

To Whom It May Concern:

Re: 43 Peel Hall Road

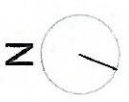
Below are the details of the extractor canopy that will be installed in the above premise.

1. The extractor canopy is manufactured from a 430 grade stainless steel, housing 5 grease filters. Dimensions of canopy 3000mm x 1200mm x 500 mm
2. The fan motor used in the system is manufactured from floktwoods (450mm longcase)
3. 2 silencers 450mm x 600mm
4. An odour control unit will be fitted along with extra grease filter

Please have a look at the drawings provided and the Technical details sheets.

If you have any questions, please feel free to contact us.

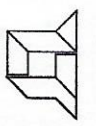
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858-866 Stockport Road
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General Notes:

All site dimensions shall be verified by the Contractor on site prior to commencing any works.
Do not scale from this drawing.
Design intent drawing only. Construction to comply with latest building regulation requirements.
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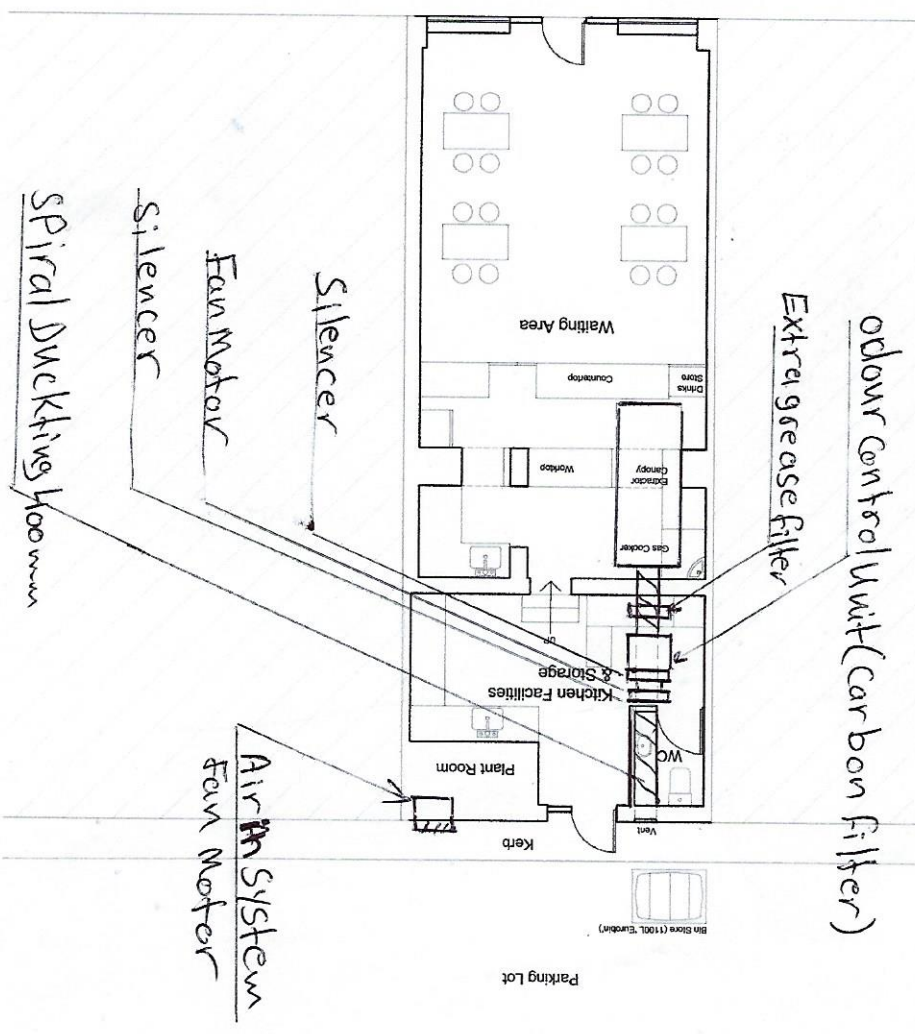
Rev	Description	Date	Dr By	App By
1	ISSUED FOR PLANNING	13.12.20		



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client name	Mr. Ibrahim Gaddah		
project	43 Peel Hall Road		
drawing	Proposed GA Plans		
project number	1610106	scale	1/100 @ A3
drawing number	PL 005	rev	-
issue status	PLANNING		

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Proposed GA Ground Floor Plan
Scale 1:100

MAXFAN COMPAC QUICK SELECTION TABLE & ELECTRICAL DATA

230 V/50HZ/1 Φ - L TYPE

QUICK SELECTION TABLE

Part Number	Fan Description	Volume (m³/s) @ Pa static										
		0	50	100	200	300	400	500	600	700	800	900
EJ413456	40 MaXfan Compac	1.55	1.49	1.44	1.31	1.18	1.02	0.78	0.41			
EJ463266	45 MaXfan Compac	2.19	2.14	2.07	1.98	1.87	1.74	1.58	1.33	0.89	0.6	0.35
EJ513255	50 S MaXfan Compac	2.77	2.67	2.59	2.42	2.23	1.99	1.72	1.4	1.04	0.61	
EJ513266	50 MaXfan Compac	3.21	3.15	3.09	2.97	2.78	2.64	2.47	2.25	2.00	1.48	0.81
EJ563236	56 MaXfan Compac	4.54	4.4	4.22	3.96	3.62	3.24	2.78	2.25	1.33		
EJ623236	63 MaXfan Compac	4.87	4.66	4.52	4.19	3.81	3.44	3.00	2.51	2.1	1.53	0.79

PRODUCT AND ELECTRICAL DETAILS

Part Number	Fan Description	Temperature (°C)	Frame	KW	FLC (A)	SC (A)	Phase	Voltage	Inverter Model	Wiring Diagram	Breakout Sound Level dB(A) @ 3m	Fan Weight (kg)	Casing Length (mm)
EJ413456	40 MaXfan Compac	80	80	1.32	4.71	25.5	1	230	6.8	CD3042	40	35	375
EJ463266	45 MaXfan Compac	55	80	1.32	4.71	25.5	1	230	6.8	CD3042	43	37	375
EJ513255	50 S MaXfan Compac	65	80	1.73	6.16	35.5	1	230	6.8	CD3042	49	32	375
EJ513266	50 MaXfan Compac	65	90	2.64	9.36	52.8	1	230	9.6	CD3042	48	50.5	520
EJ563236	56 MaXfan Compac	70	90	2.64	9.36	52.8	1	230	9.6	CD3042	48	55	520
EJ663236	63 MaXfan Compac	55	90	2.64	9.36	52.8	1	230	9.6	CD3042	50	61	520



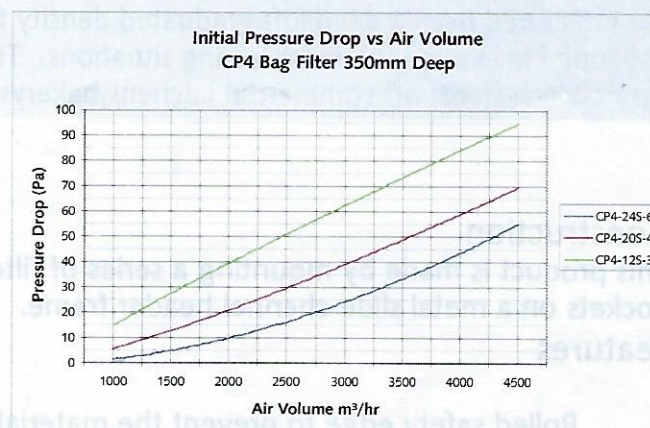
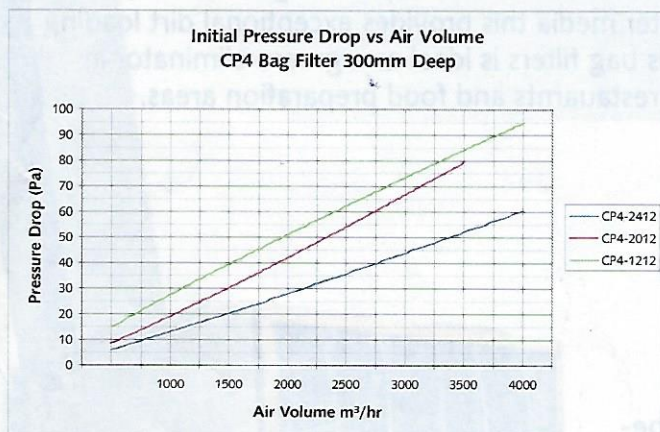
Sound pressure levels quoted are the breakout, and are an average value in dBA at 3m distance over a sphere at the duty point specified on the individual fan pages, under free field conditions. This data is presented for comparative purposes only.

CP4 Synthetic Bag Filter

STANDARD SIZES

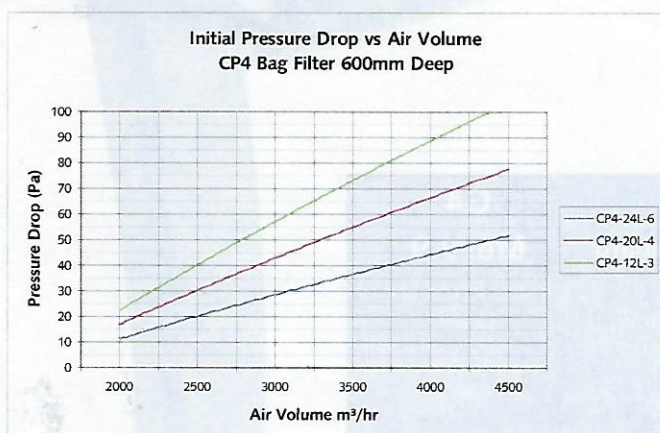
Series 300 - Economy configuration

Part Number	Header Dimensions			Pocket Details		Capacity m ³ /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 ³ /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 ³ /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

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 filter is ideal as a grease eliminator in extraction systems off commercial kitchens, bakeries, restaurants 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 retardant 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		G4
Rating to ASHRAE 52.2 Test Standard		Merv 9
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

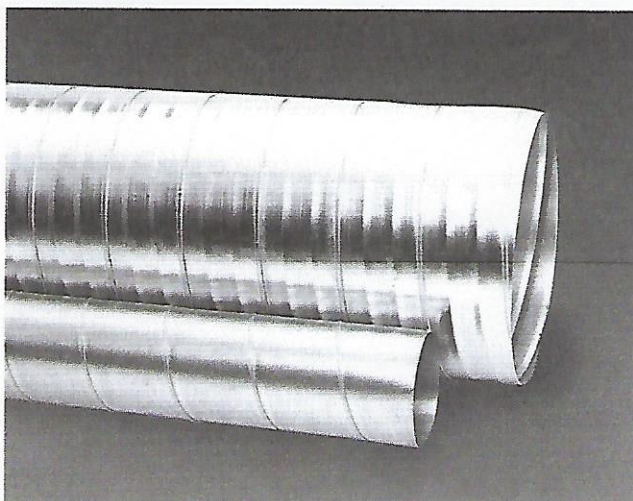


FM 29257
BS EN ISO 9001:2000

Jasun Filtration Plc
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Spirally Wound Duct



Description

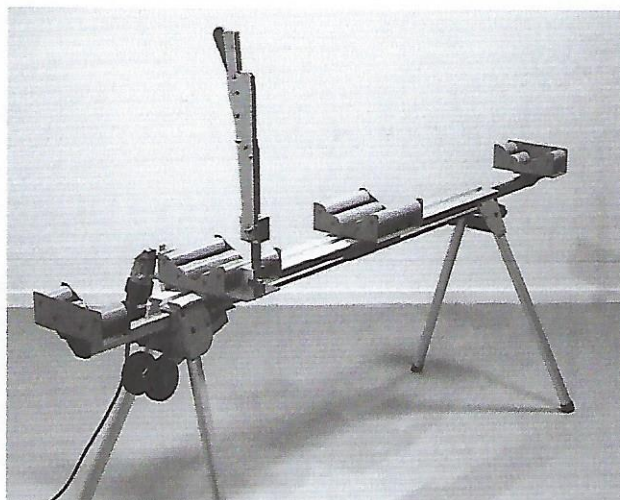
Lindab spirally wound ducting is manufactured from high quality galvanised steel and is produced to comply with HVCA specification DW144 and is suitable for high, medium, low and negative pressure systems.

Available as standard 3m lengths in Eurovent sizes from 80mm to 2000mm this quality ducting is complemented by Lindab's comprehensive range of Vent and Safe fittings.

Item Code (3m length)	Diameter mm	Area M²	Circumference M	Material thickness mm	Weight Kg/M	Weight Kg/ 3M
SS080	80	0.005	0.251	0.5	1.14	3.42
SS100	100	0.008	0.314	0.5	1.43	4.29
SS125	125	0.012	0.393	0.5	1.78	5.34
SS150	150	0.018	0.471	0.5	2.14	6.42
SS160	160	0.020	0.503	0.5	2.28	6.84
SS180	180	0.025	0.566	0.6	3.08	9.24
SS200	200	0.031	0.629	0.6	3.42	10.26
SS224	224	0.039	0.704	0.6	3.83	11.50
SS250	250	0.049	0.786	0.6	4.27	12.81
SS280	280	0.062	0.880	0.6	4.78	14.34
SS300	300	0.071	0.943	0.6	5.13	15.39
SS315	315	0.078	0.990	0.6	5.38	16.14
SS355	355	0.099	1.116	0.8	8.08	24.24
SS400	400	0.126	1.257	0.8	9.10	27.30
SS450	450	0.159	1.414	0.8	10.24	30.72
SS500	500	0.196	1.571	0.8	11.37	34.11
SS560	560	0.246	1.760	0.8	12.74	38.22
SS600	600	0.283	1.886	0.8	13.66	40.98
SS630	630	0.312	1.980	0.8	14.34	43.02
SS710	710	0.396	2.231	0.8	16.15	48.45
SS800	800	0.503	2.514	0.8	18.20	54.60
SS900	900	0.636	2.829	1.0	25.58	76.74
SS91000	1000	0.786	3.143	1.0	28.43	85.29
SS91120	1120	0.986	3.520	1.2	40.58	121.74
SS91250	1250	1.228	3.929	1.2	45.28	135.84
SS91422	1422	1.589	4.469	1.2	50.73	152.19
SS91500	1500	1.768	4.714	1.2	54.35	163.05
SS91600	1600	2.011	5.029	1.2	57.97	173.91
SS92000	2000	3.143	6.286	1.2	72.45	217.35

All above are nominal dimensions and weights.

SR Cutter

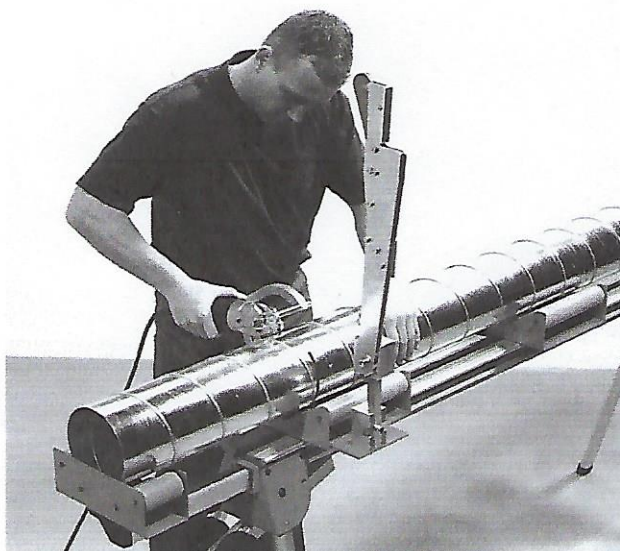


Description

For accurate and safe onsite cutting of spirally wound ducting Lindab's new SR cutter provides an ergonomically designed solution. With less noise than conventional cutting methods and no sparks this portable cutter provides a safe neat accurate cut every time.

The SR cutter will cut ducts up to 0.9mm thick and from 80mm to 315mm diameter and folds up quickly and neatly for transportation.

Available in 110v and cordless rechargeable versions.



Toxic Gas Measuring

Jasun Filtration are able to accurately measure the levels of toxic gasses in any airflow using the latest Photo Ionization Detector (PID) sensors and electrochemical specific gas sensors .

This information is absolutely vital when deciding what remedial measures need to be taken in the work place to ensure compliance with COSH regulations. We are also able to re-test the air after any new gas extraction equipment has been installed to prove its effectiveness.

Using this service will allow you to have a tailored solution, and to provide proof positive where necessary as to the effectiveness post application of any remedy

Industrial and Domestic Applications:

Cooker Hoods and Kitchen Extraction
Airport Air Conditioning/Heating Systems
Public and Office Buildings Air Conditioning/Heating Systems
Smoking Rooms
Industrial and Chemical Processing
Poultry Farms
Fertiliser Manufacture
Sewage Treatment
Plastics Industry
Hospitals
Funeral Parlours
Fume Hoods
Air Filtration Systems for Libraries, Art Galleries and Museums
Pulp and Paper Mills
Oil Refineries

Toxic Gas and Odour Control applications include:

Food processing
Brewing
Medical facilities/laboratories
Sewage treatment plants
Nuclear
Foam treatment
Petrochemical
Rubber moulding

Solvent Emission Control, industries covered by this would include;

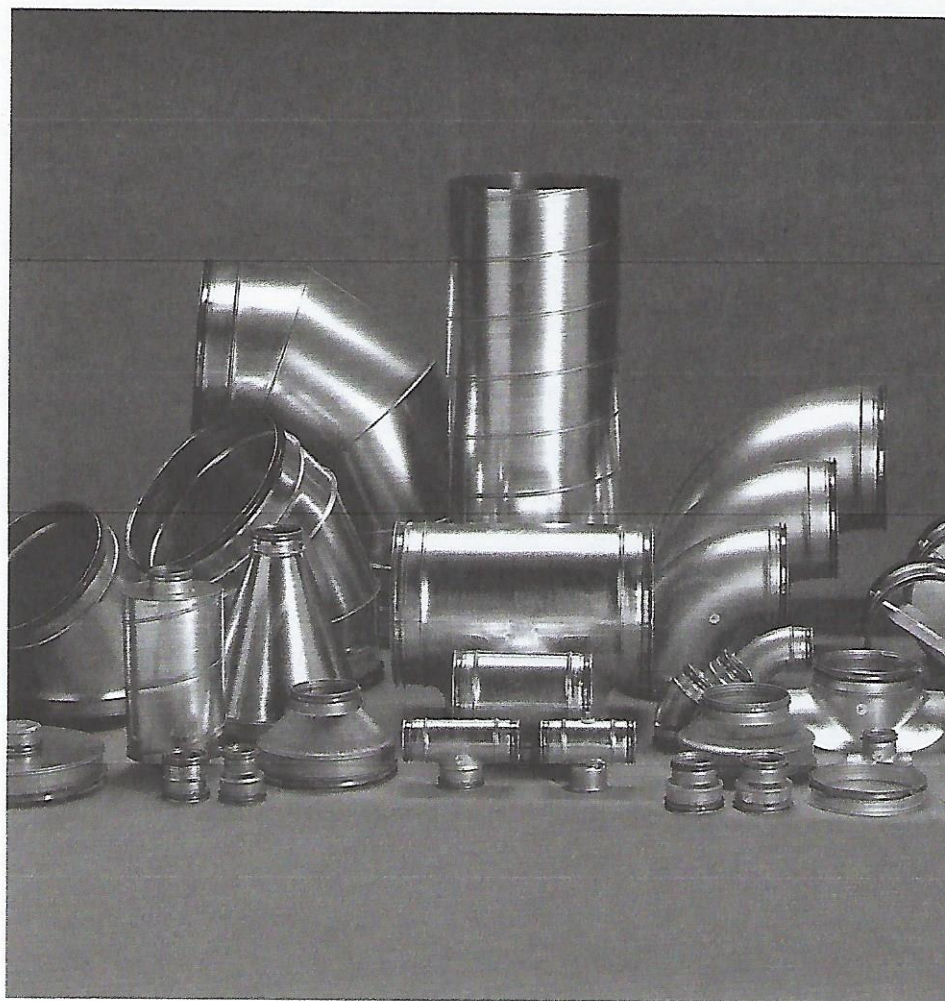
Printing
Pharmaceutical
Chemical
Pesticide
Converting
Adhesive
Paint, varnish and ink
Magnetic media
Electronics



FILTER HOUSING COMPLETE WITH MULTICARB CELLS, PRE-FILTERS AND ALL WEATHER ROOF



Spiral Duct, Vent & Safe Fittings



- Complies with HVCA specification DW144.
- Sizes from 80mm to 2000mm diameter.
- Complete range from stock.
- Manufactured from corrosion resistant galvanised steel as standard.
- Suitable for high, medium and low pressure applications.
- Fittings available with and without gasket seal.
- Stainless steel tube and fittings available to special order.

