

**TECHNICAL  
DATA SHEETS**

**PART OF THE  
CLP AIR GROUP**

## **PRE FILTERS**

G4 High Capacity Pleated Panel Filters (3-4)

G4 Standard Capacity Pleated Panel Filters (4-8)

## **SECONDARY FILTERS**

M6-EPM 10 65% Bag Filters (9-11)

F7-EPM 2.5 70% Bag Filters (12-14)

F8-EPM 1 65% Bag Filters (15-17)

F9-EPM 1 80% Bag Filters (18-20)

Rigid Bag Filters (21-22)

Compact Pleated Panel Filters (23-24)

## **GREASE & ODOUR CONTROL FILTERS**

Baffle Grease Filters (25-26)

Mesh Grease Filters (27-28)

Site Safe Carbon Cell (29-30)

## **FILTER GAUGES**

Filter Differential Pressure Gauges (31)

## **ENCLOSURES / FRAMEWORK**

Disposable Pad Frames (32-33)

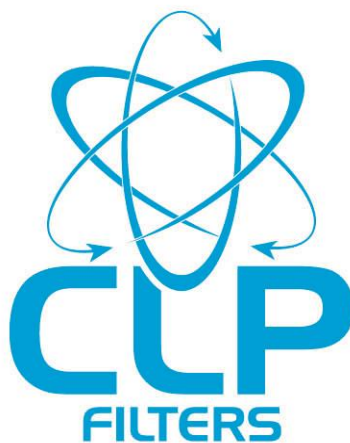
Front Withdrawal Filter Frames (34-35)

## **HEPA FILTERS**

Lightweight Multi Wedge HEPA Filters (36-37)

Multi Wedge HEPA Filters (38-39)

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OF EXCELLENT  
SERVICE



## G4 High Capacity Pleated Panel Filter



*An excellent choice of pre-filter to suit a wide range of applications*

*Manufactured in Britain*

*Tested to EN 779 / ISO16890 Coarse 70%*

*Suitable for incineration for ease of disposal*

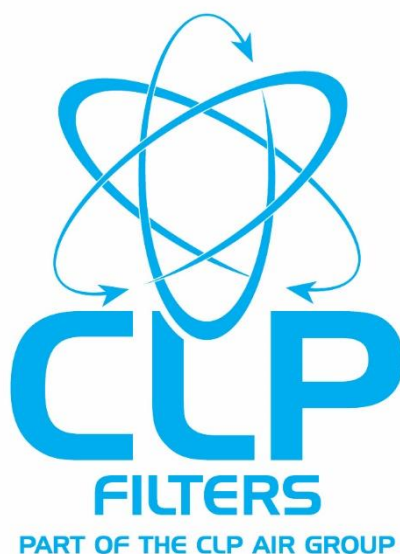
*Higher grades available*

*Construction: A cotton and synthetic mix available in moisture resistant cardboard, metal and plastic frames.*

*The pleats have thermally bonded expanded metal support mesh and a 98% open face area for maximum performance.*

*The rounded pleats allow for an increase in the dust holding capacity and increased energy consumption and running cost benefits.*

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OF EXCELLENT  
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## 47mm G4 Pleated Panel Filters – Performance Details

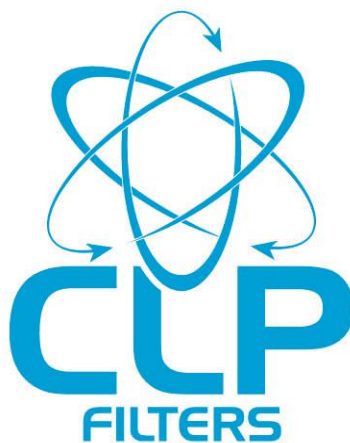
<b>HC Pleated Panel</b> 47mm (15 pleats/lf)  Final recommended pressure drop 250 Pa	Nominal H x W	Actual H x W	Airflow [m³/h]	Initial Pressure Drop [Pa]
	12 x 12	287 x 287	750	80
	15 x 15	369 x 369	1225	80
	16 x 16	395 x 395	1400	80
	18 x 18	445 x 445	1785	80
	20 x 12	496 x 287	1285	80
	20 x 15	496 x 369	1650	80
	20 x 16	496 x 395	1765	80
	20 x 20	496 x 496	2215	80
	24 x 12	596 x 287	1700	80
	24 x 16	596 x 395	2118	80
	24 x 18	596 x 445	2395	80
	24 x 20	596 x 496	2660	80
	24 x 24	596 x 596	3400	80
	25 x 16	620 x 395	2200	80
	25 x 20	620 x 496	2800	80

**For Non-Standard Sizes Contact Our Office**

### Installation:

Always install with the pleats vertically aligned upwards

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SERVICE



## **G4 Standard Capacity Pleated Panel Filter**



*An excellent choice of pre-filter to suit a wide range of applications*

*Manufactured in Britain*

*Tested to EN 779 / ISO16890 Coarse 70%*

*Suitable for incineration for ease of disposal*

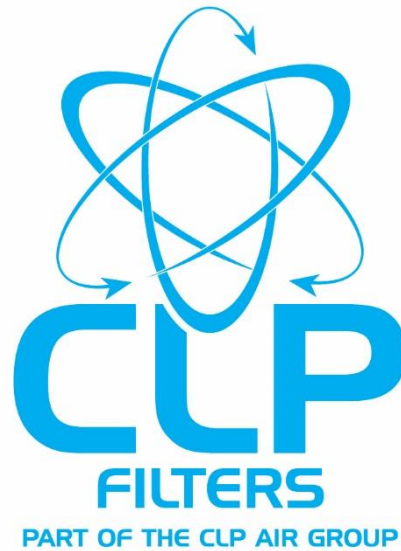
*Higher grades available.*

*Construction: A cotton and synthetic mix available in moisture resistant cardboard, metal and plastic frames.*

*The pleats have thermally bonded expanded metal support mesh and a 98% open face area for maximum performance.*

*The rounded pleats allow for an increase in the dust holding capacity and increased energy consumption and running cost benefits.*

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## 22mm G4 Pleated Panel Filters – Performance Details

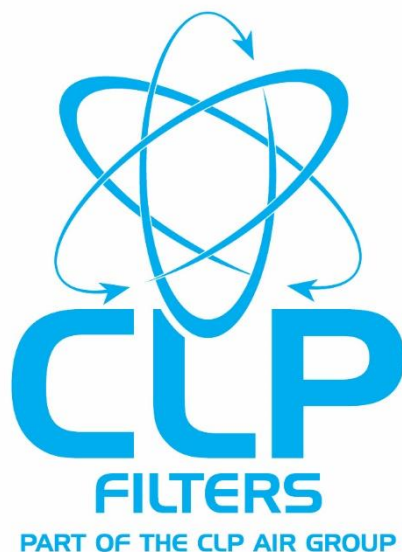
<b>Pleated Panel</b> 22mm (14 pleats/lf)  Final recommended pressure drop 250 Pa Air Flow 1.5M/s	Nominal H x W	Actual H x W	Airflow [m <sup>3</sup> /h]	Initial Pressure Drop [Pa]
	12 x 12	287 x 287	450	75
	15 x 15	369 x 369	735	75
	16 x 16	395 x 395	895	75
	18 x 18	445 x 445	1070	75
	20 x 12	496 x 287	769	75
	20 x 15	496 x 369	1000	75
	20 x 16	496 x 395	1100	75
	20 x 20	496 x 496	1325	75
	24 x 12	596 x 287	950	75
	24 x 16	596 x 395	1275	75
	24 x 18	596 x 445	1450	75
	24 x 20	596 x 496	1600	75
	24 x 24	596 x 596	2000	75
	25 x 16	620 x 395	1400	75
	25 x 20	620 x 496	1670	75

**For Non-Standard Sizes Contact Our Office**

### Installation:

Always install with the pleats vertically aligned upwards

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### 47mm G4 Pleated Panel Filters – Performance Details

<b>Pleated Panel</b> 47mm (11 pleats/lf)  Final recommended pressure drop 250 Pa Air Flow 2M/s	Nominal H x W	Actual H x W	Airflow [m³/h]	Initial Pressure Drop [Pa]
	12 x 12	287 x 287	600	80
	15 x 15	369 x 369	1000	80
	16 x 16	395 x 395	1125	80
	18 x 18	445 x 445	1450	80
	20 x 12	496 x 287	1025	80
	20 x 15	496 x 369	1320	80
	20 x 16	496 x 395	1450	80
	20 x 20	496 x 496	1775	80
	24 x 12	596 x 287	1250	80
	24 x 16	596 x 395	1700	80
	24 x 18	596 x 445	1920	80
	24 x 20	596 x 496	2130	80
	24 x 24	596 x 596	2560	80
	25 x 16	620 x 395	1765	80
	25 x 20	620 x 496	2215	80

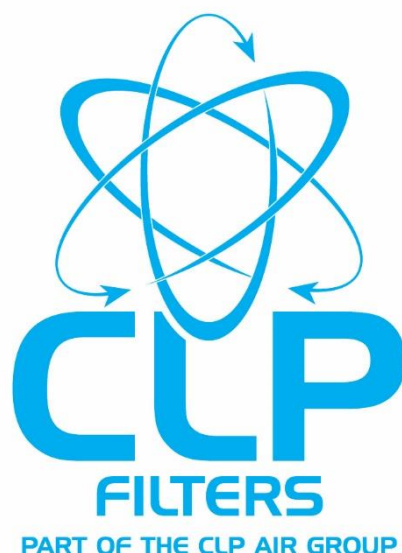
**For Non-Standard Sizes Contact Our Office**

#### Installation:

Always install with the pleats vertically aligned upwards



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## 98mm G4 Pleated Panel Filters – Performance Details

<b>Pleated Panel</b> 98mm (8 pleats/lf)  Final recommended pressure drop 250 Pa Air Flow 2.5M/s	Nominal H x W	Actual H x W	Airflow [m³/h]	Initial Pressure Drop [Pa]
	12 x 12	287 x 287	745	85
	15 x 15	369 x 369	1225	85
	16 x 16	395 x 395	1400	85
	18 x 18	445 x 445	1785	85
	20 x 12	496 x 287	1285	85
	20 x 15	496 x 369	1650	85
	20 x 16	496 x 395	1765	85
	20 x 20	496 x 496	2215	85
	24 x 12	596 x 287	1540	85
	24 x 16	596 x 395	2120	85
	24 x 18	596 x 445	2400	85
	24 x 20	596 x 496	2660	85
	24 x 24	596 x 596	3200	85
	25 x 16	620 x 395	2200	85
	25 x 20	620 x 496	2770	85

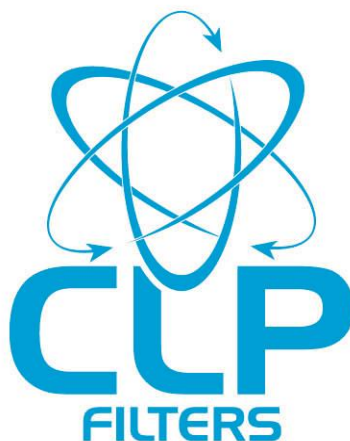
**For Non-Standard Sizes Contact Our Office**

### Installation:

Always install with the pleats vertically aligned upwards



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**M6- ePM 10 65% Bag Filter (Green)**



*An excellent choice of Pre and Secondary filter to suit a wide range of applications.*

*Manufactured in Britain*

*Tested to EN 779 / ISO16890 ePM10 65%*

*Suitable for incineration for ease of disposal*

*Eurovent approved*

*Fire retardant*

*Energy efficient*

Construction: Non-shedding synthetic fibres, the medium M6-ePM 10 65% bag filters are ideally suited for environments where space is at a premium or air flows are high.

Offering highly effective filtration, they are ideal to suit a wide variety of applications.

All bag filters are available with either 20mm, 25mm or 30mm Headers.

19 YEARS  
OF EXCELLENT  
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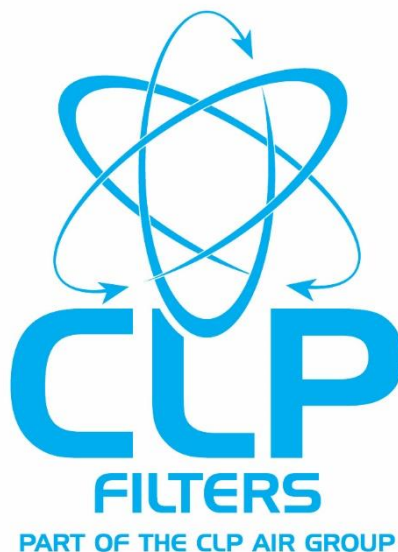


Performance Details				
M6 – ePM10 65% Bag Filter Final recommended pressure drop 300 Pa	Nominal H x W x D /Pockets	Actual H x W x D	Airflow [m³/h]	Initial Pressure Drop [Pa]
	24x24x12/6	592x592x300	1275	70
	24x24x15/6	592x592x380	1900	70
	24x24x20/6	592x592x500	2100	70
	24x24x24/6	592x592x600	2500	70
	24x12x12/3	592x287x300	635	70
	24x12x15/3	592x287x380	950	70
	24x12x20/3	592x287x500	1050	70
	24x12x24/3	592x287x600	1275	70
	24x20x12/5	592x490x300	1060	70
	24x20x15/5	592x490x380	1590	70
	24x20x20/5	592x490x500	1750	70
	24x20x24/5	592x490x600	2120	70
All Bag Filters are available in 20mm, 25mm or 30mm Headers				

**Installation:**

Always install with the pockets vertically aligned upwards

19 YEARS  
OF EXCELLENT  
SERVICE

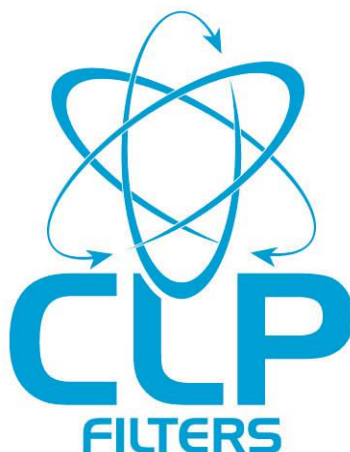


Performance Details				
M6 – ePM 10 65% Bag Filter Final recommended pressure drop 300 Pa	Nominal H x W x D /Pockets	Actual H x W x D	Airflow [m³/h]	Initial Pressure Drop [Pa]
	24x24x12/8	592x592x300	1700	65
	24x24x15/8	592x592x380	2550	65
	24x24x20/8	592x592x500	2800	65
	24x24x24/8	592x592x600	3400	65
	24x12x12/4	592x287x300	850	65
	24x12x15/4	592x287x380	1275	65
	24x12x20/4	592x287x500	1400	65
	24x12x24/4	592x287x600	1700	65
	24x20x12/6	592x490x300	1300	65
	24x20x15/6	592x490x380	1915	65
	24x20x20/6	592x490x500	2125	65
	24x20x24/6	592x490x600	2560	65
All Bag Filters are available in 20mm, 25mm or 30mm Headers				

**Installation:**

Always install with the pockets vertically aligned upwards

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OF EXCELLENT  
SERVICE



***F7 – ePM 2.5 70% Bag Filter (Pink)***



*An excellent choice of Pre and Secondary filter to suit a wide range of applications.*

*Manufactured in Britain*

*Tested to EN 779 / ISO16890 ePM2.5 70%*

*Suitable for incineration for ease of disposal*

*Eurovent approved*

*Fire retardant*

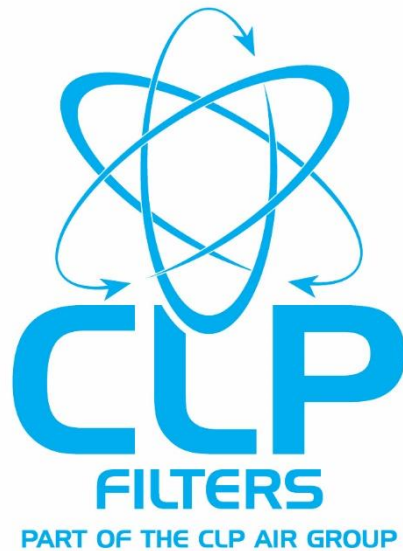
*Energy efficient*

*Construction: Non-shedding synthetic fibres, the F7 ePM 2.5 70% bag filters are ideally suited for environments where space is at a premium or air flows are high.*

*Offering highly effective filtration, they are ideal to suit a wide variety of applications.*

*All bag filters are available with either 20mm, 25mm or 30mm headers.*

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OF EXCELLENT  
SERVICE

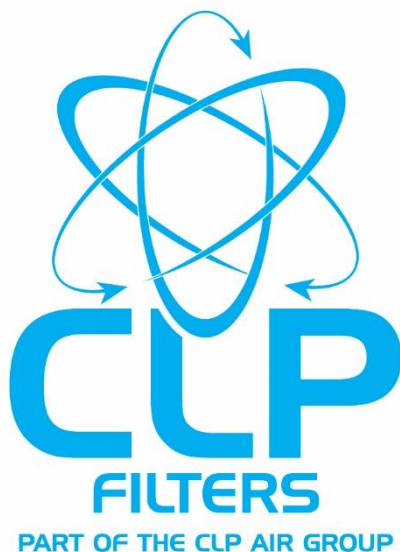


Performance Details				
<b>F7-ePM 2.5</b> <b>70% Bag Filter</b> <b>Final</b> <b>recommended</b> <b>pressure drop</b> <b>300 Pa</b>	Nominal H x W x D /Pockets	Actual H x W x D	Airflow [m³/h]	Initial Pressure Drop [Pa]
	24x24x12/6	592x592x300	1300	95
	24x24x15/6	592x592x380	1900	95
	24x24x20/6	592x592x500	2125	95
	24x24x24/6	592x592x600	2550	95
	24x12x12/3	592x287x300	638	95
	24x12x15/3	592x287x380	950	95
	24x12x20/3	592x287x500	1060	95
	24x12x24/3	592x287x600	1275	95
	24x20x12/5	592x490x300	1060	95
	24x20x15/5	592x490x380	1600	95
	24x20x20/5	592x490x500	1770	95
	24x20x24/5	592x490x600	2120	95
All Bag Filters are available in 20mm, 25mm or 30mm Headers				

**Installation:**

Always install with the pockets vertically aligned upwards

19 YEARS  
OF EXCELLENT  
SERVICE

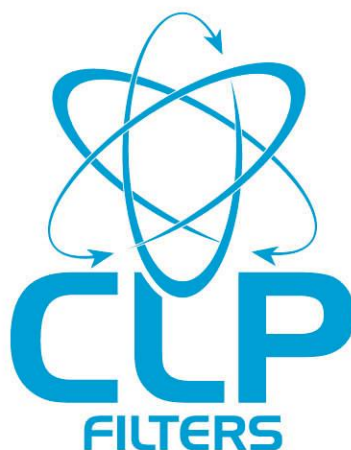


Performance Details				
<b>F7-ePM 2.5</b> <b>70% Bag Filter</b> <b>Final</b> <b>recommended</b> <b>pressure drop</b> <b>300 Pa</b>	Nominal H x W x D /Pockets	Actual H x W x D	Airflow [m³/h]	Initial Pressure Drop [Pa]
	24x24x12/8	592x592x300	1700	95
	24x24x15/8	592x592x380	2550	95
	24x24x20/8	592x592x500	2800	95
	24x24x24/8	592x592x600	3400	95
	24x12x12/4	592x287x300	850	95
	24x12x15/4	592x287x380	1275	95
	24x12x20/4	592x287x500	1400	95
	24x12x24/4	592x287x600	1700	95
	24x20x12/6	592x490x300	1270	95
	24x20x15/6	592x490x380	1900	95
	24x20x20/6	592x490x500	2100	95
	24x20x24/6	592x490x600	2500	95
All Bag Filters are available in 20mm, 25mm or 30mm Headers				

**Installation:**

Always install with the pockets vertically aligned upwards

19 YEARS  
OF EXCELLENT  
SERVICE



***F8- ePM 1 65% Bag Filter (Yellow)***



*An excellent choice of Pre and Secondary filter to suit a wide range of applications.*

*Manufactured in Britain*

*Tested to EN 779 / ISO16890 ePM 1 65%*

*Suitable for incineration for ease of disposal*

*Eurovent approved*

*Fire Retardant*

*Energy efficient*

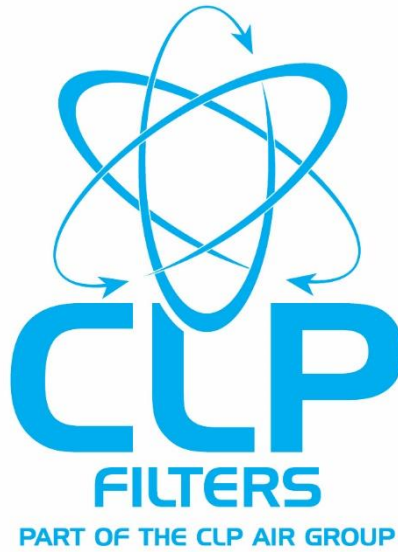
*Construction: Non-shedding synthetic fibres, The fine F8- ePM 1 65% bag filters are ideally suited for environments where space is at a premium or air flows are high.*

*Offering highly effective filtration, they are ideal to suit a wide variety of applications.*

*All bag filters are available with either 20mm, 25mm or 30mm headers.*



19 YEARS  
OF EXCELLENT  
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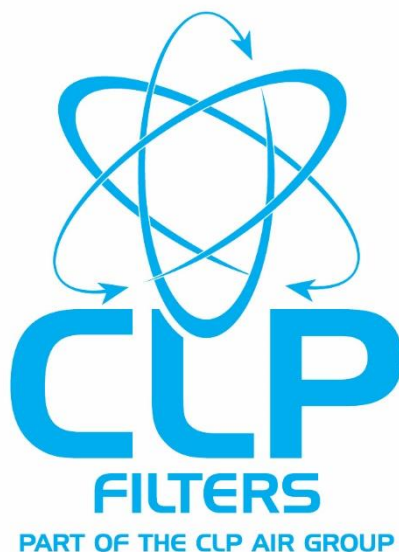


Performance Details				
<b>F8-ePM1</b> <b>65% Bag Filter</b> <b>Final</b> <b>recommended</b> <b>pressure drop</b> <b>300 Pa</b>	Nominal H x W x D /Pockets	Actual H x W x D	Airflow [m³/h]	Initial Pressure Drop [Pa]
	24x24x12/6	592x592x300	1275	130
	24x24x15/6	592x592x380	1900	130
	24x24x20/6	592x592x500	2100	130
	24x24x24/6	592x592x600	2500	130
	24x12x12/3	592x287x300	635	130
	24x12x15/3	592x287x380	950	130
	24x12x20/3	592x287x500	1050	130
	24x12x24/3	592x287x600	1275	130
	24x20x12/5	592x490x300	1060	130
	24x20x15/5	592x490x380	1590	130
	24x20x20/5	592x490x500	1750	130
	24x20x24/5	592x490x600	2120	130
All Bag Filters are available in 20mm, 25mm or 30mm Headers				

**Installation:**

Always install with the pockets vertically aligned upwards

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OF EXCELLENT  
SERVICE

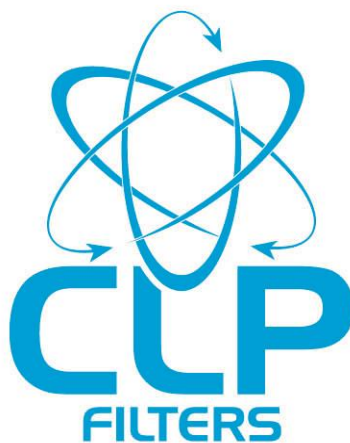


Performance Details				
F8-ePM1 65% Bag Filter Final recommended pressure drop 300 Pa	Nominal H x W x D /Pockets	Actual H x W x D	Airflow [m³/h]	Initial Pressure Drop [Pa]
	24x24x12/6	592x592x300	1275	130
	24x24x15/6	592x592x380	1900	130
	24x24x20/6	592x592x500	2100	130
	24x24x24/6	592x592x600	2500	130
	24x12x12/3	592x287x300	635	130
	24x12x15/3	592x287x380	950	130
	24x12x20/3	592x287x500	1050	130
	24x12x24/3	592x287x600	1275	130
	24x20x12/5	592x490x300	1060	130
	24x20x15/5	592x490x380	1590	130
	24x20x20/5	592x490x500	1750	130
	24x20x24/5	592x490x600	2120	130
All Bag Filters are available in 20mm, 25mm or 30mm Headers				

### Installation:

Always install with the pockets vertically aligned upwards

19 YEARS  
OF EXCELLENT  
SERVICE



***F9 – ePM 1 80% > Bag Filter (White)***



*An excellent choice of Pre and Secondary filter to suit a wide range of applications.*

*Manufactured in Britain*

*Tested to EN 779 / ISO16890 ePM 1 80%*

*Suitable for incineration for ease of disposal*

*Eurovent approved*

*Fire retardant*

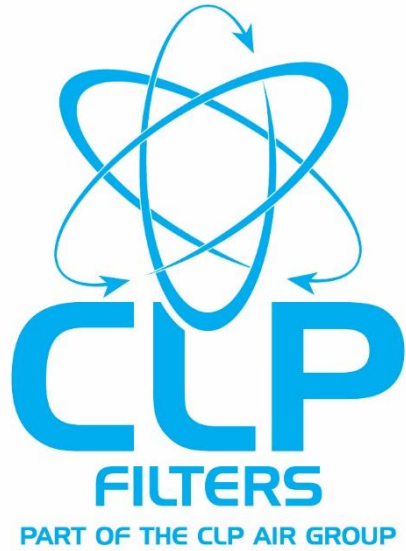
*Energy efficient*

*Construction: Non-shedding synthetic fibres, the fine F9-ePM 1 80% bag filters are ideally suited for environments where space is at a premium or air flows are high.*

*Offering highly effective filtration, they are ideal to suit a wide variety of applications.*

*All bag filters are available with either 20mm, 25mm or 30mm headers.*

19 YEARS  
OF EXCELLENT  
SERVICE

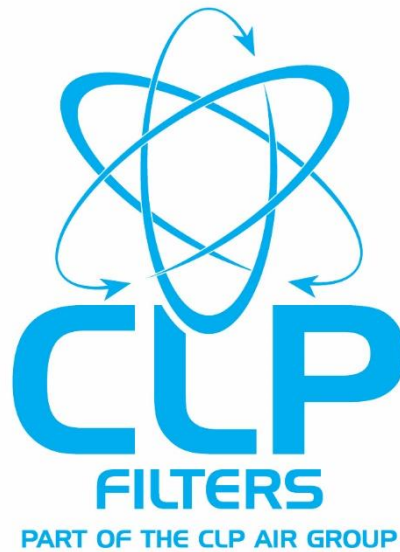


Performance Details				
F9 – ePM 1 80% Bag Filter Final recommended pressure drop 300 Pa	Nominal H x W x D /Pockets	Actual H x W x D	Airflow [m³/h]	Initial Pressure Drop [Pa]
	24x24x12/6	592x592x300	1275	170
	24x24x15/6	592x592x380	1900	170
	24x24x20/6	592x592x500	2100	170
	24x24x24/6	592x592x600	2500	170
	24x12x12/3	592x287x300	635	170
	24x12x15/3	592x287x380	950	170
	24x12x20/3	592x287x500	1050	170
	24x12x24/3	592x287x600	1275	170
	24x20x12/5	592x490x300	1060	170
	24x20x15/5	592x490x380	1590	170
	24x20x20/5	592x490x500	1750	170
	24x20x24/5	592x490x600	2120	170
All Bag Filters are available in 20mm, 25mm or 30mm Headers				

**Installation:**

Always install with the pockets vertically aligned upwards

19 YEARS  
OF EXCELLENT  
SERVICE

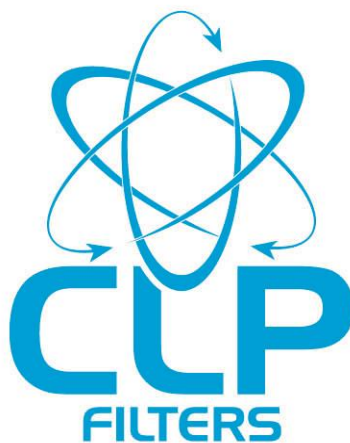


Performance Details				
<b>F9 – ePM 1</b> <b>80% Bag Filter</b> <b>Final</b> <b>recommended</b> <b>pressure drop</b> <b>300 Pa</b>	Nominal H x W x D /Pockets	Actual H x W x D	Airflow [m <sup>3</sup> /h]	Initial Pressure Drop [Pa]
	24x24x12/8	592x592x300	1700	170
	24x24x15/8	592x592x380	2550	170
	24x24x20/8	592x592x500	2800	170
	24x24x24/8	592x592x600	3400	170
	24x12x12/4	592x287x300	850	170
	24x12x15/4	592x287x380	1275	170
	24x12x20/4	592x287x500	1400	170
	24x12x24/4	592x287x600	1700	170
	24x20x12/6	592x490x300	1300	170
	24x20x15/6	592x490x380	1915	170
	24x20x20/6	592x490x500	2125	170
	24x20x24/6	592x490x600	2560	170
All Bag Filters are available in 20mm, 25mm or 30mm Headers				

**Installation:**

Always install with the pockets vertically aligned upwards

19 YEARS  
OF EXCELLENT  
SERVICE



## Rigid Bag Filter



*An excellent choice of Pre and Secondary filter to suit a wide range of applications.*

*Manufactured in Britain*

*Tested to EN 779 / ISO16890*

*Suitable for incineration for ease of disposal*

*Eurovent approved*

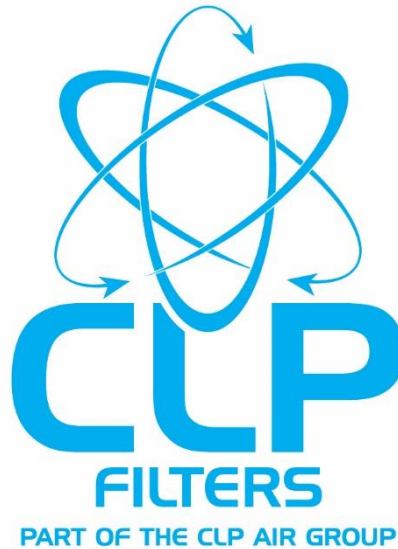
*Energy efficient*

*Construction: Non-shedding synthetic fibres, the rigid bag filters are ideally suited for environments where space is at a premium or air flows are high.*

*Offering highly effective filtration, they are ideal to suit a wide variety of applications.*

*All rigid bag filters are available with either 20mm or 25mm headers.*

19 YEARS  
OF EXCELLENT  
SERVICE



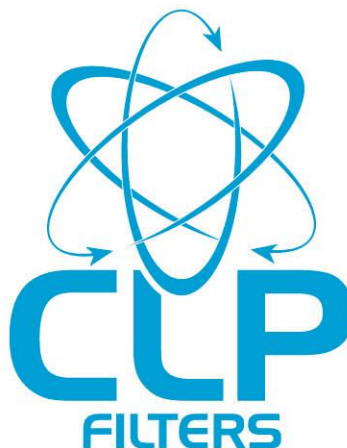
### Performance Details

<b>Rigid Bag Filter</b>  M6 – ePM10 65% F7 – ePM2.5 70% F8 – ePM1 65% F9 – ePM1 80%  592x592 – 3400 m3/h 592x287 – 1700 m3/h 592x490 – 2550 m3/h  Final recommended pressure drop 450 Pa	Nominal H x W	Actual H x W	Surface Area (m2)	Initial Pressure Drop [Pa]
	M6 24x24x12	592x592x292	19	100
	M6 24x12x12	592x287x292	9	100
	M6 24x20x12	592x490x292	14	100
	F7 24x24x12	592x292x292	19	110
	F7 24x12x12	592x287x292	9	110
	F7 24x20x12	592x490x292	14	110
	F8 24x24x12	592x592x292	19	130
	F8 24x12x12	592x287x292	9	130
	F8 24x20x12	592x490x292	14	130
	F9 24x24x12	592x592x292	19	160
	F9 24x12x12	592x287x292	9	160
	F9 24x20x12	592x490x292	14	160
	H10 24x24x12	592x592x292	19	190
	H10 24x12x12	592x287x292	9	190
	H10 24x20x12	592x490x292	14	190

**3 x Standard Sizes available in 20mm or 25mm frames**



19 YEARS  
OF EXCELLENT  
SERVICE



### **Compact Pleated Panel Filter**



*An excellent choice of Pre and Secondary filter to suit a wide range of applications.*

Manufactured in Britain

Tested to EN 779 / ISO16890

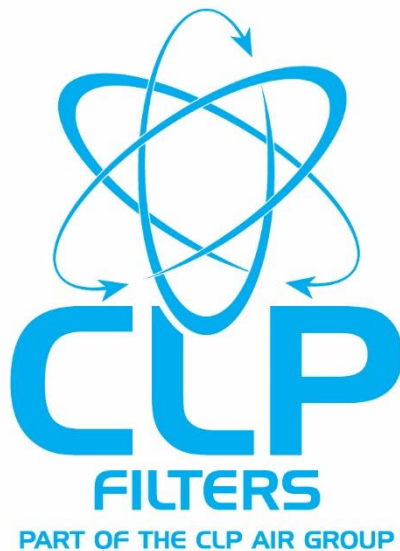
Suitable for incineration for ease of disposal

M5-F9 grades available.

Construction: Non-shedding synthetic fibres, the Compact pleated panel filters are ideally suited for environments where space is at a premium or air flows are high.

All compact pleat filters are available in cardboard, galvanised or plastic frames.

19 YEARS OF  
EXCELLENT  
SERVICE



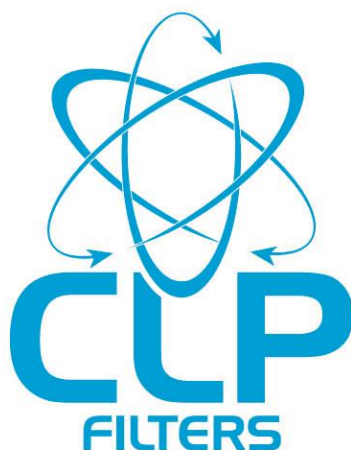
Performance Details for F7 Grade

Compact Pleat Filters Final recommended pressure drop 300 Pa	Dimensions H x W x D	Filter Surface Area m2	Airflow [m <sup>3</sup> /h]	Initial Pressure Drop [Pa]
	596x596x48	5.5 m2	2500	75
	596x287x48	2.75 m2	1250	75
	596x490x48	4.5 m2	2075	75
	596x596x95	7.5 m2	3350	90
	596x287x95	6.0 m2	2775	90
	596x490x95	3.5 m2	1675	90
Please contact support for alternative grades				

**Installation:**

Always install with the pleats running vertically aligned upwards

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## Baffle Grease Filter



### ***Grade G2 - Tested to according to DIN 18869-5***

*The Baffle Grease Filters are manufactured in stainless steel or galvanised steel and are complete with handles and drain holes as a standard product. The design and spacing will provide maximum grease filtration whilst also acting as a flame barrier. They are an ideal product for use in domestic and commercial kitchens.*

***Choose Baffle Filters for safe, effective grease extraction.***

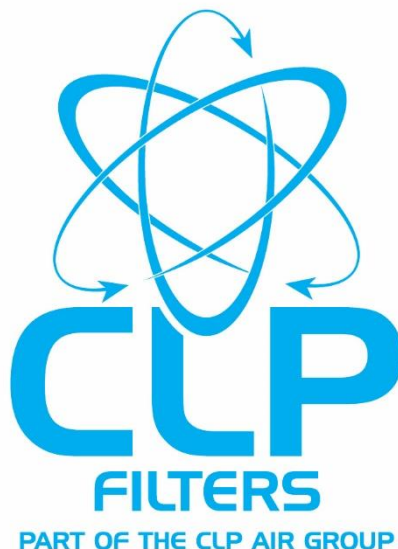
*Manufactured in Britain*

*Can be used many times saving time and cost*

*Stable & solid construction*

*Readily available in a range of standard and bespoke dimensions and bespoke sizes to suit*

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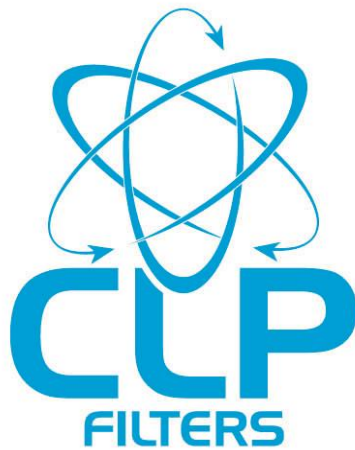
### Performance Details

#### G2 Baffle Grease Filter

Nominal H x W	Actual H x W	Airflow [m <sup>3</sup> /s]	Initial Pressure Drop [Pa]
20x16x2	495x395x45	0.09	22
20x16x2	495x395x45	0.23	150
20x16x2	495x395x45	0.42	508
20x20x2	495x495x45	0.09	10
20x20x2	495x495x45	0.23	72
20x20x2	495x495x45	0.42	234
25x16x2	621x395x45	0.09	12
25x16x2	621x395x45	0.23	88
25x16x2	621x395x45	0.42	291
25x20x2	621x495x45	0.09	7
25x20x2	621x495x45	0.23	48
25x20x2	621x495x45	0.42	162

**For Non-Standard Sizes Contact Office**

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## Mesh Grease Filter



### Grade G2 - Tested to according to DIN 18869-5

*The Mesh Grease Filters are manufactured using a multi-layer expanded mesh which combines low pressure loss with high grease arrestment. The mesh grease filters extract airborne grease particles from indoor air and will also protect against fire hazards. They are ideal for a range of applications including domestic and commercial kitchens.*

#### Choose Mesh grease filters for safe, effective grease extraction.

Manufactured in Britain

Can be used many times saving time and cost

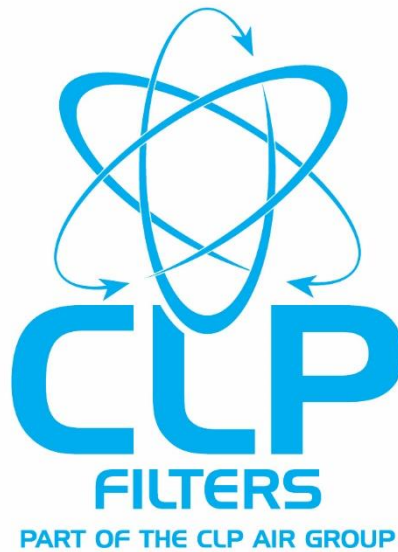
Stable & solid construction

Readily available in a range of standard and bespoke sizes to suit any application

Reduced fire risk

Low maintenance

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SERVICE



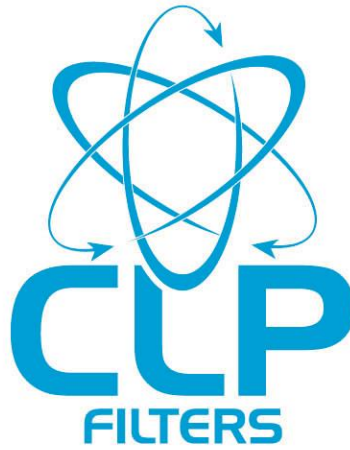
### Performance Details

## G2 Mesh Grease Filter

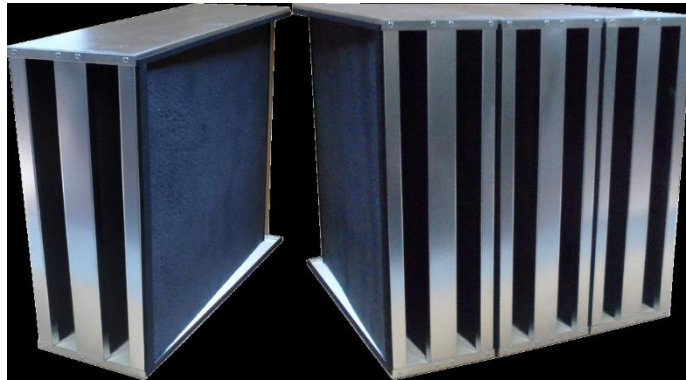
Panel Thickness Air Velocity (m/s)	Pressure Drop 20mm Depth	Pressure Drop 45mm Depth	Fire Rating (UL Class)
0.5	2	2	2
1.0	6	8	2
1.5	12	16	2
2.0	22	29	2
3.0	44	58	2
4.0	77	99	2
5.0	118	150	2
Final Recommended Pa	130	130	
Arrestance	<65%	>65%-<80%	

**For Non-Standard Sizes Contact Office**

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## Site Safe Carbon Data Sheet



*For purification of supply air, exhaust air and circulating air streams from harmful gases, smells and VOC's.*

*Manufactured in Britain*

*Suitable for Kitchen extracts, Museums, Airports, Chemical & Landfill*

*Standard and Heavy-Duty Range available*

*Specially formulated Carbon cells (also available in loose fill).*

*Compact lightweight design to aid install and delivery logistics*

*Construction: Solid bonded carbon in a strong robust galvanised frame.*

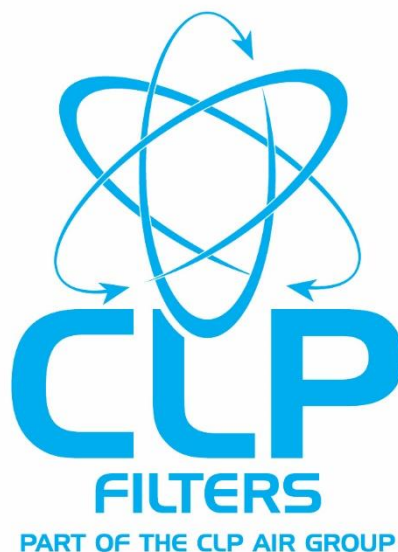
*Humidity resistant up to 70°C and temperature resistant up to 70°C.*

*Dwell times available from 0.1 second – 0.8 second*

*Please ask for recommendations on dwell time as this is based on the VOC's being absorbed.*



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SERVICE

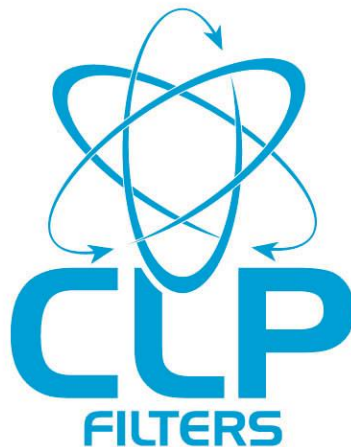


**Performance Details (Based on Site Safe Carbon Cells 24x8x24)**

Site Safe Carbon Information	Reference	Cells Required	Nominal Discarb	Dimensions	Carbon Weight (KG)	Unit Weight (KG)	Capacity (M3/hr)
	DCS180912	2	18x18x12	445x220x297	6.5	7.85	495
	DCS240612	2	24x12x12	594x146x297	6.5	7.85	990
	DCS240812	3	24x24x12	594x196x597	8.4	9.7	633
	DCS180918	2	18x18x18	445x220x451	9.5	10.85	722
	DCS240618	2	24x12x18	594x146x451	9	10.35	685
	DCS240818	3	24x24x18	594x220x451	12	13.35	915
	DCS180924	2	18x18x24	445x220x597	12.5	13.85	950
	DCS240624	2	24x12x24	594x146x594	12.5	13.85	950
	DCS240824	3	24x24x24	594x196x594	16.9	19.45	1266
CLP Filters can formulate gas phase filters for most applications. Simply contact us with your enquiry.							

The above capacities are based on a 0.1 second dwell time. Please contact the sales department for further information on the recommended minimum dwell times required for special applications.

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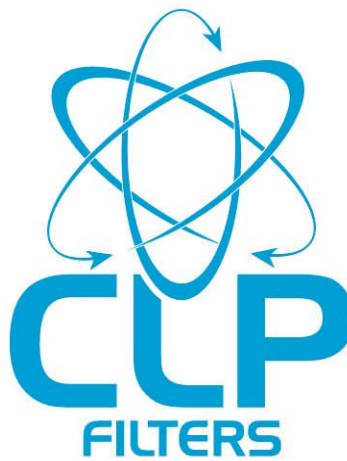
## Filter Differential Pressure Gauges



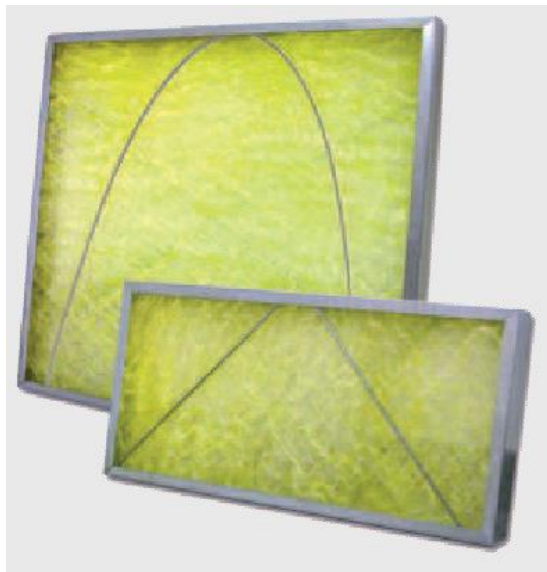
Filter differential pressure gauges are available in either magnehelic pressure gauges or inclined or upright manometers. All our gauges are easy to install and maintain, and are supplied as a complete kit.



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## Disposable Pad Filter Frames



*Disposable pad frames are produced in-house for easy installation of the disposable filter media pad to suit a wide range of applications.*

*Manufactured in Britain*

*Can be used multiple times*

*Stable & solid construction*

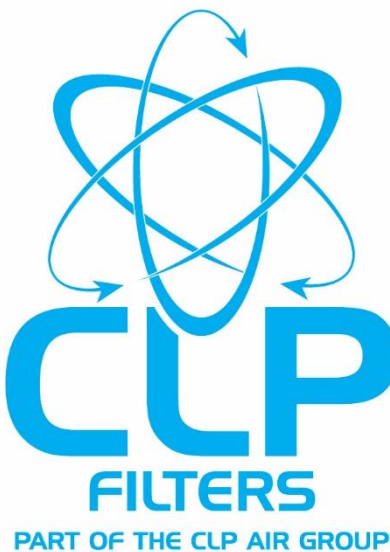
*Suitable for many filter media and dimensions*

*Construction: galvanised steel or stainless steel*

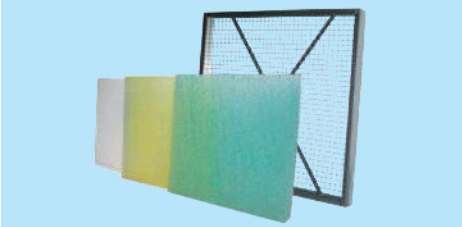
*Applications – Pad holding frames can be used to house various grades of filter media pads.*

*Features – Fast assembly with a protection mesh on the clean air side, modular system usable for many types of filter media pads.*

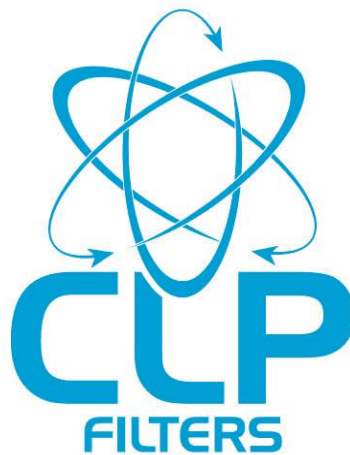
*Depending on the size and dimensions of the pad holding frame, the rod insert on the dirty air side may be variable.*



Standard Version Holding Frames				
	Style	Height	Width	Depth
	1 / 1	610	610	25MM or 50MM
	1 / 2	610	305	25MM or 50MM
	3 / 4	610	508	25MM or 50MM
	1 / 4	305	305	25MM or 50MM
Bespoke sizes are available upon request.				



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## Front Withdrawal Filter Frame



*Filter holding frames are produced in-house for easy installation of the Pre and Secondary filters.*

*Manufactured in Britain*

*Air tight fit to minimise leakage*

*Stable & solid construction*

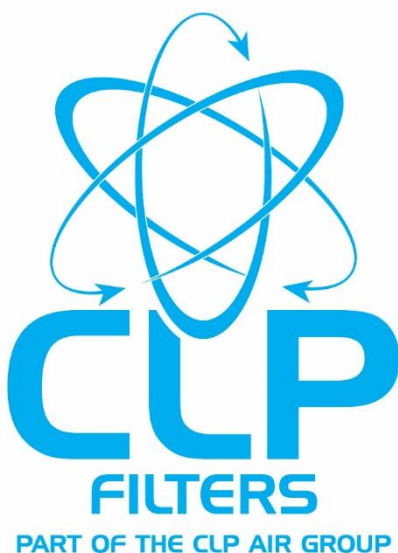
*Hygiene gasket according to VDI 6022*

Construction: Galvanised steel or Stainless steel with optional foamed hygiene gasket.

Filter Combinations – 20mm & 25mm for bag filter headers and 48mm & 50mm for panel filters.

Optional Adjustments – Conical stampings enable easy installation and positioning of the filters and optimal adjustment and complete seal of the filters.

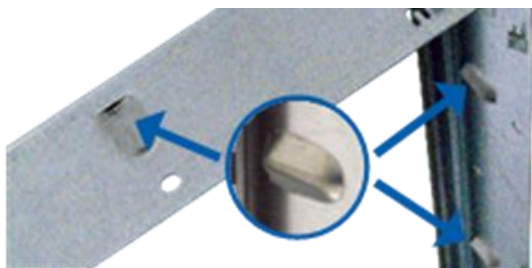
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#### Standard Version Holding Frames

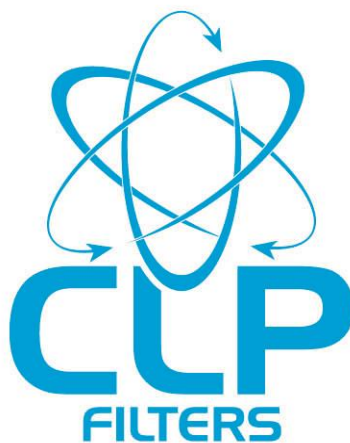
	Style	Height	Width	Depth
	1 / 1	610	610	75
	1 / 2	610	305	75
	3 / 4	610	508	75
	1 / 4	305	305	75

Bespoke sizes are available upon request.





19 YEARS  
OF EXCELLENT  
SERVICE



### Lightweight Multi-Wedge HEPA Filter



*An excellent choice of final stage filtration to suit a wide range of applications.*

*Manufactured in Britain*

*Tested to BS: EN1822*

*Fully incinerable plastic lightweight frame for ease of disposal*

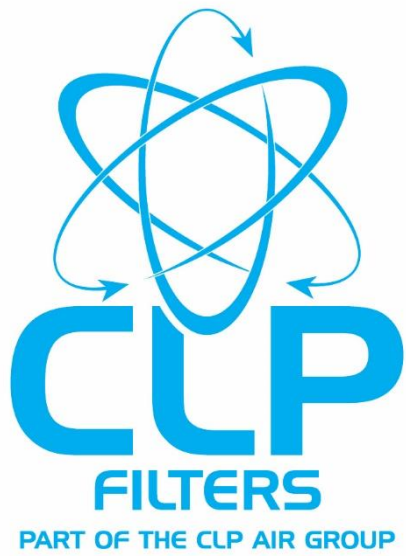
*H14 grade available.*

*Construction: Borosilicate micro-glass paper pleated using hot melt separators, pleat packs arranged in 6xV formation, housed in a formed high-density plastic case, sealed using a 2-part polyurethane sealant. 5x12mm closed cell neoprene gasket on the clean side.*

*Offering highly effective filtration, they are ideal to suit a wide variety of applications.*



19 YEARS  
OF EXCELLENT  
SERVICE



### Performance Details

Multi-Wedge Hepa Filter	Nominal H x W	Actual H x W	Airflow [m³/h]	Initial Pressure Drop [Pa]
	H14 24x24x12	610x610x292	4000	280
	H14 24x12x12	610x305x292	2000	280

Multi-Wedge  
Hepa Filter

Nominal  
H x W

Actual  
H x W

Airflow  
[m³/h]

Initial Pressure  
Drop [Pa]

Final  
recommended  
pressure drop  
600 Pa

H14 24x24x12

610x610x292

4000

280

H14 24x12x12

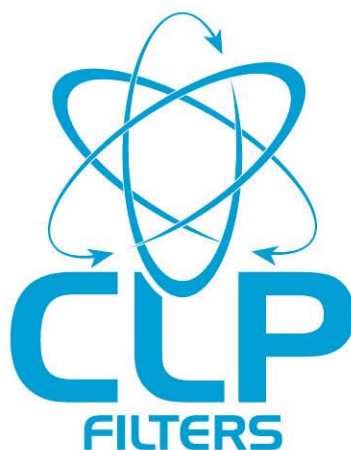
610x305x292

2000

280

Only the sizes stated are available

19 YEARS  
OF EXCELLENT  
SERVICE



## Multi-Wedge HEPA Filter



*An excellent choice of final stage filtration*

*Manufactured in Britain*

*Tested to BS:EN1822*

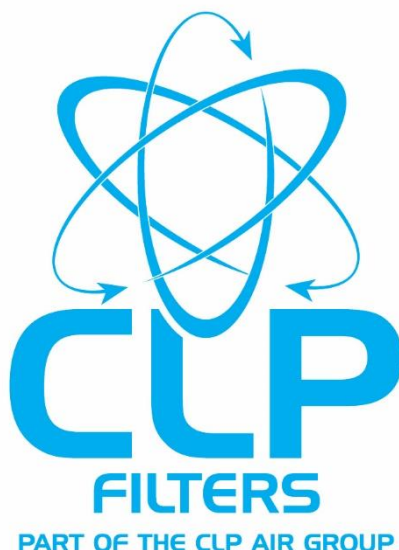
*Suitable for incineration for ease of disposal*

*H13 & H14 grades available.*

*Construction: Borosilicate micro-glass paper pleated using hot melt separators, pleat packs arranged in 6xV formation housed in a galvanised case, sealed using a 2-part polyurethane sealant. 5x12mm closed cell neoprene gasket on the clean side.*

*Offering highly effective filtration, they are ideal to suit a wide variety of applications.*

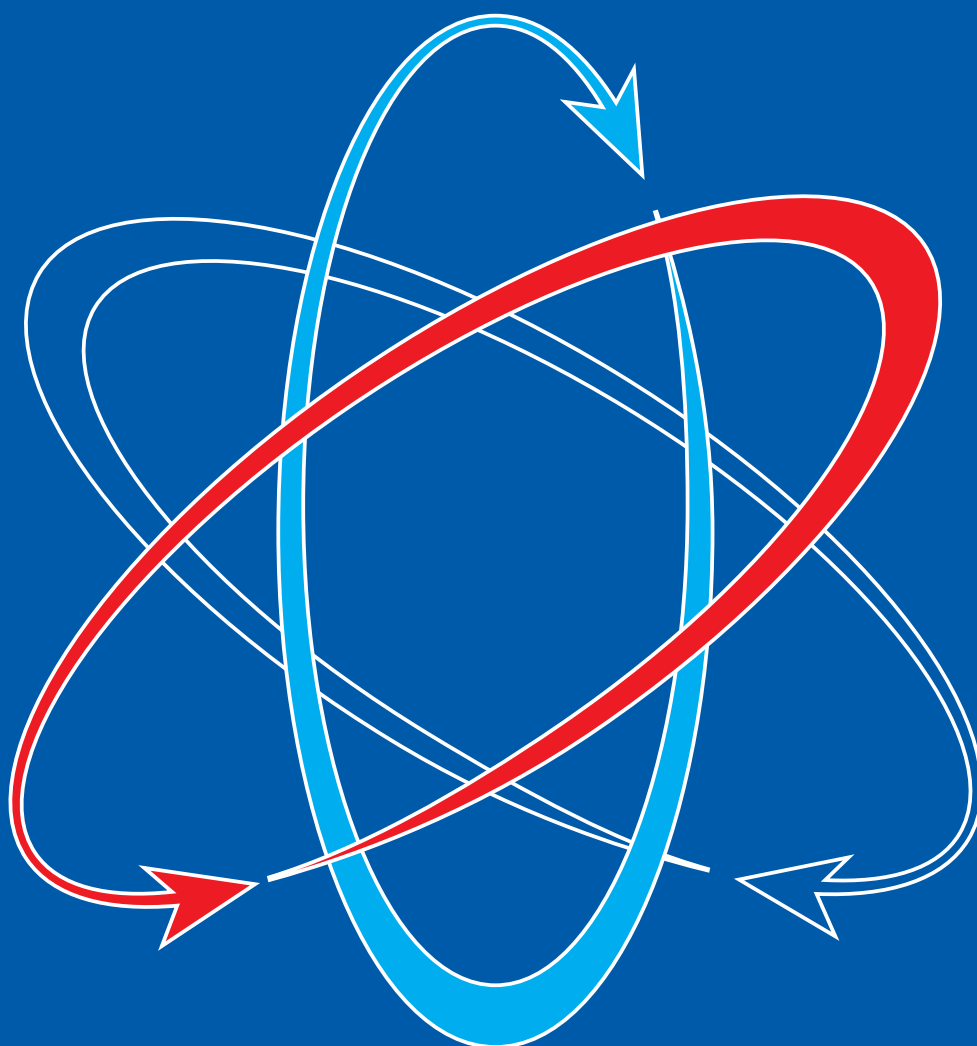
19 YEARS  
OF EXCELLENT  
SERVICE



### Performance Details

Multi-Wedge Hepa Filter	Nominal H x W	Actual H x W	Airflow [m³/h]	Initial Pressure Drop [Pa]
Final recommended pressure drop 600 Pa	H13 24x24x12	610x610x292	4000	250
	H13 24x12x12	610x305x292	2000	250
	H14 24x24x12	610x610x292	3400	250
	H14 24x12x12	610x305x292	1700	250

**Non-standard sizes available upon special request.**



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