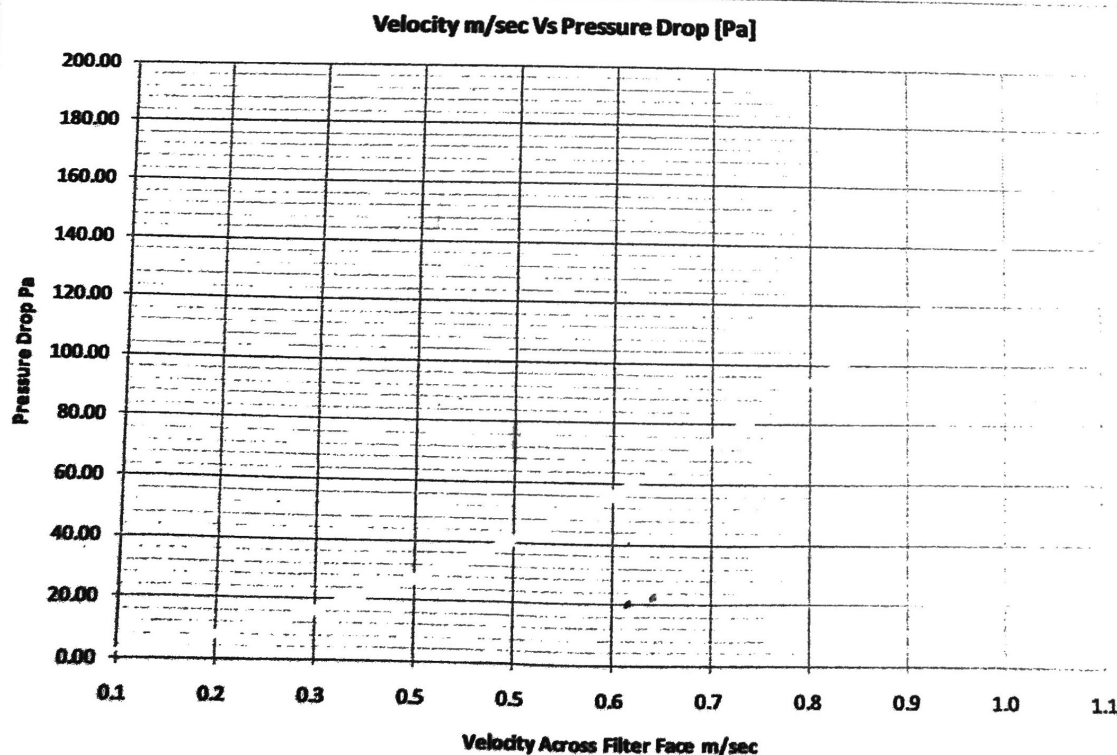
Features

- Strong Double frame construction
- Scratch Free outer surface
- Bright Polished Surface
- Fold down handles
- Drain Holes
- Rolled Safety Edges
- Low Pressure Drop
- Ex-Stock Delivery



Frame Material

- Stainless Steel to Specification BS1449(2)
- Bright Polished Surface



V Line Pleated Panel Filter Economy Standard



JASUN
ENVIROCORE PLC

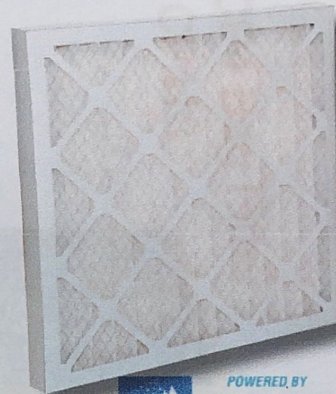


General Description

The V Line pleated Panel filter is a standard capacity disposable product offering a better than basic level of filtration, or pre-filtration in HEVAC applications. This product is made using patented Kimberly Clark media which delivers a constant level of filtration over its life.

Construction

This product is constructed by bonding a pleat pack of Intrepid V Line media into a water repellent AquaKote card frame



Features

The Frame is made from AquaKote card which has

- Superior tear resistance when wet
- Great dry tear resistance and
- Manufactured from a renewable source.

Kimberley Clark Patented Intrepid Media

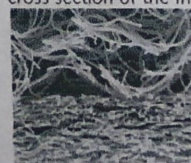
- Has a Graduated Density for even dirt loading , resulting in greater dust holding
- Hydrophobic – so will not load with moisture in the air
- Has a constant efficiency due to its extra electrostatic charge
- Superior Efficiency V's Particle size (see table)
- Has a low pressure drop
- Is made form continuous fibres so will not shed

Test Comparing Filtration efficiency V's different sized particles. Intrepid Media V's Cotton Polyester Filters

Particle Size Rang(mm)	Initial Fractional Efficiency(%)	
	V Line Intrepid	The "best" Cotton Poly Alternative
0.3-0.4	7	2
0.4-0.55	15	6
0.55-0.7	28	11
0.7-1.0	41	19
1.0-1.3	52	24
1.3-1.6	58	28
1.6-2.2	63	32
2.2-3.0	67	36
3.0-4.0	70	37
4.0-5.5	71	38
5.5-7.0	72	38
7.0-10.0	73	39

Filter Efficiency to BS EN 779		G4
Rating to ASHRAE 52.2 Test Standard		Merv 8
Filter Thickness	Rated Airflow	Initial Pressure Drop
20mm	1.5m/sec	60Pa
45mm	2.0m/sec	62Pa
95mm	2.5m/sec	80Pa
Final Recommended Pressure Drop		250Pa

Hi Magnification photo showing the cross section of the Intrepid media



Coarse
↓ Airflow
Fine



STANDARD SIZES

CleanPak CP4 Bag Filter 40 Fire Rated CP413

General Description

The Cleanpak, fire rated range of bag filters are used widely in government buildings, hospitals and other sensitive areas. This grade of filter is suitable for air condition to offices, theatres, computer rooms and spray booths.

Meets NHS HTM03 Filter Specification

Construction

Cleanpak bag filters are manufactured by mounting the 100% polyester synthetic media into a galvanised steel header frame. Corrosion resistant

Features

- Efficient mechanised manufacturing techniques delivery cost effective filtration
- Polyester Media delivers fire rating to CP413
- Rolled safety edge to prevent the material being cut and to prevent injury to the engineers who handle them
- Extra depth filter layer which provides extended filter life
- Versatile manufacture - available in most sizes and pocket configuration
- FREE gasket - simply specify side, face or back.
- Packed individually in a plastic bag and then into strong cartons for safe transportation and storage.

Filter Media

- Is polyester
- Deep Filtration layered
- Is available any size
- Is totally non toxic and non irritant
- Is very inexpensive
- Is fire retardant
- No Fibre Shedding

Operating Temperature

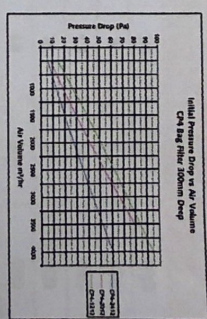
Continuous 80 °C/176°F



Filter Efficiency to BS EN 779:2012			G4
Pocket Depth	Rated Airflow	Initial Pressure Drop	
300mm	1.70m/sec	30Pa	
355mm	2.46m/sec	30Pa	
600mm	3.30m/sec	50Pa	
Maximum Final Recommended Pressure Drop			250Pa
Minimum Velocity required			2m/sec

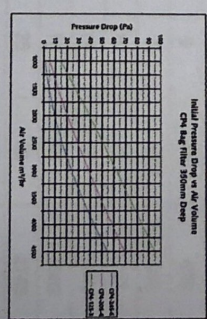
Series 300 - Economy Configuration

Part Number	Header Dimensions			Pocket Details		Capacity m³/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



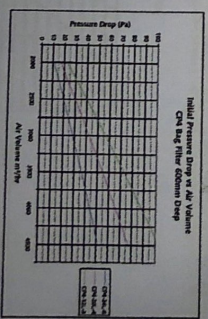
Series 350 - Low Initial Pressure Drop Configuration

Part Number	Header Dimensions			Pocket Details		Capacity m³/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-5	592	592	20	350	6	3100



Series 600 - Long Pocket, long Life, High Capacity Configuration

Part Number	Header Dimensions			Pocket Details		Capacity m³/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



Options

Standard header frame depth is 20mm, also available 12mm, 15mm, 25mm, 33mm

Pocket Depths of 229mm(9"), 300mm(12"), 380mm (15"), 450mm (18") 530mm (21"), 635mm(25"), 760mm(30") Also available.

Other Pocket configurations available to order, for instance 8 pockets across a 592mm wide frame.

Production and Filter Sales
Riverside House, Parnell Way, Enniscorthy, Co. Wick
T: 01278 452277 F: 01278 450874
www.jasun.com

Filter Service and Air Hygiene
5 Sheehy Hill, Dublin Ave, Wick
T: 01278 441100 F: 01278 441100
www.jasun.com

Discarb Activated Carbon Units

General Description

These filters are manufactured for ease of installation and incorporation into ducted air systems. They can be used on both supply for purifying incoming air, and can be used on the extract to remove toxic gasses and odours generated within a process.

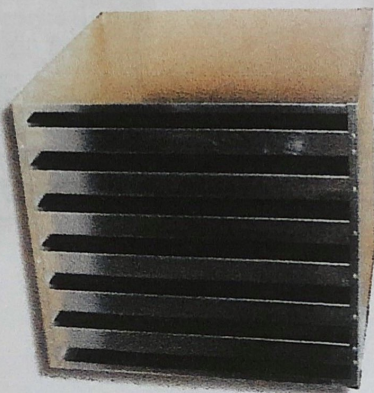
Construction

These modules are manufactured by mounting a series on carbon panel filters with a sealed case. The airflow is optimised by presenting the filtering surfaces in a "V" formation.

Each carbon panel is sealed into the filter case so as to ensure no air can bypass the carbon granules.

The panels are manufactured using long established bonding techniques which hold the activated carbon granules in a rigid biscuit. The biscuit is encapsulated in a carbon impregnated cloth which prevents any leakage of granules or powder.

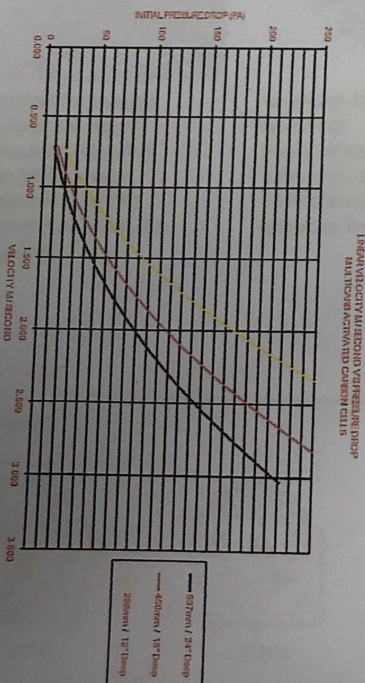
The unique bonding method used by Jasun Envirocare ensures that, unlike our competitors filters, that the panels will remain intact and rigid even if wet.



Application	Recommended Dwell Time	Grade	Suffix
Cooking - General Restaurant	0.1 to 0.2 Seconds	Carbon grade Enhanced for improved performance for light catering odours	-ACO
Cooking - Spicy, Indian	0.2 to 0.4 Seconds	Enhanced Carbon grade suitable for many applications 65% Minimum CTC	-AC
Reduction of Kerosene Exhaust fumes	0.1 to 0.2 Seconds	General Purpose Activated Carbon	-ACS
Reduction of Ozone	0.2 Seconds	Carbon Museum Archive, Café	-ACS
Reduction of Diesel Fumes, including H ₂ S, SO ₂ , NO _x , HCl	0.2 Seconds	Carbon Museum Archive, Café	-ACU
Museum and Archives	0.2 Seconds	Carbon Museum Archive, Café	-ACU
Mortuary / formaldehyde reduction	0.4 Seconds	Mortuary Grade, formaldehyde Removal	-ACMO

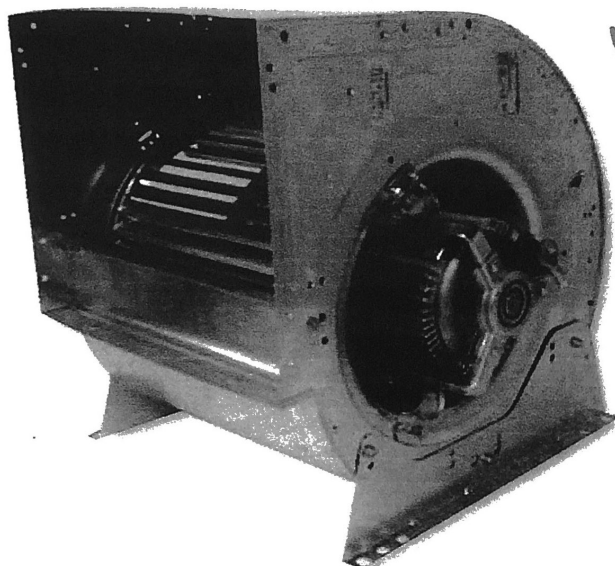
Discarb Units STANDARD SIZES

No.	Nominal Size (Inches)	Height (mm)	Width (mm)	Depth (mm)	Weight of Carbon (Kg)	Cell Weight	Capacity @ 0.1 Second Dwell Time
DC-CF1	24 x 24 x 8	594	594	197	10	22	800
DC-CF1-HALF	24 x 12 x 8	594	291	197	5	11	400
DC242412/8	24 x 24 x 12	594	594	292	13	24	990
DC121212	12 x 12 x 12	297	297	297	6	12	450
DC181812	18 x 18 x 12	445	445	297	13	25	990
DC241212	24 x 12 x 12	594	297	297	13	25	990
DC242412	24 x 24 x 12	594	594	297	25	36	1900
DC-CF2	24 x 24 x 16	594	594	397	18	34	1370
DC-CF2-HALF	24 x 12 x 16	594	291	397	9	18	685
DC-WA15-208	24 x 6 x 18	144	600	440	7	13	533
DC121218	12 x 12 x 18	292	292	451	10	15	761
DC181818	18 x 18 x 18	445	445	451	19	26	1445
DC241218	24 x 12 x 18	594	297	451	18	26	1369
DC242418	24 x 24 x 18	594	594	451	36	52	2740
DC121224	12 x 12 x 24	292	292	597	13	19	990
DC181824	18 x 18 x 24	445	445	597	25	36	1900
DC241224	24 x 12 x 24	594	297	597	25	36	1900
DC242424	24 x 24 x 24	594	594	597	50	61	3600



LOW PRESSURE CENTRIFUGAL FANS
CBM Series

④



ErP
OK

Range of double inlet direct driven low pressure centrifugal fans manufactured from galvanised sheet steel. All the models are fitted with forward curved centrifugal impellers manufactured from galvanized sheet steel.

Motors

Housing closed motors, IP44, class F, equipped with thermal protection and ball bearings greased for life.

Electrical supply:

4 or 6 pole depending on version.

Single phase 230V-50Hz (capacitor fitted on the fan housing).

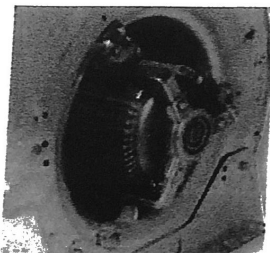
Three phase 230/400V-50Hz.

[See characteristics chart].

On request

Housing open motors IP20, class F. Coupling flange fitted at the fan outlet (B version).

Special version kitchen IP55, class F. Three phase motors suitable for frequency inverter control.

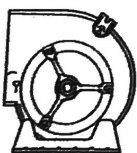


Anti-vibration mounts
All motors are fitted with support including rubber antivibration mounts reducing the noise transmitted to the installation.

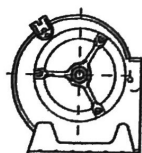


Impeller dynamically balanced
Impeller dynamically balanced, according to ISO 1940 standard, providing vibration free operation.

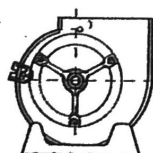
POSITIONS



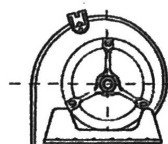
LG 90



LG 270



LG 0



LG 180

Mounting feet (accessory) allow 4 positions of the inlet discharge.

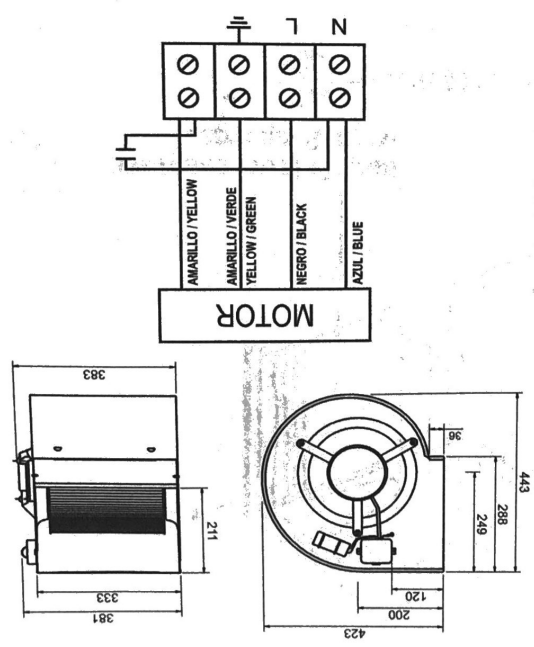
CBM-10/10 4P VR

550W

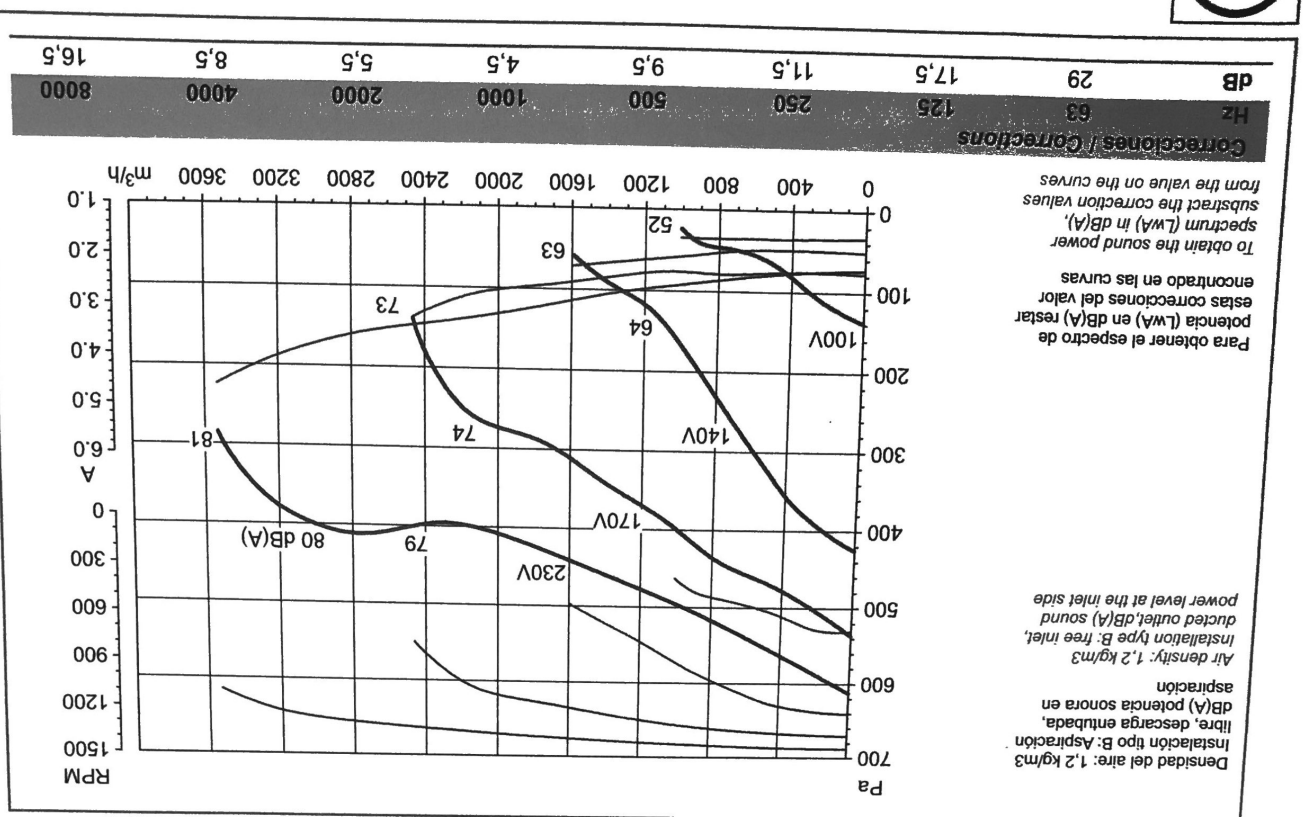
Características

Tensión	Monofásica 230V 50Hz
Tipo motor	1V IP20 c.l.F
Velocidad	4 polos
Speed	4 poles
Potencia motor	550 W
Intensidad absorbida máxima	4,60 A
Condensador	25 F/450V
Temperatura del aire	-20°C<T<+40°C
Peso	15,9 kg
Código ventilador	5128071700
Fan code number	5128271300 (MP)
Código motor	9073003500

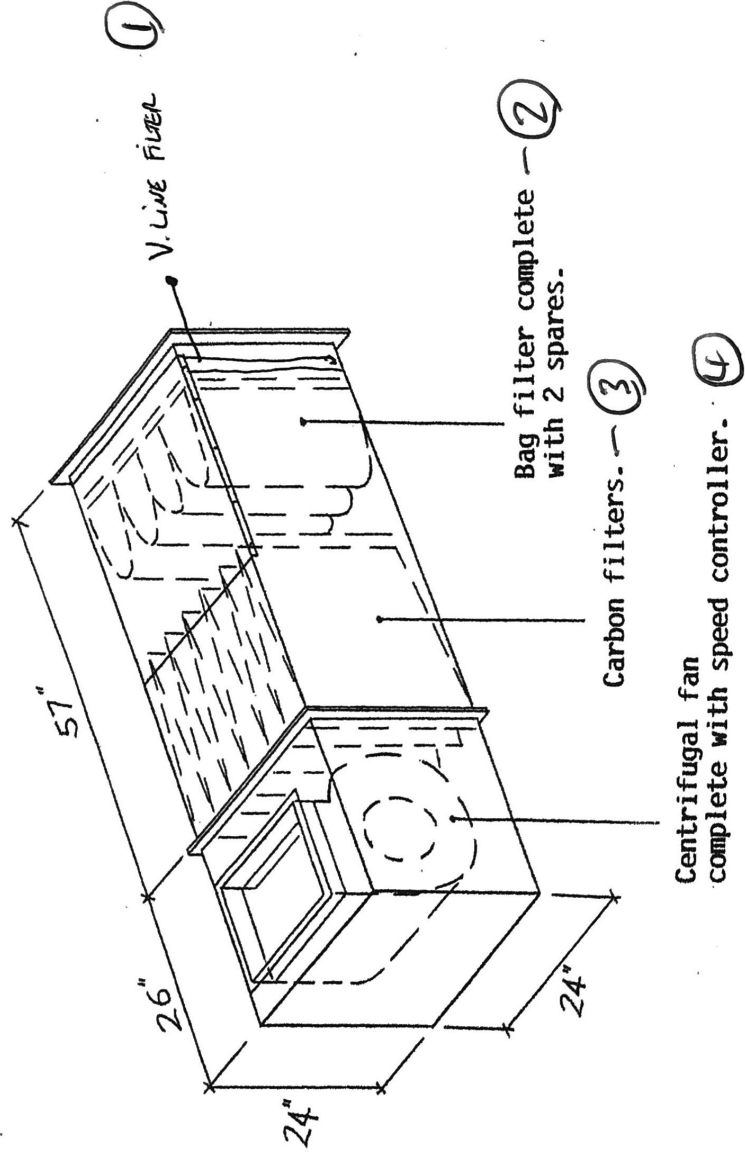
Dimensiones y conexiones



Curvas características / Performance curves (12/03/2009)



CARBON FILTER UNIT



Unit is shown complete with either a base frame or cantilever brackets with anti-vibration mountings - as suitable to each situation.

Air Movement Supplies Limited
 Unit 2, Marshlands Road Industrial Estate, Farlington, Portsmouth, PO6 1ST
 Tel: 02392 201930 Fax: 02392 201931
 Email: sales@airmovementsupplies.com web: www.airmovementsupplies.com

TYPE R4 ATTENUATOR STATIC INSERTION LOSS

SILENCER.

SILENCER. → 1000

LENGTH MM	HZ 63	125	250	500	1000	2000	4000	8000
600	5	8	12	23	30	30	23	18
1000	6	10	16	30	37	37	30	24
1200	7	13	22	38	47	47	40	29
1500	8	16	26	42	49	49	45	32
1800	9	18	31	46	50	50	47	34
2100	11	20	36	50	50	50	50	41
2400	12	22	40	50	50	50	50	47

ALL UNITS OVER 1500 MM LENGTH ARE SUPPLIED IN 2 PARTS, COMPLETE WITH CLAMPS FOR SITE ASSEMBLY BY OTHERS

ALL ORDERS ARE SUBJECT TO OUR TERMS AND CONDITIONS OF TRADING AND CARRIAGE. E & OE.
 Company registration number 4310038. Registered at: Hound Nursery, Hamble Lane, Netley Abbey, Southampton, SO31 5FT

PRODUCT CODE

WEIGHT RANGE

NOMINAL DEFLECTION

VT/0 - BLUE
VT/0 - YELLOW
VT/0 - GREEN
VT/0 - WHITE

2.5 to 5.0 Kg.
4.0 to 8.0 Kg.
7.0 to 14.0 Kg.
9.0 to 18.0 Kg.

3.0 mm
3.0 mm
3.0 mm
3.0 mm

VT/1 - BLUE
VT/1 - YELLOW
VT/1 - GREEN
VT/1 - WHITE
VT/1 - RED

9.0 to 18 Kg.
14 to 28 Kg.
20 to 40 Kg.
27 to 54 Kg.
36 to 72 Kg.

4.0 mm
4.0 mm
4.0 mm
4.0 mm
4.0 mm

VT/2 - BLUE
VT/2 - GREEN
VT/2 - WHITE
VT/2 - RED
VT/2 - BLACK

18 to 60 Kg.
54 to 108 Kg.
90 to 180 Kg.
135 to 270 Kg.
180 to 360 Kg.

5.0 mm
5.0 mm
5.0 mm
5.0 mm
5.0 mm

VT/3 - BLUE
VT/3 - YELLOW
VT/3 - GREEN
VT/3 - WHITE
VT/3 - RED

9.0 to 18 Kg.
14 to 28 Kg.
20 to 40 Kg.
27 to 54 Kg.
36 to 72 Kg.

9.0 mm
9.0 mm
9.0 mm
9.0 mm
9.0 mm

VT/4 - BLUE
VT/4 - GREEN
VT/4 - WHITE
VT/4 - RED
VT/4 - BLACK

18 to 60 Kg.
54 to 108 Kg.
90 to 180 Kg.
135 to 270 Kg.
180 to 360 Kg.

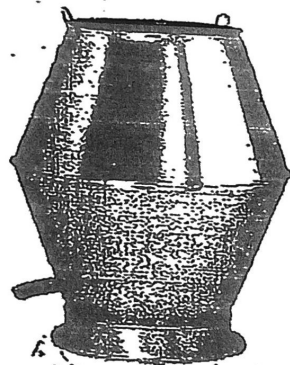
10.0 mm
10.0 mm
10.0 mm
10.0 mm
10.0 mm

RESEARCH AND DEVELOPMENT IS ONGOING & UNLESS STAMPED CERTIFIED (VALIDITY 3 MONTHS) THIS DATA SHEET IS ONLY CORRECT AT DATE OF ISSUE

ANTI - VIBRATION
MOUNTS

Website Feature by:
Xtant Desi
www.dv8-web

Roof hood



Description

Ventilation hood for air exit above roof, suitable for both industrial and comfort ventilation. The air is ejected in an upwards-directed jet. This avoids contaminating the air in the vicinity of the hood, and soiling of the area around the hood. The ejection is so effective that you can install a fresh air inlet in the immediate vicinity of the hood, without any special precautions.

The hood is made of galvanised sheet steel, and can also be supplied in other materials such as stainless steel, aluzinc and painted in various colours, to special order. It has a net over the opening and an internal rain funnel to collect rain-water and snow, which is drained out of the hood through a hose. The hose can withstand temperatures of between -45 and +65 °C.

The hood has a flange connection, which includes a mating flange. The hood can be ordered with other connections, however.

To avoid damage to the net in the opening the hood is supplied with transport protection. This must be removed before the hood is taken into service.

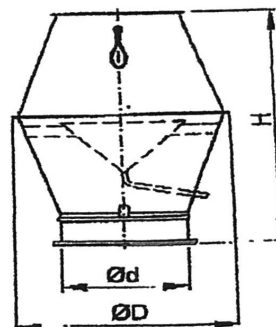
The hood can be supplied with four anchorage eye-bolts to special order.

The hood is delivered with three turnable lifting and fastening wire-loops. A single wire-loop shall not be exposed for forces exceeding 1500 N.

Ordering example

Product **HF** **630**
Dimension Ød

Dimensions



Ød nom	ØD mm	H mm	m kg	Roof through connection TGR	
				50 mm Size	100 mm Size
400	685	905	11,1	5	6
500	855	1055	20,0	6	7
630	1075	1295	38,0	8	9
800	1380	1640	63,0	9	10
1000	1600	2110	89,1	11	12
1250	2020	2615	118	14	15

Technical data

