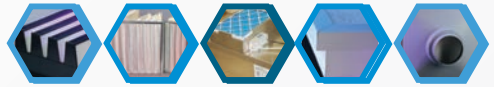


FLOW AIR FILTERS

FlowAir

■ ■ ■ F I I L T R I S

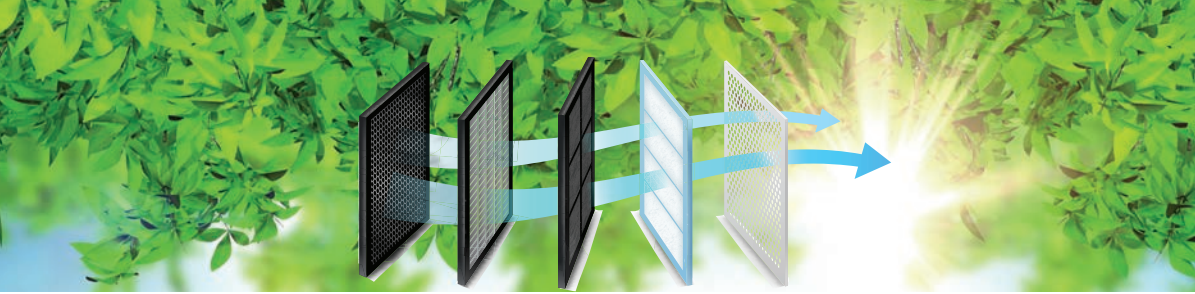


SUMMARY



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Flow Air Filters designs and distributes a complete line of air filters.

With fifty years of experience. Flow Air Filters are well known experts in the field of air filtration and their experience can service you well when choosing the ideal filter for your needs. Our filters meet the most stringent demands of air filtration systems whether it is in laboratories or manufacturing facilities.

Flow Air Filters professional design team, our vast expertise and experience also allows us to offer any type of standard filter or custom made to suit a customers specific needs. Large stocks of filters are readily available in our factory in France which enables us to respond quickly to our customers needs and requests.

Since 1968 Flow Air Filters (ADS Laminaire group), which is a family run company, has been designing, manufacturing and marketing Laminar Flow Equipment.

It was the first French company to specialize in this field and today holds a respectable place in the international market including well known companies amongst their customers.

In order to offer our customers a complete and comprehensive range of products in the Clean room and air industry, in 1973 we began marketing a complete range of consumables and disposables, in 1981 began manufacturing and marketing air filters and to better serve our customers in the USA in 2009 we opened a commercial office in Chicago to cover the USA and Canadian market.



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AMER

AMER / DURA Filter

Media

Glass fiber filtering media with progressive density. This media is generally used for the prefiltration of fresh air in cooling heating and ventilation systems (air handling systems)

Applications: Pre-filtration to stop larger particles, air handling system.

Type: Plan gravimetric filter with fiberglass media

Frame: Cardboard with cardboard holding crosspieces

Media: Fiberglass Efficiency EN 779: G2, G3 **ISO 16 890 efficiency:** Coarse 70-80%

Final pressure drop: 350 Pa - 500 Pa **Maximum flow:** nominal flow

Temperature: 80 °C maximum **Mounting system:** Assemblable frames



| Reference | Dimensions [mm] | Efficiency EN 779 | ISO 16 890 | Media area [m²] | Flow/ ΔP nominal [m³/h/Pa] | Weight [Kg] |
|--------------------|-----------------|-------------------|------------|-----------------|----------------------------|-------------------|
| Frame table | | | | | | |
| AMER-B-16-20-1-C | 390×490×25 | G3 | Coarse 80% | 0.2 | 1400/50 | 0.2 |
| AMER-B-20-20-1-C | 490×490×25 | G3 | Coarse 80% | 0.25 | 1750/50 | 0.25 |
| AMER-B-20-24-1-C | 490×590×25 | G3 | Coarse 80% | 0.3 | 2000/50 | 0.3 |
| AMER-B-12-24-2-C | 290×590×50 | G3 | Coarse 80% | 0.2 | 1200/60 | 0.25 |
| AMER-B-20-24-2-C | 490×590×50 | G3 | Coarse 80% | 0.3 | 1900/60 | 0.35 |
| AMER-B-24-24-2-C | 590×590×50 | G3 | Coarse 80% | 0.35 | 2400/60 | 0.4 |
| Dimensions [m] | | Frame table | | [m²] | Flow/ ΔP on 1[m²] | Weight [Kg]/ [m²] |
| AMER-B-0,5-60 | 60×0,5 | G3 | Coarse 80% | 30 | 6000/60 | 0.7 |
| AMER-B-0,6-60 | 60×0,6 | G3 | Coarse 80% | 36 | 6000/60 | 0.7 |
| AMER-B-1-60 | 60×1 | G3 | Coarse 80% | 60 | 6000/60 | 0.7 |
| AMER-B-1,5-60 | 60×1,5 | G3 | Coarse 80% | 90 | 6000/60 | 0.7 |

* Filters are available in any specific size on request

DURA

Media

Dura is a natural fibre media which is generally used for the pre-filtration of fresh air in air handling units with an average efficiency of 85% gravimetric. This media can be supplied in standard sized rolls, cut to customized dimensions or in a frame. Standard thicknesses are 12, 25 and 50 mm. DURA is a very popular media in industry known for its quality / price ratio, its holding capacity and for being washable.

| Reference | Dimensions [mm] | Efficiency EN 779 | ISO 16 890 | Media area [m²] | Flow/ ΔP nominal [m³/h/Pa] | Weight [Kg] |
|--------------------|-----------------|-------------------|------------|-----------------|----------------------------|-------------------|
| Frame table | | | | | | |
| DURA-G-20-20-1 | 490×490×25 | G2 | Coarse 70% | 0.2 | 1750/50 | 2.5 |
| DURA-G-20-24-1 | 490×590×25 | G2 | Coarse 70% | 0.25 | 2100/50 | 3 |
| DURA-G-24-24-1 | 590×590×25 | G2 | Coarse 70% | 0.3 | 2500/50 | 3.5 |
| DURA-G-20-20-2 | 490×490×50 | G2 | Coarse 70% | 0.2 | 1200/60 | 3.5 |
| DURA-G-20-24-2 | 490×590×50 | G2 | Coarse 70% | 0.3 | 1900/60 | 4 |
| DURA-G-24-24-2 | 590×590×50 | G2 | Coarse 70% | 0.35 | 2400/60 | 4.5 |
| Dimensions [m] | | Frame table | | [m²] | Flow/ ΔP on 1[m²] | Weight [Kg]/ [m²] |
| DURA-20-0,5 | 9,15×0,5 | G2 | Coarse 70% | 4,6 | 6000/40 | 1,5 |
| DURA-24-0,5 | 9,15×0,6 | G2 | Coarse 70% | 5,5 | 6000/40 | 1,5 |
| DURA-20-1 | 9,15×0,5 | G2 | Coarse 70% | 4,6 | 5500/50 | 2 |
| DURA-24-1 | 9,15×0,6 | G2 | Coarse 70% | 5,5 | 5500/50 | 2 |
| DURA-20-2 | 9,15×0,5 | G2 | Coarse 70% | 4,6 | 5000/60 | 2,5 |
| DURA-24-2 | 9,15×0,6 | G2 | Coarse 70% | 5,5 | 5000/60 | 2,5 |
| DURA-25-2 | 9,15×0,625 | G2 | Coarse 70% | 5,8 | 5000/60 | 2,5 |

* Filters are available in any specific size on request

W Filter

W-Filter (medium efficiency)

Media

The laminated cotton / polyester media is ideal for the production of pleated filters. A hardened steel mesh is glued to its surface so as to provide it with structural support. Two standard efficiencies are available as standard ISO 16 890 Coarse 70%, (EN 779-G4) and ISO 16 890 eMP10 50% (EN 779-G5).

Characteristics

These filters exist in several finishes:

High capacity: 45 pleats per linear meter in 23mm Thickness.

High capacity: 32 pleats per linear meter in 47mm Thickness.

High capacity: 29 pleats per linear meter in 96mm Thickness.

Applications: Pre-filtration to stop larger particles, air handling unit

Type: Disposable gravimetric filter, cardboard frame, pleated media on grid

Frame: Rigid waxed cardboard with diagonal stiffeners.

Option: Metal frame

Media: Cotton / polyester laminate

Sealant: Glue **Grid:** Metallic

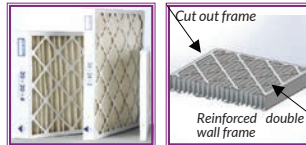
ISO 16890 efficiency: Coarse 70%

Final pressure drop: 250 Pa

Maximum flow: 1.1 × nominal flow

Temperature: 80 ° C maximum

Mounting system: Assemblable frame



| Reference | Dimensions [mm] | Efficiency EN 779 | ISO 16890 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|----------------|-----------------|-------------------|------------|------------------------------|--|-------------|
| W-04-12-24-1-C | 290×590×23 | G4 | Coarse 70% | 0.35 | 920/70 | 0.2 |
| W-04-16-20-1-C | 390×490×23 | G4 | Coarse 70% | 0.40 | 1030/70 | 0.2 |
| W-04-16-25-1-C | 390×620×23 | G4 | Coarse 70% | 0.50 | 1300/70 | 0.25 |
| W-04-18-24-1-C | 450×590×23 | G4 | Coarse 70% | 0.55 | 1420/70 | 0.25 |
| W-04-20-20-1-C | 490×490×23 | G4 | Coarse 70% | 0.50 | 1290/70 | 0.25 |
| W-04-20-25-1-C | 490×620×23 | G4 | Coarse 70% | 0.63 | 1630/70 | 0.25 |
| W-04-24-24-1-C | 590×590×23 | G4 | Coarse 70% | 0.72 | 1870/70 | 0.3 |
| W-04-12-20-2-C | 290×490×47 | G4 | Coarse 70% | 0.43 | 1280/70 | 0.2 |
| W-04-12-24-2-C | 290×590×47 | G4 | Coarse 70% | 0.51 | 1530/70 | 0.25 |
| W-04-16-20-2-C | 390×490×47 | G4 | Coarse 70% | 0.57 | 1710/70 | 0.25 |
| W-04-16-24-2-C | 390×590×47 | G4 | Coarse 70% | 0.69 | 2060/70 | 0.3 |
| W-04-16-25-2-C | 390×620×47 | G4 | Coarse 70% | 0.73 | 2170/70 | 0.3 |
| W-04-18-20-2-C | 450×490×47 | G4 | Coarse 70% | 0.66 | 1980/70 | 0.3 |
| W-04-18-24-2-C | 450×590×47 | G4 | Coarse 70% | 0.80 | 2380/70 | 0.3 |
| W-04-20-20-2-C | 490×490×47 | G4 | Coarse 70% | 0.72 | 2150/70 | 0.3 |
| W-04-20-24-2-C | 490×590×47 | G4 | Coarse 70% | 0.87 | 2590/70 | 0.35 |
| W-04-20-25-2-C | 490×620×47 | G4 | Coarse 70% | 0.91 | 2720/70 | 0.35 |
| W-04-24-24-2-C | 590×590×47 | G4 | Coarse 70% | 1.05 | 3120/70 | 0.4 |
| W-04-25-25-2-C | 620×620×47 | G4 | Coarse 70% | 1.16 | 3000/70 | 0.45 |
| W-04-12-24-4-C | 290×590×96 | G4 | Coarse 70% | 0.95 | 2350/90 | 0.45 |
| W-04-16-20-4-C | 390×490×96 | G4 | Coarse 70% | 1.06 | 2620/90 | 0.45 |
| W-04-16-25-4-C | 390×620×96 | G4 | Coarse 70% | 1.35 | 3320/90 | 0.55 |
| W-04-18-24-4-C | 450×590×96 | G4 | Coarse 70% | 1.48 | 3640/90 | 0.6 |
| W-04-20-20-4-C | 490×490×96 | G4 | Coarse 70% | 1.34 | 3290/90 | 0.55 |
| W-04-20-24-4-C | 490×590×96 | G4 | Coarse 70% | 1.61 | 3970/90 | 0.6 |
| W-04-20-25-4-C | 490×620×96 | G4 | Coarse 70% | 1.69 | 4170/90 | 0.7 |
| W-04-24-24-4-C | 590×590×96 | G4 | Coarse 70% | 1.94 | 4770/90 | 0.7 |

* Filters are available in any specific size on request

MS Filter

Synthetic media

Media

Filter mat based on high performance synthetic fibers, multilayered with progressive efficiency.

This composition allows the filter to clog in depth, considerably increasing its service life, reducing the pressure drop and therefore the energy consumption.

Applications

- Industry
- Hotel
- Pre-filtration for clean room
- Food industry
- Painting booth
- Theater / cinema
- Other

Air speed: 1,5m/s

Air flow per m²/h: 5400m³/h

Initial use pressure drop: 35 Pa

Final use pressure drop: 250 Pa

Holding capacity: 620 g/m²

ISO 16 890 efficiency: Coarse 70% - 90%

Frame: Cardboard

EN 779 classification: G2-G4

Maximum operating temperature: 100 °C

Maximum peak temperature: 120 °C

Thickness: 20mm

Maximum relative humidity (RH): 100%

Standard rolls: See table



| Reference | Dimensions [mm] | Efficiency EN 779 | ISO 16890 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|--------------------|-----------------|-------------------|--------------------|------------------------------|--|-----------------------------|
| Frame table | | | | | | |
| h-16-24-C | 390×590×20 | G3 | Coarse 80% | 0.24 | 1300/35 | 0.25 |
| h-20-20-1-C | 490×490×20 | G3 | Coarse 80% | 0.24 | 1300/35 | 0.25 |
| h-20-24-1-C | 490×590×20 | G3 | Coarse 80% | 0.3 | 1600/35 | 0.35 |
| h-24-24-1-C | 590×590×20 | G3 | Coarse 80% | 0.36 | 1900/35 | 0.4 |
| h-6 | 405×610×20 | G3 | Coarse 80% | 0.24 | 1300/35 | 0.25 |
| h-8 | 405×760×20 | G3 | Coarse 80% | 0.3 | 1600/35 | 0.35 |
| h-9 | 405×915×20 | G3 | Coarse 80% | 0.36 | 1900/35 | 0.4 |
| h-3-7 | 305×760×20 | G3 | Coarse 80% | 0.23 | 1250/35 | 0.25 |
| h-3-3 | 305×305×20 | G3 | Coarse 80% | 0.1 | 540/35 | 0.1 |
| h-3-6 | 305×610×20 | G3 | Coarse 80% | 0.2 | 1080/35 | 0.2 |
| Dimensions | | | | | | |
| | [m] | | Frame table | [m ²] | Flow / ΔP on | Weight |
| | | | | | 1[m²] | [Kg]/[m²] |
| VNF-290-F1 | 20×1 | G3 | Coarse 80% | 20 | 5400/35 | 0.62 |
| VNF-290-F2 | 20×2 | G3 | Coarse 80% | 40 | 5400/35 | 0.62 |
| VNF-300-F1 | 20×1 | G4 | Coarse 90% | 20 | 5400/42 | 0.5 |
| VNF-300-F2 | 20×2 | G4 | Coarse 90% | 40 | 5400/42 | 0.5 |
| C-15-150-F1 | 40×1 | G2 | Coarse 70% | 40 | 5400/20 | 0.52 |
| C-15-150-F2 | 40×2 | G2 | Coarse 70% | 80 | 5400/20 | 0.52 |

* Filters are available in any specific size on request

FP Filter

Medium efficiency pocket filters

Media

The filter media constituting the bags is based on high performance synthetic fibers, multilayer with progressive efficiency. This composition allows the filter to clog in depth, considerably increasing its life service, reducing the pressure drop and therefore the energy consumption.

The medium efficiency pocket filters withstand saturated atmospheres in hygrometry. These filters meet European and American standards. The structure of the filter prevents the release of dust even during sudden pressure peaks and guarantees a perfect seal between the frame and the media. The quality of the product allows us to print the nominal efficiency clearly on the pockets.



Applications: Filtration of fresh or recycled air from premises into the air conditioner

Type: Medium efficiency filter, with synthetic fiber bags

Frame: Galvanized steel sheet, thickness 20mm

Media: Polypropylene fiber felt

ISO 16 890 efficiency: Coarse-90% - ePM10 50% (EN 779 G4-M5)

Dimensions: Dimensions cf. table

Final pressure drop: Pressure drop initial + 100 Pa

Maximum flow: 1.25 × nominal flow

Temperature: 70°C maximum

Mounting system: assemblable frame

Applications:

- Hotel
- Prefiltration for clean rooms
- Clean room
- Food industry
- Painting booth
- Theater / cinema
- Other

| Reference | Dimensions [mm] | ISO 16890 | Efficiency EN 779 | Media area [m ²] | Number of pockets | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|---------------|-----------------|------------|-------------------|------------------------------|-------------------|--|-------------|
| FP-04-363-B-0 | 287x592x380 | Coarse 90% | G4 | 2.1 | 3 | 1700/50 | 1.4 |
| FP-04-463-B-0 | 490x592x380 | Coarse 90% | G4 | 3.2 | 4 | 2800/50 | 2.3 |
| FP-04-663-B-0 | 592x592x380 | Coarse 90% | G4 | 4.3 | 6 | 3400/50 | 2.5 |
| FP-04-366-B-0 | 287x592x600 | Coarse 90% | G4 | 2.3 | 3 | 1700/40 | 1.5 |
| FP-04-466-B-0 | 490x592x600 | Coarse 90% | G4 | 3.9 | 4 | 2800/40 | 2.4 |
| FP-04-666-B-0 | 592x592x600 | Coarse 90% | G4 | 4.6 | 6 | 3400/40 | 2.6 |
| FP-05-363-B-0 | 287x592x380 | ePM10 50% | M5 | 2.1 | 3 | 1700/60 | 1.4 |
| FP-05-463-B-0 | 490x592x380 | ePM10 50% | M5 | 3.2 | 4 | 2800/60 | 2.3 |
| FP-05-663-B-0 | 592x592x380 | ePM10 50% | M5 | 4.3 | 6 | 3400/60 | 2.5 |
| FP-05-366-B-0 | 287x592x600 | ePM10 50% | M5 | 2.3 | 3 | 1700/50 | 1.5 |
| FP-05-466-B-0 | 490x592x600 | ePM10 50% | M5 | 3.9 | 4 | 2800/50 | 2.4 |
| FP-05-666-B-0 | 592x592x600 | ePM10 50% | M5 | 4.6 | 6 | 3400/50 | 2.5 |

* Filters are available in any specific size on request

FP Filter

Very high efficiency pocket filters

Media

The filter media is constituting the bags based on high performance synthetic fibers, multilayer with progressive efficiency. This composition allows the filter to clog in depth, considerably increasing its service life, reducing the pressure drop and therefore the energy consumption

Very high efficiency pocket filters that can withstand saturated atmospheres in humidity. These filters meet European and American standards. The structure of the filter prevents the emission of dust even during sudden pressure peaks and guarantees a perfect seal between the frame and the media. The quality of the product allows us to clearly print the nominal efficiency on the pockets.

Applications: Filtration of fresh or recycled air from premises into the air conditioner

Type: Very high efficiency filter, with synthetic fiber bags

Frame: Galvanized steel sheet, thickness 20mm

Media: Polypropylene fiber felt

ISO 16 890 efficiency: ePM2.5-60% - ePM1-95%

Dimensions: Dimensions cf. table

Final pressure drop: Initial pressure drop + 100 Pa

Maximum flow: 1.25 × nominal flow

Temperature: 70 °C maximum

Mounting system: assemblable frame-see p.26



| Reference | Dimensions [mm] | ISO 16890 | Efficiency EN 779 | Media area [m ²] [m ²] | Number of pockets | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|---------------|-----------------|------------|-------------------|--|-------------------|--|-------------|
| FP-06-363-B-0 | 287x592x380 | ePM2,5 60% | M6 | 2.1 | 4 | 1700/90 | 1.2 |
| FP-06-463-B-0 | 490x592x380 | ePM2,5 60% | M6 | 3.2 | 6 | 2800/90 | 1.9 |
| FP-06-663-B-0 | 592x592x380 | ePM2,5 60% | M6 | 4.3 | 8 | 3400/90 | 2.1 |
| FP-06-366-B-0 | 287x592x600 | ePM2,5 60% | M6 | 2.4 | 4 | 1700/80 | 1.5 |
| FP-06-466-B-0 | 490x592x600 | ePM2,5 60% | M6 | 3.6 | 6 | 2800/80 | 2.4 |
| FP-06-666-B-0 | 592x592x600 | ePM2,5 60% | M6 | 4.7 | 8 | 3400/80 | 2.6 |
| FP-07-363-B-0 | 287x592x380 | ePM1 65% | F7 | 2.1 | 4 | 1700/100 | 1.2 |
| FP-07-463-B-0 | 490x592x380 | ePM1 65% | F7 | 3.2 | 6 | 2800/100 | 1.9 |
| FP-07-663-B-0 | 592x592x380 | ePM1 65% | F7 | 4.3 | 8 | 3400/100 | 2.1 |
| FP-07-366-B-0 | 287x592x600 | ePM1 65% | F7 | 2.4 | 4 | 1700/90 | 1.5 |
| FP-07-466-B-0 | 490x592x600 | ePM1 65% | F7 | 3.6 | 6 | 2800/90 | 2.4 |
| FP-07-666-B-0 | 592x592x600 | ePM1 65% | F7 | 4.7 | 8 | 3400/90 | 2.6 |
| FP-08-363-B-0 | 287x592x380 | ePM1 75% | F8 | 2.1 | 4 | 1700/120 | 1.2 |
| FP-08-463-B-0 | 490x592x380 | ePM1 75% | F8 | 3.2 | 6 | 2800/120 | 1.9 |
| FP-08-663-B-0 | 592x592x380 | ePM1 75% | F8 | 4.3 | 8 | 3400/120 | 2.1 |
| FP-08-366-B-0 | 287x592x600 | ePM1 75% | F8 | 2.4 | 4 | 1700/110 | 1.5 |
| FP-08-466-B-0 | 490x592x600 | ePM1 75% | F8 | 3.6 | 6 | 2800/110 | 2.4 |
| FP-08-666-B-0 | 592x592x600 | ePM1 75% | F8 | 4.7 | 8 | 3400/110 | 2.6 |
| FP-09-363-B-0 | 287x592x380 | ePM1 95% | F9 | 2.1 | 4 | 1700/140 | 1.2 |
| FP-09-463-B-0 | 490x592x380 | ePM1 95% | F9 | 3.2 | 6 | 2800/140 | 1.9 |
| FP-09-663-B-0 | 592x592x380 | ePM1 95% | F9 | 4.3 | 8 | 3400/140 | 2.1 |
| FP-09-366-B-0 | 287x592x600 | ePM1 95% | F9 | 2.4 | 4 | 1700/130 | 1.5 |
| FP-09-466-B-0 | 490x592x600 | ePM1 95% | F9 | 3.6 | 6 | 2800/130 | 2.4 |
| FP-09-666-B-0 | 592x592x600 | ePM1 95% | F9 | 4.7 | 8 | 3400/130 | 2.6 |
| FP-09-666-B-0 | 592x592x600 | ePM1 95% | F9 | 4.7 | 8 | 3400/130 | 2.6 |

* Filters are available in any specific size on request

Vcells Filter (FPR)

Vcells Filter (FPR)

Media

The FPR is a Vcells filter with 4V is specially designed to retain fine dust, fumes, vapors and bacteria. The FPR is suitable for installation in an air handling systems, for the pre-filtration of clean rooms (easy replacement). The RPF has a recyclable plastic frame.

Option: Synthetic media, galvanized steel frame



Applications: Treatment of air conditioned rooms and pre-filtration of clean rooms (easy replacement)

Type: Compact high efficiency multi-filter, fireproof

Frame: recyclable plastic frame

Media: Fiberglass, synthetic paper

Separators: Hot-melt separators

Sealant: Polyurethane

ISO 16890 efficiency: ePM1 60% - ePM2.5 95%

Efficiency EN 779: F6-E11

Dimensions: Front dimensions cf. table

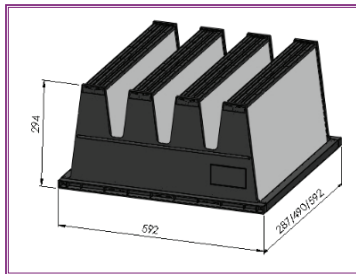
Final pressure drop: 500 Pa

Maximum flow: 1.25 × normal flow

Temperature: 80 °C maximum

Mounting systems: Easy installation, casing-p.26

Option: Efficiency EN 1822: E10-E11; UL 900



| Reference | Dimensions [mm] | Efficiency EN 779 | ISO 16890 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|--------------|-----------------|-------------------|------------|------------------------------|--|-------------|
| FPR-06-36-HC | 287×592×290 | F6 | ePM2,5 60% | 9 | 2125/100 | 3 |
| FPR-06-46-HC | 490×592×290 | F6 | ePM2,5 60% | 15 | 3400/100 | 4.5 |
| FPR-06-66-HC | 592×592×290 | F6 | ePM2,5 60% | 19 | 4250/100 | 5.5 |
| FPR-07-36-HC | 592×287×290 | F7 | ePM1 65% | 9 | 2125/110 | 3 |
| FPR-07-46-HC | 490×592×290 | F7 | ePM1 65% | 15 | 3400/110 | 4.5 |
| FPR-07-66-HC | 592×592×290 | F7 | ePM1 65% | 19 | 4250/110 | 5.5 |
| FPR-08-36-HC | 287×592×290 | F8 | ePM1 75% | 9 | 2125/130 | 3 |
| FPR-08-46-HC | 490×592×290 | F8 | ePM1 75% | 15 | 3400/130 | 4.5 |
| FPR-08-66-HC | 592×592×290 | F8 | ePM1 75% | 19 | 4250/130 | 5.5 |
| FPR-09-36-HC | 287×592×290 | F9 | ePM1 95% | 9 | 2125/160 | 3 |
| FPR-09-46-HC | 490×592×290 | F9 | ePM1 95% | 15 | 3400/160 | 4.5 |
| FPR-09-66-HC | 592×592×290 | F9 | ePM1 95% | 19 | 4250/160 | 5.5 |

| Reference | Dimensions [mm] | Efficiency EN 1822 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|--------------|-----------------|--------------------|------------------------------|--|-------------|
| FPR-11-36-HC | 287×592×290 | E11 | 9 | 1400/250 | 3 |
| FPR-11-46-HC | 490×592×290 | E11 | 15 | 2500/250 | 4.5 |
| FPR-11-66-HC | 592×592×290 | E11 | 19 | 2800/250 | 5.5 |

* Filters are available in any specific size on request

FRS Synthetic Filter

Vcells Filter (FRS)

Media

The FRS is a Vcells model 4V is specially designed to retain fine dust, fumes, vapors and bacteria. The FPR is suitable for installation in an air handling systems, for the prefiltration of clean rooms (easy replacement). The RPF has a recyclable plastic frame.



Applications: Treatment of air conditioned rooms and pre-filtration of clean rooms (easy replacement)

Type: Compact high efficiency multi-filter, fireproof

Frame: Recyclable plastic frame

Media: Fiberglass, synthetic paper

Separators: Hot-melt separators

Sealant: Polyurethane

ISO 16890 efficiency: ePM1 60% - ePM2.5 95%

Efficiency EN 779: F6-F9

Dimensions: Front dimensions cf. table

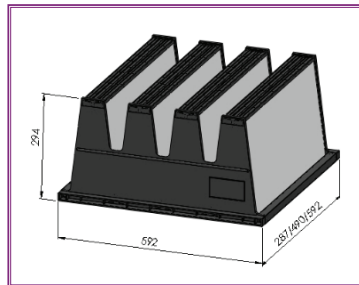
Final pressure drop: 500 Pa

Maximum flow: 1.25 × normal flow

Temperature: 80 ° C maximum

Mounting systems: Easy installation, casing

Option: Efficiency EN 1822: E10-E11; UL 900



| Reference | Dimensions [mm] | Efficiency EN 779 | ISO 16890 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|--------------|-----------------|-------------------|------------|------------------------------|--|-------------|
| FRS-05-36-HC | 287×592×290 | M5 | ePM2,5 50% | 7 | 2125/100 | 3 |
| FRS-05-46-HC | 490×592×290 | M5 | ePM2,5 50% | 11 | 3400/100 | 4.5 |
| FRS-05-66-HC | 592×592×290 | M5 | ePM2,5 50% | 14 | 4250/100 | 5.5 |
| FRS-06-36-HC | 592×287×290 | M6 | ePM1 60% | 7 | 2125/110 | 3 |
| FRS-06-46-HC | 490×592×290 | M6 | ePM1 60% | 11 | 3400/110 | 4.5 |
| FRS-06-66-HC | 592×592×290 | M6 | ePM1 60% | 14 | 4250/110 | 5.5 |
| FRS-07-36-HC | 287×592×290 | F7 | ePM1 65% | 7 | 2125/130 | 3 |
| FRS-07-46-HC | 490×592×290 | F7 | ePM1 65% | 11 | 3400/130 | 4.5 |
| FRS-07-66-HC | 592×592×290 | F7 | ePM1 65% | 14 | 4250/130 | 5.5 |

* Filters are available in any specific size on request

AM Filter

AM

Media

The AM filter is a MINIPLEATS filter, fiberglass media with HOTMELT separators. Filter regularly installed in the air handling unit as a terminal filter or as a return air filter in a clean room.

Characteristics

Choice of flow direction

Flow rate up to 3300m³ / h

Very long service life

Depth 48 or 96mm

The AM filter is available in 4 different efficiencies.

Option:

Expanded polyurethane gasket

74mm wooden profile

Aluminum profile 10mm apart from 30mm up to 110mm

Applications: Air handling systems or industrial processes

Type: Compact filter with high holding capacity

Frame: Plastic / Aluminium

Media: Fiberglass paper

Separators: Hot-melt separators

Grid: White plastic / epoxy painted

Dimensions: Dimensions cf. table

ISO 16 890 efficiency: ePM2.5-60% - ePM1-95%

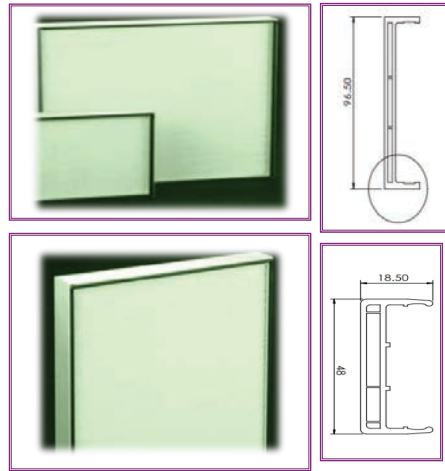
Efficiency EN 779: F6 - F9

Final pressure drop: Initial pressure drop + 100 Pa

Maximum flow: 1.1 × nominal flow

Temperature: 70 ° C maximum

Mounting system: Simple installation, assemblable frame



| Reference | Dimensions [mm] | ISO 16890 | Efficiency EN 779 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|-------------------|-----------------|------------|-------------------|------------------------------|--|-------------|
| AM-06-36-48-45-PP | 305×610×48 | ePM2,5 60% | F6 | 5.2 | 1400/100 | 4 |
| AM-06-66-48-45-PP | 610×610×48 | ePM2,5 60% | F6 | 10.4 | 2800/100 | 6 |
| AM-06-36-96-92-PP | 305×610×96 | ePM2,5 60% | F6 | 8.1 | 1700/100 | 6 |
| AM-06-66-96-92-PP | 610×610×96 | ePM2,5 60% | F6 | 16.2 | 3300/100 | 8 |
| AM-07-36-48-45-PP | 305×610×48 | ePM1 65% | F7 | 5.2 | 1400/120 | 4 |
| AM-07-66-48-45-PP | 610×610×48 | ePM1 65% | F7 | 10.4 | 2800/120 | 6 |
| AM-07-36-96-92-PP | 305×610×96 | ePM1 65% | F7 | 8.1 | 1700/120 | 6 |
| AM-07-66-96-92-PP | 610×610×96 | ePM1 65% | F7 | 16.2 | 3300/120 | 8 |
| AM-08-36-48-45-PP | 305×610×48 | ePM1 75% | F8 | 5.2 | 1400/130 | 4 |
| AM-08-66-48-45-PP | 610×610×48 | ePM1 75% | F8 | 10.4 | 2800/130 | 6 |
| AM-08-36-96-92-PP | 305×610×96 | ePM1 75% | F8 | 8.1 | 1700/130 | 6 |
| AM-08-66-96-92-PP | 610×610×96 | ePM1 75% | F8 | 16.2 | 3300/130 | 8 |
| AM-09-36-48-45-PP | 305×610×48 | ePM1 95% | F9 | 5.2 | 1400/160 | 4 |
| AM-09-66-48-45-PP | 610×610×48 | ePM1 95% | F9 | 10.4 | 2800/160 | 6 |
| AM-09-36-96-92-PP | 305×610×96 | ePM1 95% | F9 | 8.1 | 1700/160 | 6 |
| AM-09-66-96-92-PP | 610×610×96 | ePM1 95% | F9 | 16.2 | 3300/160 | 8 |

* Filters are available in any specific size on request

Deep AM Filter

Deep AM

Media

The deep AM filter is a MINIPLEATS filter, fiberglass media with HOTMELT separator. Filter regularly installed in air handling units as final filters or as clean air return filters

Characteristics

Choice of flow direction
Flow rate up to 4600m³/h
Very long service life
Depth 150 or 292mm
The AM filter is available in 4 different efficiencies.

Options:

Expanded polyurethane gasket
Aluminum frame
Wooden frame 150 and 292mm

Applications: Air handling systems or industrial processes

Type: Compact filter with holding capacity

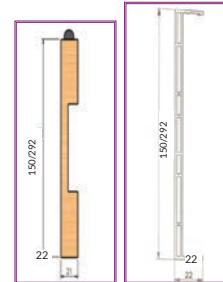
Frame: Plastic

Media: fiberglass paper

Separators: Hot-melt separators

Grid: White plastic

ISO 16 890 efficiency: ePM2.5-60% - ePM1-95%



| Reference | Dimensions [mm] | ISO 16890 | Efficiency EN 779 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|---------------------|-----------------|------------|-------------------|------------------------------|--|-------------|
| AM-06-36-150-75-AP | 305×610×150 | ePM2,5 60% | F6 | 8.1 | 1700/100 | 7 |
| AM-06-66-150-75-AP | 610×610150 | ePM2,5 60% | F6 | 16.2 | 3300/100 | 14 |
| AM-06-36-292-170-AP | 305×610×292 | ePM2,5 60% | F6 | 15.5 | 2300/100 | 9 |
| AM-06-66-292-170-AP | 610×610×292 | ePM2,5 60% | F6 | 31 | 4600/100 | 18 |
| AM-07-36-150-75-AP | 305×610×150 | ePM1 65% | F7 | 8.1 | 1700/120 | 7 |
| AM-07-66-150-75-AP | 610×610150 | ePM1 65% | F7 | 16.2 | 3300/120 | 14 |
| AM-07-36-292-170-AP | 305×610×292 | ePM1 65% | F7 | 15.5 | 2300/120 | 9 |
| AM-07-66-292-170-AP | 610×610×292 | ePM1 65% | F7 | 31 | 4600/120 | 18 |
| AM-08-36-150-75-AP | 305×610×150 | ePM1 75% | F8 | 8.1 | 1700/130 | 7 |
| AM-08-66-150-75-AP | 610×610150 | ePM1 75% | F8 | 16.2 | 3300/130 | 14 |
| AM-08-36-292-170-AP | 305×610×292 | ePM1 75% | F8 | 15.5 | 2300/130 | 9 |
| AM-08-66-292-170-AP | 610×610×292 | ePM1 75% | F8 | 31 | 4600/130 | 18 |
| AM-09-36-150-75-AP | 305×610×150 | ePM1 95% | F9 | 8.1 | 1700/160 | 7 |
| AM-09-66-150-75-AP | 610×610150 | ePM1 95% | F9 | 16.2 | 3300/160 | 14 |
| AM-09-36-292-170-AP | 305×610×292 | ePM1 95% | F9 | 15.5 | 2300/160 | 9 |
| AM-09-66-292-170-AP | 610×610×292 | ePM1 95% | F9 | 31 | 4600/160 | 18 |

* Filters are available in any specific size on request

AML Filter

AML

Media

The AML filter is a MINIPLEATS filter, fiberglass media with HOTMELT separator.

Filter with 22mm flange regularly installed in air handling units as final filters or as clean air return filters.

Option:

Expanded polyurethane seal

Applications: Air handling systems or industrial processes

Type: Compact high efficiency filter with 22mm flange.

Frame: Aluminum, plastic

Media: Fiberglass paper

Sealant: Polyurethane

Grid: Mild steel painted white epoxy upstream and downstream, plastic

Separators: Hot-melt separators

Dimensions: Front dimensions cf. table

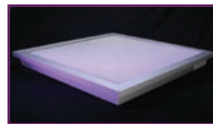
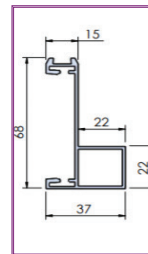
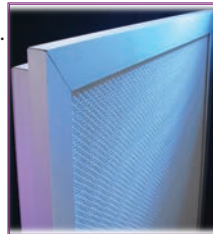
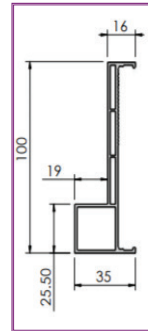
Efficiency: ISO 16890

Maximum flow: 1.15 × nominal flow

Temperature: 70 °C maximum

Max relative humidity: 100%

Mounting system: Assembled frame



| Reference | Dimensions [mm] | Efficiency EN 779 | ISO 16890 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|---------------|--------------------|----------------------|--------------|---------------------------------|---|----------------|
| AML-06-36 | 287×592×68 | F6 | ePM2,5 60% | 3.7 | 1250/100 | 4 |
| AML-06-46 | 490×592×68 | F6 | ePM2,5 60% | 6.1 | 2100/100 | 5 |
| AML-06-66 | 592×592×68 | F6 | ePM2,5 60% | 7.3 | 2500/100 | 6 |
| AML-07-36 | 287×592×68 | F7 | ePM1 65% | 3.7 | 1250/120 | 4 |
| AML-07-46 | 490×592×68 | F7 | ePM1 65% | 6.1 | 2100/120 | 5 |
| AML-07-66 | 592×592×68 | F7 | ePM1 65% | 7.3 | 2500/120 | 6 |
| AML-08-36 | 287×592×68 | F8 | ePM1 75% | 3.7 | 1250/130 | 4 |
| AML-08-46 | 490×592×68 | F8 | ePM1 75% | 6.1 | 2100/130 | 5 |
| AML-08-66 | 592×592×68 | F8 | ePM1 75% | 7.3 | 2500/130 | 6 |
| AML-08-36-100 | 287×592×100 | F8 | ePM1 75% | 7.4 | 2300/130 | 7 |
| AML-08-66-100 | 592×592×100 | F8 | ePM1 75% | 14.8 | 4400/130 | 11 |
| AML-09-36 | 287×592×68 | F9 | ePM1 95% | 3.7 | 1250/160 | 4 |
| AML-09-46 | 490×592×68 | F9 | ePM1 95% | 6.1 | 2100/160 | 5 |
| AML-09-66 | 592×592×68 | F9 | ePM1 95% | 7.3 | 2500/160 | 6 |

* Filters are available in any specific size on request

DIFLOW Filter

DIFLOW

Applications: Ventilation for industry

Type: Dihedral of medium to very high efficiency

Frame: Galvanized steel

Media: Fiberglass paper

Separators: Hot-melt separators

Sealant: Polyurethane

ISO 16890 efficiency: ePM1 75% - ePM1 95%

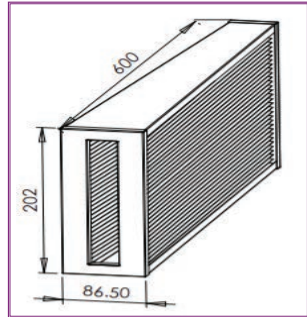
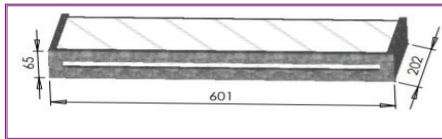
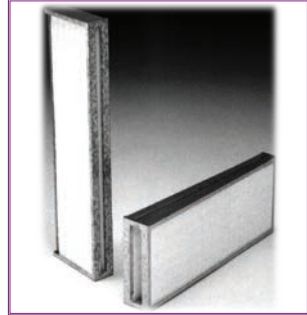
Efficiency EN 1822: E10, H13

Final pressure drop: 350 Pa - 500 Pa

Maximum flow: nominal flow

Temperature: 70 °C maximum

Mounting system: Sealing achieved by means of a special adhesive tape



Dihedral filter of average efficacy

| Reference | Dimensions [mm] | Efficiency EN 779 | ISO 16890 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|------------------------|-----------------|-------------------|-----------|------------------------------|--|-------------|
| DIFLOW-08-600-65-202-G | 600×65×202 | F8 | ePM1 75% | 3.1 | 200/130 | 1.5 |
| DIFLOW-08-87-202-600-G | 87×202×600 | F8 | ePM1 75% | 3.4 | 230/130 | 1.5 |
| DIFLOW-08-87-303-600-G | 87×303×600 | F8 | ePM1 75% | 5.2 | 350/130 | 2 |
| DIFLOW-09-600-65-202-G | 600×65×202 | F9 | ePM1 95% | 3.1 | 170/130 | 1.5 |
| DIFLOW-09-87-202-600-G | 87×202×600 | F9 | ePM1 95% | 3.4 | 190/130 | 1.5 |
| DIFLOW-09-87-303-600-G | 87×303×600 | F9 | ePM1 95% | 5.2 | 300/130 | 2 |

* Filters are available in any specific size on request

Dihedral filter of high efficacy

| Reference | Dimensions [mm] | Efficiency EN 779 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|------------------------|-----------------|-------------------|------------------------------|--|-------------|
| DIFLOW-10-600-65-202-G | 600×65×202 | E10 | 3.1 | 200/130 | 1.5 |
| DIFLOW-10-87-202-600-G | 87×202×600 | E10 | 3.4 | 220/130 | 1.5 |
| DIFLOW-10-87-303-600-G | 87×303×600 | E10 | 5.2 | 300/130 | 2 |
| DIFLOW-13-600-65-202-G | 600×65×202 | H13 | 3.1 | 340/250 | 1.5 |
| DIFLOW-13-87-202-600-G | 87×202×600 | H13 | 3.4 | 370/250 | 1.5 |
| DIFLOW-13-87-303-600-G | 87×303×600 | H13 | 5.2 | 490/250 | 2 |

* Filters are available in any specific size on request

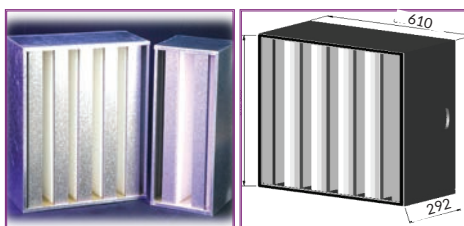
DH Filter

Hepa filter(very high efficiency)

Media

The DH filter is designed for the filtration of ultrafine particles. Used in the medical, pharmaceutical, electronic and research centers, the DH filter meets the most stringent standards such as the EN 1822 + UL 900.

It is often placed in an air handling unit (AHU) upstream of the M or JET type final filters from our range. Media pleating is optimized (filtration surface / front surface) in order to obtain the best flow / pressure drop ratio possible. The service life of the filter is thereby increased.



Applications: Ultrafine particle filtration

Type: Very high efficiency, high flow multi-dihedral filter

Frame: Fireproof ABS frame with handles, (galvanized or stainless steel option).

Gasket: Expanded polyurethane

Media: Micro glass fibers.

Separators: Hotmelt separators

Options: Stainless steel or galvanized steel frame

Sealant: Polyurethane

Efficiency EN 1822: H10 - H12 - H13 - H14

MPPS efficiency: H10 > 85% H12 > 99.5%

H13 > 99.95% H14 > 99.999%

Final pressure drop: 600 Pa

Maximum flow: Flow up to 5000 m³ / h.

Temperature: 80 ° C maximum

Mounting system: Simple installation, very rigid cardboard packaging - (see p.26)

| Reference | Dimensions [mm] | Efficiency EN 1822 | Media area [m ²] | Frame | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|------------------|-----------------|--------------------|------------------------------|--------------------|--|-------------|
| DH-M-10-36-P1-01 | 305x610x292 | H10 | 13 | Plastic | 1800/250 | 8 |
| DH-M-10-66-P1-01 | 610x610x292 | H10 | 31 | Plastic | 4400/250 | 12 |
| DH-M-12-36-P1-01 | 305x610x292 | H12 | 13 | Plastic | 1500/250 | 8 |
| DH-M-12-66-P1-01 | 610x610x292 | H12 | 31 | Plastic | 3800/250 | 12 |
| DH-M-13-25-G1-01 | 287x595x292 | H13 | 12 | Plastic galvanized | 1300/250 | 13 |
| DH-M-13-55-G1-01 | 595x595x292 | H13 | 29 | Plastic galvanized | 3300/250 | 20 |
| DH-M-13-36-P1-01 | 305x610x292 | H13 | 13 | Plastic | 1400/250 | 8 |
| DH-M-13-66-P1-01 | 610x610x292 | H13 | 31 | Plastic | 3600/250 | 12 |
| DH-M-14-36-P1-01 | 305x610x292 | H14 | 13 | Plastic | 1200/250 | 8 |
| DH-M-14-66-P1-01 | 610x610x292 | H14 | 31 | Plastic | 3000/250 | 12 |
| DH-H-10-36-P1-01 | 305x610x292 | H10 | 14 | Plastic | 2000/250 | 8 |
| DH-H-10-66-P1-01 | 610x610x292 | H10 | 34 | Plastic | 5000/250 | 12 |
| DH-H-12-36-P1-01 | 305x610x292 | H12 | 14 | Plastic | 1700/250 | 8 |
| DH-H-12-66-P1-01 | 610x610x292 | H12 | 34 | Plastic | 4000/250 | 12 |
| DH-H-13-25-G1-01 | 287x595x292 | H13 | 13.5 | Plastic galvanized | 1500/250 | 13 |
| DH-H-13-55-G1-01 | 595x595x292 | H13 | 32.5 | Plastic galvanized | 3800/250 | 20 |
| DH-H-13-36-P1-01 | 305x610x292 | H13 | 14 | Plastic | 1600/250 | 8 |
| DH-H-13-66-P1-01 | 610x610x292 | H13 | 34 | Plastic | 4000/250 | 12 |
| DH-H-14-36-P1-01 | 305x610x292 | H14 | 14 | Plastic | 1350/250 | 8 |
| DH-H-14-66-P1-01 | 610x610x292 | H14 | 34 | Plastic | 3400/250 | 12 |

* Filters are available in any specific size on request

MK/MLK Filter

MK/MLK Filter

The “MK / MLK” type filter is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media in mini pleats and HOTMELT separators (which reduces the pressure drop compared to the flow). This filter is designed for filtration of ultrafine particles. It is used in the following fields: pharmaceutical, electronics, optics, research centers and clean rooms. This panel filter has a wide variety of sizes and thicknesses. It is used as a terminal filter for laminar flow hoods and in clean room ceilings. “MK / MLK” filters are tested according to the most recent international standards, ISO 9001, and EN 1822.

The “MK / MLK” is suitable for installation in an air handling unit, for the filtration of clean rooms.

Our “MK / MLK” filters are manufactured and packed in a clean room and are guaranteed to be silicone free.

Applications: Final filtration for clean rooms and laminar flow equipment

Type: HEPA / ULPA fluid seal filter panel

Frame: Anodized aluminum profile / plastic

Media: Fiberglass paper

Separators: Hot-melt separators / blie gel gasket

Option: Laminar veil

Sealant: Polyurethane

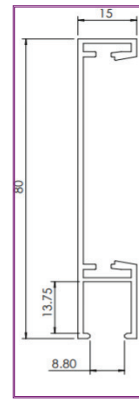
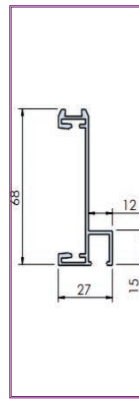
Grid: Mild steel painted white epoxy upstream and downstream

Efficiency EN 1822: H14 and U15

MPPS efficiency: 99.995% and 99.9995%

Temperature: 70 °C maximum

Control: 100%



| Reference | Dimensions [mm] | Efficiency EN 1822 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|---------------|-----------------|--------------------|------------------------------|--|-------------|
| MK-14-66-AP | 562×562×80 | H14 | 8.84 | 510/120 | 5 |
| MK-14-67-AP | 562×762×80 | H14 | 12 | 700/120 | 6 |
| MK-14-69-AP | 562×867×80 | H14 | 13.64 | 790/120 | 7 |
| MK-14-612-AP | 562×1172×80 | H14 | 18.44 | 1020/120 | 10 |
| MK-14-79-AP | 762×867×80 | H14 | 18.5 | 1030/120 | 11 |
| MK-14-99-AP | 867×867×80 | H14 | 21.05 | 1170/120 | 12 |
| MK-15-612-AP | 562×1172×80 | U15 | 18.44 | 1020/150 | 11 |
| MLK-14-66-AP | 577×577×68 | H14 | 9.3 | 540/120 | 5 |
| MLK-14-69-AP | 577×882×68 | H14 | 14.3 | 830/120 | 7 |
| MLK-14-612-AP | 577×1187×68 | H14 | 19.4 | 1070/120 | 10 |
| MLK-14-39-AL | 355×920×68 | H14 | 9.2 | 530/120 | 5 |

* Filters are available in any specific size on request

M65 Filter

Filter M65

Media

The “M65” filter type is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media in mini pleats and HOTMELT separators (which reduces the pressure drop compared to the flow). This filter is designed for the filtration of ultrafine particles. It is used in the following fields: pharmaceutical, electronics, optics, research centers, clean rooms. This panel filter comes in a wide variety of sizes and thicknesses. It is used as a terminal filter for laminar flow hoods and clean room ceilings. The “M65” filters are tested according to the latest international standards, ISO 9001, and EN 1822. Our “M65” filters are manufactured and packaged in a clean room and are guaranteed to be silicone free.

Applications: Final filtration for clean rooms and laminar flow equipment

Type: HEPA / ULPA fluid seal filter panel

Frame: Anodized aluminum profile

Seal: Clean room gel

Media: Fiberglass paper

Separators: Hot-melt separators

Option: Laminar veil

Sealant: Polyurethane

Grid: Mild steel painted white

epoxy upstream and downstream

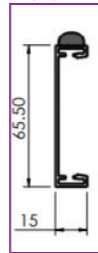
Efficiency EN 1822: H14 and U15

MPPS efficiency: 99.995% and 99.9995%

Temperature: 70 °C maximum

Control: 100%

Option: Aluminum frame from 30 to 110mm in 10mm intervals



| Reference | Dimensions [mm] | Media area [m²] | Flow [m³/h]/ΔP to 0,45m/s [m²/h/Pa] | | Weight [Kg] |
|--------------------|-----------------|-----------------|-------------------------------------|----------|-------------|
| | | | H14 | U15 | |
| M-14-33-65-50-AP1 | 305×305×65 | 2.6 | 145/120 | 145/150 | 2 |
| M-14-36-65-50-AP1 | 305×610×65 | 5.21 | 290/120 | 290/150 | 4 |
| M-14-37-65-50-AP1 | 305×762×65 | 6.51 | 380/120 | 380/150 | 5 |
| M-14-39-65-50-AP1 | 305×915×65 | 7.81 | 450/120 | 450/150 | 6 |
| M-14-44-65-50-AP1 | 457×457×65 | 5.85 | 333/120 | 333/150 | 4 |
| M-14-46-65-50-AP1 | 457×610×65 | 7.81 | 450/120 | 450/150 | 5 |
| M-14-49-65-50-AP1 | 457×915×65 | 11.71 | 680/120 | 680/150 | 7 |
| M-14-412-65-50-AP1 | 457×1220×65 | 15.61 | 1200/120 | 1200/150 | 13 |
| M-14-418-65-50-AP1 | 457×1830×65 | 23.42 | 1380/120 | 1380/150 | 17 |
| M-14-66-65-50-AP1 | 610×610×65 | 10.42 | 600/120 | 600/150 | 9 |
| M-14-67-65-50-AP1 | 610×762×65 | 13.02 | 750/120 | 750/150 | 10 |
| M-14-69-65-50-AP1 | 610×915×65 | 15.63 | 900/120 | 900/150 | 12 |
| M-14-612-65-50-AP1 | 610×1220×65 | 20.84 | 1200/120 | 1200/150 | 15 |
| M-14-615-65-50-AP1 | 610×1525×65 | 26.05 | 1500/120 | 1500/150 | 18 |
| M-14-618-65-50-AP1 | 610×1830×65 | 31.26 | 1800/120 | 1800/150 | 20 |
| M-14-77-65-50-AP1 | 762×762×65 | 16.26 | 950/120 | 950/150 | 13 |
| M-14-79-65-50-AP1 | 762×915×65 | 19.52 | 1130/120 | 1130/150 | 16 |
| M-14-712-65-50-AP1 | 762×1220×65 | 26.03 | 1060/120 | 1060/150 | 21 |
| M-14-715-65-50-AP1 | 762×1525×65 | 32.54 | 1900/120 | 1900/150 | 24 |
| M-14-718-65-50-AP1 | 762×1830×65 | 39.04 | 2280/120 | 2280/150 | 27 |
| M-14-99-65-50-AP1 | 915×915×65 | 23.44 | 1350/120 | 1350/150 | 19 |
| M-14-912-65-50-AP1 | 915×1220×65 | 31.26 | 1800/120 | 1800/150 | 23 |
| M-14-915-65-50-AP1 | 915×1525×65 | 39.07 | 2250/120 | 2250/150 | 26 |
| M-14-918-65-50-AP1 | 915×1830×65 | 46.88 | 2700/120 | 2700/150 | 29 |

* Filters are available in any specific size on request

M plastic/MB Filter

M plastic / MB filter

The “M plastic / MB filte” filter type is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media in mini pleats and HOTMELT separators (which reduces the pressure drop compared to the flow). This filter is designed for the filtration of ultrafine particles. It is used in the following fields: pharmaceutical, electronics, optics, research centers, clean rooms. This panel filter comes in a wide variety of sizes and thicknesses. It is used as a terminal filter for laminar flow hoods and clean room ceilings. The “M plastic / MB filte” filters are tested according to the latest international standards,

ISO 9001, US standard and EN 1822.

Our “M plastic / MB filte” filters are manufactured and packaged in a clean room and are guaranteed to be silicone free.

Applications: Final filtration for clean rooms and laminar flow equipment

Type: HEPA / ULPA fluid seal filter panel

Frame: Plastic 48/68,5/292

Gasket: Expanded polyurethane

Media: Fiberglass paper

Separators: Hot-melt separators

Sealant: Polyurethane

Grid: Mild steel painted white epoxy upstream and downstream

Efficiency EN 1822: H14 and U15

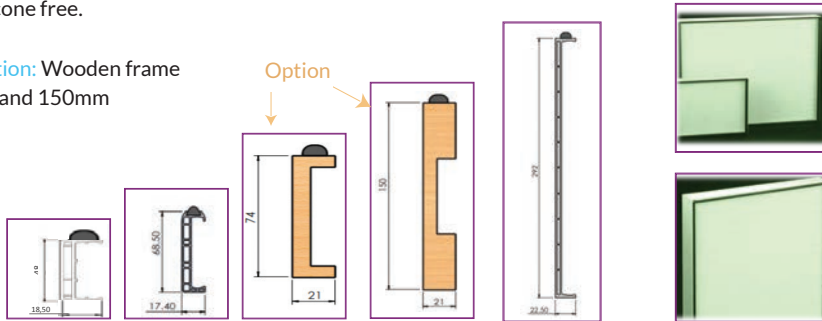
MPPS efficiency: 99.995% and 99.9995%

Temperature: 70 °C maximum

Control: 100%

Option: Laminar veil (silk mesh)

Option: Wooden frame
74 and 150mm



| Reference | Dimensions [mm] | Efficiency EN 1822 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|----------------------|-----------------|--------------------|------------------------------|--|-------------|
| M-13-36-48-45-PP-1 | 305×610×48 | H13 | 4.71 | 270/110 | 6 |
| M-13-46-48-45-PP-1 | 457×610×48 | H13 | 7.03 | 410/110 | 8 |
| M-13-66-48-45-PP-1 | 610×610×48 | H13 | 9.37 | 550/110 | 11 |
| M-13-36-68-65-PP-1 | 305×610×65 | H13 | 5.21 | 290/100 | 4 |
| M-13-46-68-65-PP-1 | 457×610×65 | H13 | 7.81 | 450/110 | 5 |
| M-13-66-68-65-PP-1 | 610×610×65 | H13 | 10.42 | 600/110 | 9 |
| M-13-36-292-170-PP-1 | 305×610×292 | H13 | 14 | 670/110 | 7 |
| M-13-46-292-170-PP-1 | 457×610×292 | H13 | 21 | 1000/110 | 9 |
| M-13-66-292-170-PP-1 | 610×610×292 | H13 | 28 | 1370/110 | 12 |
| M-14-36-48-45-PP-1 | 305×610×48 | H14 | 4.7 | 270/120 | 6 |
| M-14-46-48-45-PP-1 | 457×610×48 | H14 | 7.03 | 410/120 | 8 |
| M-14-66-48-45-PP-1 | 610×610×48 | H14 | 9.37 | 550/120 | 11 |
| M-14-36-68-65-PP-1 | 305×610×65 | H14 | 5.21 | 290/120 | 4 |
| M-14-46-68-65-PP-1 | 457×610×65 | H14 | 7.81 | 450/120 | 5 |
| M-14-66-68-65-PP-1 | 610×610×65 | H14 | 10.42 | 600/120 | 9 |
| M-14-36-292-170-PP-1 | 305×610×292 | H14 | 14 | 670/120 | 7 |
| M-14-46-292-170-PP-1 | 457×610×292 | H14 | 21 | 1000/120 | 9 |
| M-14-66-292-170-PP-1 | 610×610×292 | H14 | 28 | 1370/120 | 12 |

* Filters are available in any specific size on request

M93 Filter

M93 Filter

The type "M93" filter is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media in mini pleats and HOTMELT separators (which reduces the pressure drop compared to the flow). This filter is designed for filtration of ultrafine particles. It is used in the following fields: pharmaceutical, electronics, optics, research centers, clean rooms. This panel filter comes in a wide variety of sizes and thicknesses. It is used as a terminal filter for laminar flow hoods and clean room ceilings. The "M93" filters are tested according to the latest international standards, ISO 9001, US standard and EN 1822. Our "M93" filters are manufactured and packed in a clean room and are guaranteed to be silicone free.

Applications: Final filtration for clean rooms and laminar flow equipment

Type: HEPA / ULPA fluid seal filter panel

Frame: Anodized aluminum profile

Gasket: Expanded polyurethane

Media: Fiberglass paper

Separators: Hot-melt separators

Sealant: Polyurethane

Grid: Epoxy painted grid upstream and downstream

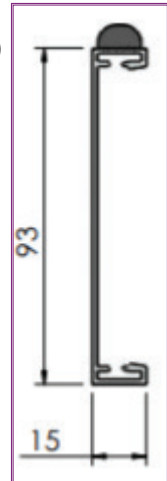
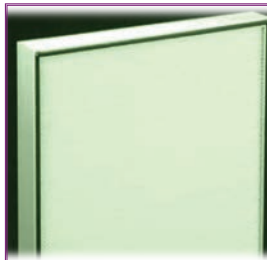
Efficiency EN 1822: H14 and U15

MPPS efficiency: 99.995% and 99.9995%

Temperature: 70 °C maximum

Control: 100%

Option: Laminar veil (silk mesh)



| Reference | Dimensions [mm] | Media area [m ²] | Flow [m ³ /h]/ΔP to 0,45m/s [m ³ /h/Pa] | | Weight [Kg] |
|------------------------|-----------------|------------------------------|---|----------|-------------|
| | | | H14 | U15 | |
| M-14-36-93-78-AP1 | 305×610×93 | 7.8 | 430/120 | 430/150 | 5 |
| M-14-37-93-78-AP1 | 305×762×93 | 9.75 | 570/120 | 570/150 | 6 |
| M-14-49-93-78-AP1 | 457×915×93 | 17.57 | 1020/120 | 1020/150 | 8 |
| M-14-412-93-78-AP1 | 457×1220×93 | 23.42 | 1800/120 | 1800/150 | 14 |
| M-14-66-93-78-AP1 | 610×610×93 | 15.63 | 900/120 | 900/150 | 10 |
| M-14-67-93-78-AP1 | 610×762×93 | 19.53 | 1120/120 | 1120/150 | 11 |
| M-14-69-93-78-AP1 | 610×915×93 | 23.45 | 1300/120 | 1300/150 | 13 |
| M-14-612-93-78-AP1 | 610×1220×93 | 31.26 | 1700/120 | 1700/150 | 16 |
| M-14-6001210-93-78-AP1 | 600×1210×93 | 30.49 | 1700/120 | 1700/150 | 16 |

* Filters are available in any specific size on request

M150/292 Filter

M150/M292 Filter

The “M150 / 292” type filter is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media (which reduces the pressure drop compared to the flow). This filter is designed for filtration of ultrafine particles. It is used in the following fields: pharmaceutical, electronics, optics, research centers, clean rooms.

This panel filter comes in a wide variety of sizes and thicknesses.

It is used as a terminal filter for laminar flow hoods and in clean room ceilings.

The “M150 / 292” is suitable for installation in an air handling unit, for the filtration of clean rooms.

“M150 / 292” filters are tested according to the most recent and international standards, ISO 9001, US standard and EN 1822. Our “M150 / 292” filters are manufactured and packed in clean rooms and are guaranteed to be silicone free.

Applications: HEPA filter for high air flows

Type: Pleated filter

Frame: Aluminum

Gasket: Expanded polyurethane

Media: Fiberglass paper

Separators: Hot-melt separators

Sealant: Polyurethane

Efficiency EN 1822: H13-H14

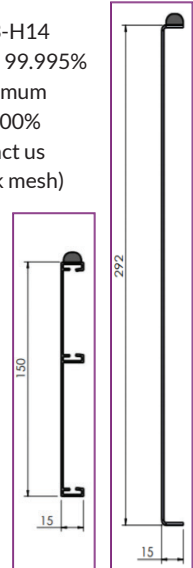
MPPS efficiency: 99.95 - 99.995%

Temperature: 70°C maximum

Max relative humidity: 100%

Mounting system: Contact us

Option: Laminar veil (silk mesh)



M150 Profile M292 Profile

| Reference | Dimensions [mm] | Efficiency EN 1822 | Media area [m ²] | Flow / ΔP nominal [m ³ /h/Pa] | Weight [Kg] |
|--------------------|-----------------|--------------------|------------------------------|--|-------------|
| M13-33-150-75-AP | 305×305×150 | H13 | 3.4 | 500/250 | 4 |
| M13-36-150-75-AP | 305×610×150 | H13 | 6.7 | 1000/250 | 6 |
| M13-46-150-75-AP | 457×610×150 | H13 | 10 | 1500/250 | 8 |
| M13-66-150-75-AP | 610×610×150 | H13 | 13.4 | 2000/250 | 11 |
| M13-33-292-170-AP | 305×305×292 | H13 | 7 | 700/250 | 5 |
| M13-36-292-170-AP | 305×610×292 | H13 | 14 | 1400/250 | 7 |
| M13-46-292-170-AP | 457×610×292 | H13 | 21 | 2100/250 | 9 |
| M13-66-292-170-AP | 610×610×292 | H13 | 28 | 2850/250 | 12 |
| M14-33-150-75-AP | 305×305×150 | H14 | 3.4 | 450/250 | 4 |
| M14-36-150-75-AP | 305×610×150 | H14 | 6.7 | 900/250 | 6 |
| M14-46-150-75-AP | 457×610×150 | H14 | 10 | 1400/250 | 8 |
| M14-66-150-75-AP | 610×610×150 | H14 | 13.4 | 1800/250 | 11 |
| M14-33-292-170-AP | 305×305×292 | H14 | 7 | 600/250 | 5 |
| M14-36-292-170-AP | 305×610×292 | H14 | 14 | 1300/250 | 7 |
| M14-46-292-170-AP | 457×610×292 | H14 | 21 | 1900/250 | 9 |
| M-14-66-292-170-AP | 610×610×292 | H14 | 28 | 2600/250 | 12 |

* Filters are available in any specific size on request

M PTFE Filter

M PTFE Filter

The “M PTFE” type filter is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media in mini pleats and HOTMELT separators (which reduces the pressure drop compared to the flow). This filter is designed for filtration of ultrafine particles. The TEMISH NTF9000 series is a high performance air filter that combines a porous PTFE membrane with excellent dust collection properties and a nonwoven fabric chosen for its high performance air filtration / using advanced technology. In the semiconductor industry, higher integration and larger LCD screens create demand for a cleaner environment, and the need for air filters with higher performance increases as a result.

This panel filter comes in a wide variety of sizes and thicknesses. It is used as a final filters for laminar flow hoods and in clean room ceilings. “M PTFE” filters are tested according to the most recent international standards, ISO 9001 and EN 1822. Our “M PTFE” filters are manufactured and packed in a clean room and are guaranteed to be silicone free.

Applications: Final filtration for clean rooms and laminar flow equipment

Type: ULPA filter panel

Frame: Anodized aluminum profile

Gasket: Expanded polyurethane

Media: PTFE paper

Separators: Hot-melt separators

Sealant: Polyurethane

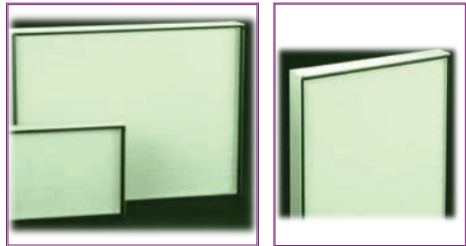
Grid: Epoxy painted grid upstream and downstream

Efficiency EN 1822: U16

MPPS efficiency: 99.9995%

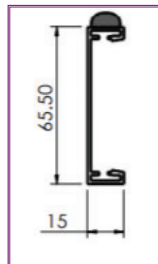
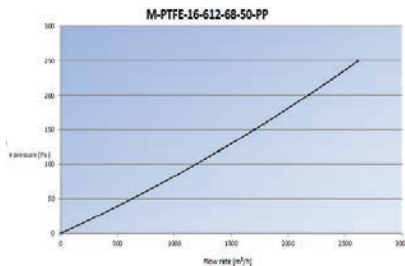
Temperature: 70 ° C maximum

Control: 100%



| Reference | Dimensions [mm] | Efficiency EN 1822 | Media area [m²] | Flow/ ΔP at 0,45m/s [m³/h/Pa] | Weight [Kg] |
|------------------------|-----------------|--------------------|-----------------|-------------------------------|-------------|
| M-PTFE-16-36-65-50-AP | 305×610×65 | U16 | 5.21 | 350/120 | 4 |
| M-PTFE-16-39-65-50-AP | 305×915×65 | U16 | 7.81 | 540/120 | 6 |
| M-PTFE-16-66-65-50-AP | 610×610×65 | U16 | 10.42 | 720/120 | 9 |
| M-PTFE-16-69-65-50-AP | 610×915×65 | U16 | 15.63 | 1050/120 | 12 |
| M-PTFE-16-612-65-50-AP | 610×1220×65 | U16 | 20.84 | 1400/120 | 15 |

* Filters are available in any specific size on request



Jet Filter

Jet Filter

The "JET" type filter is an H.E.P.A. or U.L.P.A. (efficiency H14 - U15) with pleated media in mini-pleats and HOTMELT separator (which reduces the pressure drop compared to the flow) it is designed for the filtration of ultrafine particles in clean rooms. The "JET" filters are tested according to the most recent and international standards, ISO 9001, US standard UL 900 and EN 1822. The "JET" filter fits perfectly into the ceilings of ISO1 to ISO9 class clean rooms. Our "JET" filters are manufactured and packaged in clean rooms and are guaranteed to be silicone free.

Option: Half-round joint, media depth 50 and 70 mm, stainless steel, aluminum structure. Side connection, Adjustment valve with aerosol outlet for 100% adjustment.

Stainless steel protection grid

Applications: Final filtration for clean rooms and laminar flow equipment

Frame: Structure of the ABS casing / galvanized steel / stainless steel

Special features: Sound absorbers in the center of the box, air diffuser for better laminarity

Connection direction: Horizontal / vertical

Setting point: 100% setting for leak detection control (with or without)

Valve: With or without

Media: Fiberglass paper

Characteristics

- ABS structure avoids condensation and requires no additional thermal insulation
- Increased filtration area thanks to its unique design
- High holding capacity
- Anodized aluminum frame
- Very long service life
- Simple installation
- Protection grid
- Individual control with number standard and certificate
- Leak detection (scanning)
- Rigid cardboard packaging



Gasket: Flat, half-round, without

Filter grid: White epoxy painted, stainless steel

Efficiency EN 1822: H14 and U15

MPPS efficiency: 99.995% and 99.9995%

Total weight: Less than 20kg

Maximum temperature: 80 °C

Relative humidity: 100%



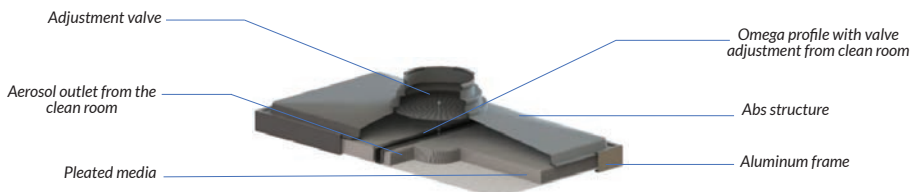
Housing with an H14 absolute filter and a Swirl diffusion grid with air connection on the side



Housing with H14 absolute filter and Swirl diffusion grid with top air connection

| Référence | Dimensions [mm] | Efficiency EN 1822 | Connection diameter | | Flow / ΔP nominal [m³/h/Pa] | Weight [Kg] |
|---------------|-----------------|--------------------|---------------------|-----|-----------------------------|-------------|
| | | | A | B | | |
| JET-14-36-FR | 305×610×155 | H14 | 160 | 160 | 600/140 | 5 |
| JET-14-37-FR | 305×762×155 | H14 | 160 | 160 | 750/140 | 6 |
| JET-14-66-US | 590×590×235 | H14 | 200 | 250 | 590/140 | 10 |
| JET-14-66-IL | 600×600×235 | H14 | 200 | 250 | 610/140 | 10 |
| JET-14-66-FR | 610×610×235 | H14 | 200 | 250 | 630/140 | 10 |
| JET-14-612-US | 590×1200×235 | H14 | 250 | 300 | 1200/140 | 16 |
| JET-14-612-IL | 600×1210×235 | H14 | 250 | 300 | 1220/140 | 16 |
| JET-14-612-FR | 610×1220×235 | H14 | 250 | 300 | 1240/140 | 16 |

* Filters are available in any specific size on request



Fan Filter Unit

(FFU) FANJET

FANJET

The air is drawn in through a G3 prefilter by a powerful and silent motor fan. The overpressure air is filtered by a HEPA filter (ULPA option). The MONOBLOC system guarantees the integrity of the box.

The new FANJET type FFU boxes with ECM system (direct current) allow centralized management by PC. A network driver links the boxes together to the PC station. Possibility of remote management by Internet.

ECM fan technologies

The automatic flow regulation compensates for clogging of the absolute filter and thus ensures a constant air flow. The ECM fan is supplied with direct current and has many advantages

- Low consumption: reduced from 30% to 40% compared to conventional fans
- Very high yield
- Low heat loss
- Regulation without probe (speed or pressure) independent of surrounding conditions
- Very high precision
- Low noise level

Applications: Final filtration for clean rooms and laminar flow equipment

Fan type: AC-normal, DC-ecm

Housing: Aluminum housing and filter frames

Nominal use: 80W, 800rpm

Rated power: 240W

Maximum rotation speed: 1200 rpm/min

Special features: Sound absorbers in the center of the box, air diffuser for better laminarity

Media: Fiberglass paper

Filter grid: P-epoxy, X-stainless

Efficiency EN 1822: H14 and U15

MPPS efficiency: 99.995% and 99.9995%

DOP / EMERY TEST efficiency: 99.999% and 99.9999%

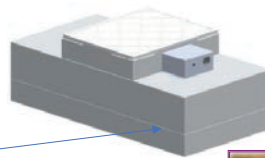
Total weight: Less than 35kg

Maximum temperature: 80 ° C

Relative humidity: 100%

Benefits: Modbus and Bacnet compatible, ETL/UL listed

Option: Fanjet SP with interchangeable filter from the clean room



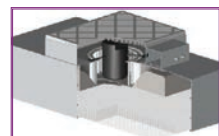
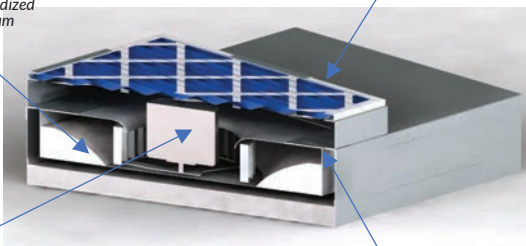
FILTRATION

HEPA filter

- Filter: Miniplis type
- Efficiency: 99.995%
- MPPS H14
- Protection grid: epoxy painted steel
- Frame: anodized aluminum

PREFILTRATION

- Frame: cardboard
- Efficiency: 85% ASHRAE (G3)
- Media: synthetic



VENTILATION

Fan

- Normal use: 120 W, 1000 rpm / 220-230V
- Power: 240W / 220-230V (max)
- Turbine rotation: 1200 rpm (max)
- Noise level: 54 dBA (48 dBA on false ceiling)
- Voltage: 110 V / 230 V

SOUND ABSORBERS

- Available references:
- Fanjet 6/6
- Fanjet 6/9
- Fanjet 6/12
- Fanjet 12/12

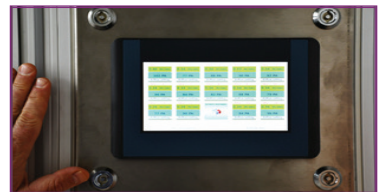
Fan Filter Unit

Fan Filter Units (FFU) FANJET

| Modèle | | FAN JET 6/6 | FAN JET 6/9 | FAN JET 6/12 | FAN JET 12/12 |
|--|----------|---|----------------------------|-----------------------------|------------------------------|
| Fan | DC | entec type DC motor with ECM technology ref. DF 280ECM DF 280 ECM motor type | | | DF 315ECM |
| | AC | DF 280 AC | | | DF 315 AC |
| Prefilter | Type | W-04-16-20-1 | W-04-20241-C | W-04-20241-C | W-04-20242-C |
| Feed filter EN 1822: H14 99,995% MPPS | | M-14-600-600-250- 78-AP | M-14-600-905-250- 78-AP | M-14-600-1210-250- 78-AP | M-14-1160-1160-250- 78-AP |
| Maximum temperature [°C] | | 55°C | 55°C | 55°C | 55°C |
| Maximum hygrometry | | 80% | 80% | 80% | 80% |
| Sound level (0,45m/s) | | 47 dBA in false ceiling | 47 dBA in false ceiling | 47 dBA in false ceiling | 47 dBA in false ceiling |
| | | up to 54 dBA maximum | up to 54 dBA maximum | up to 54 dBA maximum | up to 54 dBA maximum |
| Dimensions and weight | | | | | |
| Weight [lbs] | | 70 | 77 | 84 | 119 |
| Lenght | actual | 23.6 | 23.6 | 23.6 | 45.7 |
| | nominal | 23.8 | 23.8 | 23.8 | 47.6 |
| Width | actual | 23.6 | 35.4 | 47.6 | 45.7 |
| | nominal | 23.8 | 35.6 | 47.8 | 47.6 |
| Height | actual | 13.8 | 13.8 | 13.8 | 15 |
| Debit and pressure | | | | | |
| Debit | nominal | 353 | 412 | 471 | 1059 |
| | maximum | 588 | 647 | 706 | 1471 |
| Pressure drop | initial | 0.31 | 0.35 | 0.39 | 0.47 |
| | clogging | 0.79 | 0.87 | 0.98 | 1.18 |
| | maximum | 0.98 | 1.1 | 1.18 | 1.38 |
| Electrical data | | | | | |
| Nominal I | | 1A | 1A | 1A | 1,7A |
| Max I | | 2,5A | 2,5A | 2,5A | 4A |
| Start up I | | 4A | 4A | 4A | 10A |
| Protection | | 4A D curve | 4A D curve | 4A D curve | 4A D curve |
| Nominal power | | 150W | 150W | 150W | 300W |
| Maximum power | | 400W | 400W | 400W | 600W |



There are also several advantages in the IMH control panel. Amongst them, a wide variety of communication protocols as well as a possibility of adjustment, notably box by box are available and possible.



Fan Filter Unit

Fan Filter Units (FFU) I-GEL

The I-GEL is an independent filtration box (FFU) with ECM motorization. The fan is a combination of a motor with ECM technology and a turbine mounted into a soundproof box. This system guarantees a constant air flow whatever the pressure drop (or the clogging of the filter) in the available pressure range. The box and its ECM engine cover are assembled using an easily removable system in the case of replacing the filter. This optimized assembly principle guarantees perfect sealing of the FFU. The FANJET is equipped with high-end technology, has a very affordable price as well as being light weight and not very high.

Applications: Terminal filtration for clean rooms and laminar flow equipment

Fan type: AC-normal, DC-ecm

Frame: A-aluminum, S-stainless steel

Nominal use: 80W, 800rpm

Rated power: 240W

Maximum rotation speed: 1200rpm

Hanger rings: N-without, H-with

Media: Fiberglass paper

Filter grid: P-epoxy, X-stainless

Efficiency EN 1822: H14 and U15

MPPS efficiency: 99.995% and 99.9995%

DOP / EMERY TEST efficiency: 99.999% and 99.9999%

Maximum temperature: 80 ° C

Relative humidity: 100%

Benefits

- Low consumption: reduced by 30 to 40% compared to conventional fans
- Low temperature rise
- Absence of sensors (speed or pressure) to regulate the flow
- Very high precision
- Low noise level
- MODBUS and Bacnet compatible

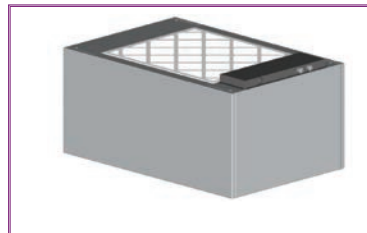
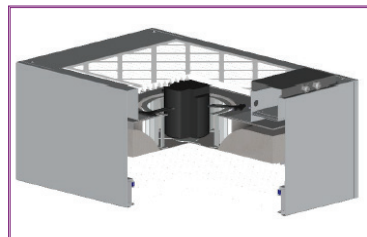
I-GEL: a box fitted with a pleated filters with BLUE GEL allowing the possibility of maintenance from underneath without leaving the clean room and without dismantling the box

ECM technologies (available in DC direct current version)

Automatic regulation of the air flow according to the fouling of the filter, controlled by piloting and control software type EOL 2.

Principle: The on-board microprocessor measures and analyzes several parameters in real time: current, torque, engine speed. Using these parameters, the software corrects the data in order to reposition the fan on its operating curve. The caissons can be fitted with a TAC VIEWER type control screen allowing the real-time reading of the flow speed, pressure and flow rate of the box.

This box is perfectly suited to T-BAR structures. The supreme advantage of the I-GEL is the possibility of maintenance from underneath without leaving the clean room



CA Filter

Charcoal-Carbone Filter

Gas adsorption of chemical contamination

The CA filter is used for the filtration of chemical contamination specific to the medical, pharmaceutical and electronic fields in order to guarantee concentrations of an acceptable level downstream of the filters.

The CA filter can also be used for applications in conventional air handling systems to reduce pollution levels (odors, volatile organic components, etc.).

The AC filter allows a significant reduction in energy consumption (less fresh air to be treated). Note that the AC filter has a high resistance to chemicals, the possibility of recharging as well as it's producing a low pressure drop.

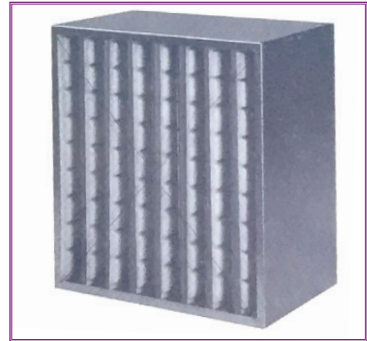
Application

- Treatment of solvents or other harmful vapors before extraction
- Deodorization
- Fresh air filtration before injection into the air conditioning circuit

Benefits

- Ease of installation
- Economical to resolve odor issues
- Filter panels with particle prefilter
- Ideal for air recovery in clean rooms and mini environments

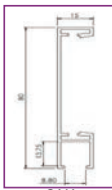
Option: Galvanized steel frame from 30 to 110 in 10mm intervals



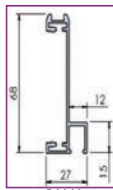
CA-125

Construction

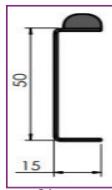
- Galvanized steel frame
- Activated carbon granules retained between 2 perforated grids and filter media
- Dihedral construction for high flow filters (above 200mm thick)



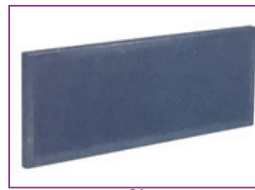
CAK



CALK



CA



CA

| Reference | Construction | Dimensions [mm] | Coal thickness [mm] | Flow / ΔP nominal [m³/h/Pa] | Mass of coal [kg] | Weight [Kg] |
|-----------|--------------|-----------------|---------------------|-----------------------------|-------------------|-------------|
| CA-33 | Sign | 305×305×70 | 65 | 70/90 | 2.5 | 4 |
| CA-36 | Sign | 305×610×70 | 65 | 140/90 | 5 | 8.2 |
| CA-37 | Sign | 305×762×70 | 65 | 170/90 | 7 | 12 |
| CA-39 | Sign | 305×915×70 | 65 | 210/90 | 9 | 14.5 |
| CA-66 | Sign | 610×610×70 | 65 | 280/90 | 10 | 12.9 |
| CA-25-125 | Dihedral | 290×590×200 | 25 | 850/120 | 5 | 10 |
| CA-55-125 | Dihedral | 590×590×200 | 25 | 1700/120 | 10 | 20 |
| CA-36-125 | Dihedral | 300×600×200 | 25 | 850/120 | 5 | 10 |
| CA-66-125 | Dihedral | 600×600×200 | 25 | 1700/120 | 10 | 20 |
| CALK-36 | Sign | 355×663×70 | 65 | 140/90 | 5 | 8.5 |
| CALK-39 | Sign | 355×920×70 | 65 | 210/90 | 8 | 9.5 |
| CALK-612 | Sign | 562×1172×80 | 65 | 560/90 | 20 | 25 |

* Filters are available in any specific size on request

Frame Filter

Absolut Frame

Cadre « ABSOLUT » pour Filter absolu CH 6/6

The universal frame is a mounting accessory that fits most standard very high efficiency filters. The frame consists of a perfectly flat and uneven joint surface on which the filter will be installed. The latter is fixed by 4 fixing mounting bracket.

The "ABSOLUT" type CH frame is suitable for a wide range of filters: DH - high capacity and high flow filters.

Applications: Type CH is suitable for a wide range of filters

Frame: Galvanized steel

Option: 304L / 316 stainless steel frame

Benefits

- Suitable for all installations
- Quick and easy installation
- Frame assembly system for construction of filtration walls



| Reference | Frame | Frame dimensions [mm] | Filter dimensions [mm] | Weight [Kg] |
|-----------|------------|-----------------------|------------------------|-------------|
| CH-36 | Galvanized | 321×626×335 | 305×610×292 | 10 |
| CH-66 | Galvanized | 626×626×335 | 610×610×292 | 12.5 |
| CH-25 | Galvanized | 305×610×335 | 292×592×292 | 9.8 |
| CH-55 | Galvanized | 610×610×335 | 592×592×292 | 12.3 |

Univers Frame

The universal frame is a mounting accessory that fits most standard filters of very high and medium efficiency. The frame consists of a joint plane (which can itself be covered with a polyurethane gasket) on which the filter will be installed. The latter is fixed by 4 springs. The "UNIVERSE" type C frame is suitable for a wide range of filters:

W, AMER / DURA,
FPR, FP, AML / AM.



Benefits

- Suitable for all installations (UNIVERSAL)
- Quick and easy installation
- Standard depths 70 and 115mm
- Frame assembly system for construction of filtration walls

| Reference | Frame | Framedimensions [mm] | Filterdimensions [mm] | Weight [Kg] |
|-----------|-----------|----------------------|-----------------------|-------------|
| C-36-A | Galvanisé | 305×610×70 | 290×590×50 | 1.9 |
| C-46-A | Galvanisé | 507×610×70 | 490×590×50 | 2.3 |
| C-66-A | Galvanisé | 610×610×70 | 590×590×50 | 2.6 |
| C-36-B | Galvanisé | 305×610×115 | 290×590×100 | 2.5 |
| C-46-B | Galvanisé | 507×610×115 | 490×590×100 | 2.9 |
| C-66-B | Galvanisé | 610×610×115 | 590×590×100 | 3.1 |

BIBO

BIBO housings can provide a filter change without contamination. They are available in single modules or in multimodule systems depending on the filtration stage required and the air volume.

The housings consist of a robust gas-welded

sheet metal construction and has a door, which is fixed by 4 star grip screws. Each box has a separate safety change facility for each filter, a PVC bag is attached to it by means of a rubber locking ring.



Option: Additional door for prefilter

| Reference | Unitary connection [mm] | Frame dimensions [mm] | Filter dimensions [mm] | Weight [Kg] |
|-----------|-------------------------|-----------------------|------------------------|-------------|
| BIBO-663 | 625×625 | 725×525×725 | 610×610×292 | 50 |
| BIBO-66 | 625×625 | 725×330×725 | 610×610×98 | 40 |

* Filters are available in any specific size on request

CH6/6

C6/6

FlowAir

■ ■ ■ F I L T E R S

www.flowairfilters.com | info@flowairfilters.com

