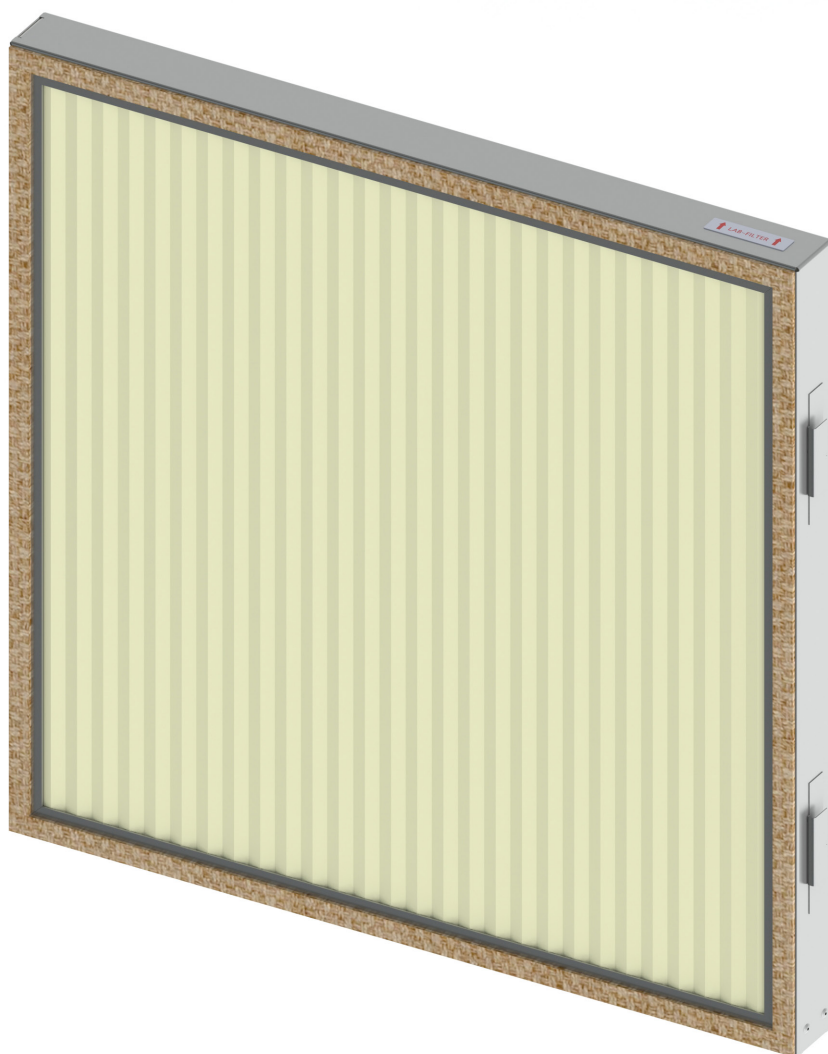


## Filters

Offering a unique, cost saving and flexible solution to a range of droplet elimination applications.



CP2 Panel Filter

The Veotec CP2 is a high-performance coalescer panel, designed primarily for salt removal. The filter was originally designed to protect marine gas turbines from salt contamination. The CP2 filter is also used on ships of all kinds including hovercraft and naval warships.

Application

The CP2 filter is usually used as part of an SE2 or SE3 two- or three-stage system depending on the exact requirements of the customer. The CP2 combines high efficiencies with low pressure loss even at the high velocities required in marine gas turbine intake systems. The CP2 is designed to reduce salt ingress to below engine manufacturers’ recommended levels, typically 0.01 PPM.

Features & Benefits

- Proven design used in many installations throughout the world
- High efficiency against salt aerosol reduces turbine blade erosion
- Robust construction and fully cleanable design leads to long service life

Construction

The pleated panel comprises a high performance polyester/ polypropylene mat sandwiched between two layers of plastic-coated wire mesh and encased in a stainless steel frame. The design of the frame is such that there are no loose elements which could break free and cause damage.

To ensure the integrity of the system, all new CP2 panels are factory-fitted with seals.

Maintenance

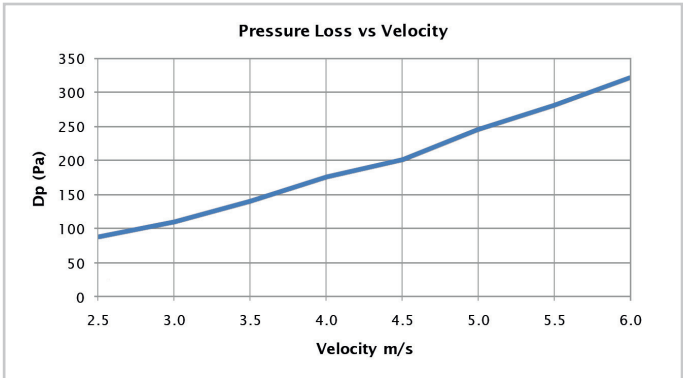
The life of a CP2 filter can be extended by using VCS01 cleaning solution and low pressure water. Please note that filter cleaning should only be done using manufacturer instructions. The performance of the filter cannot be guaranteed after cleaning.

Dimensions

To suit application; available in 22mm or 50mm depths.

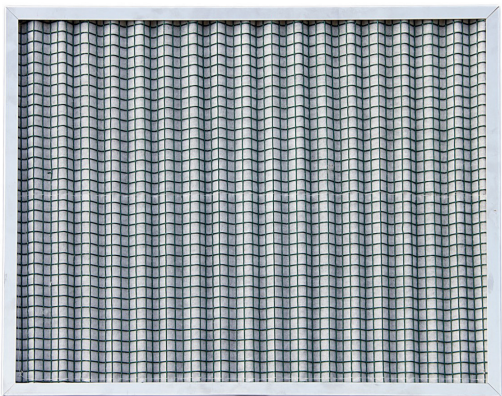
Technical Data

Low Pressure Loss



Performance Data

Class G4/EU4/ASHRAE 52.2	
Initial Arrestance	87%
Average Arrestance	93%



## CP5 Panel Filter

The Veotec CP5 is a high-performance filter / coalescer panel, designed primarily for salt removal.

The CP5 filter is usually used as part of the Veotec two- or three-stage systems depending on the exact requirements of the customer. The design of the media gives good depth filtering properties, which prevent the filter blinding up in high dust load situations. This is coupled with high strength, resulting in a very robust, long life product.

The absence of any cellulose matter prevents the filter from degrading in high humidity situations.

## Features & Benefits

- Combines high efficiencies with low pressure loss even at the high velocities required in marine gas turbine intake systems
- High efficiency against salt aerosol reduces turbine blade erosion
- High resistance to humidity
- Microbially inert
- High energy efficiency due to low initial pressure loss
- Robust construction
- Media is Fire Rated F1 to DIN53438-3
- Available in either incinerable plastic frame or a stainless steel frame
- Factory fitted seals to suit installation

## Construction

The pleated panel is produced from high performance polypropylene fibres, arranged in a progressive structure to give excellent depth filtration. The media is built from endless fibres to prevent fibre shedding and the whole structure is stabilised using hot melt adhesive.

### Custom options

Any size to a maximum of 600 x 600 mm and a minimum of 150 x 150 mm

### Depths available

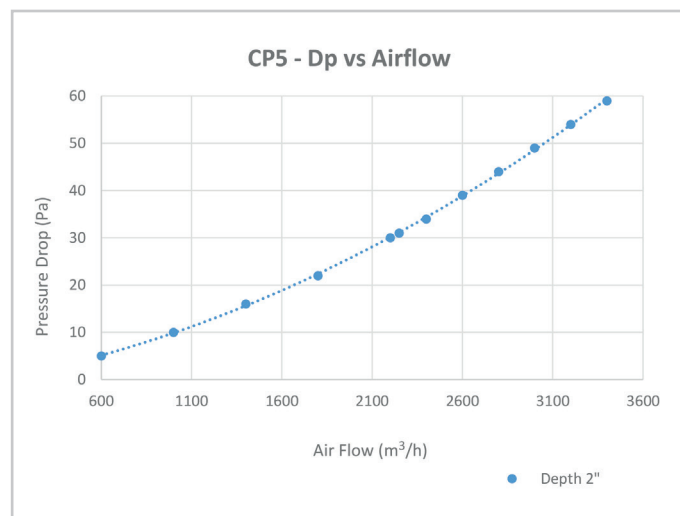
48mm (2 inch) deep

## Maintenance

The CP5 is a disposable product.

## Technical Data

### Low Pressure Loss



Data is based on a 592 x 592 full size product.



## CP7 Panel Filter

The CP7 is a high-performance coalescing filter panel, designed primarily for HVAC systems—but can be used within other air intake systems— in medium dust load environments. The CP7 combines excellent efficiency with low initial pressure drop.

The design of the media gives good depth filtering properties, which prevent the filter blinding up in high duct load situations. This is coupled with high strength, resulting in a very robust, long life product.

The absence of any cellulose matter prevents the filter from degrading in high humidity situations.

## Features & Benefits

- High efficiency against submicron dust particles
- High resistance to humidity
- Microbially inert
- High energy efficiency due to low initial pressure loss
- Robust construction
- Media is Fire Rated F1 to DIN53438-3
- Available in either incinerable plastic frame or a stainless steel frame
- Factory fitted seals to suit installation

## Construction

The pleated panel is produced from high performance polypropylene fibres, arranged in a progressive structure to give excellent depth filtration. The media is built from endless fibres to prevent fibre shedding and the whole structure is stabilised using hot melt adhesive.

### Standard options

Full Size 592 x 592 mm  
Half size 298 x 592 mm

### Custom options

Any size to a maximum of 600 x 600 mm and a minimum of 150 x 150 mm

### Depths available

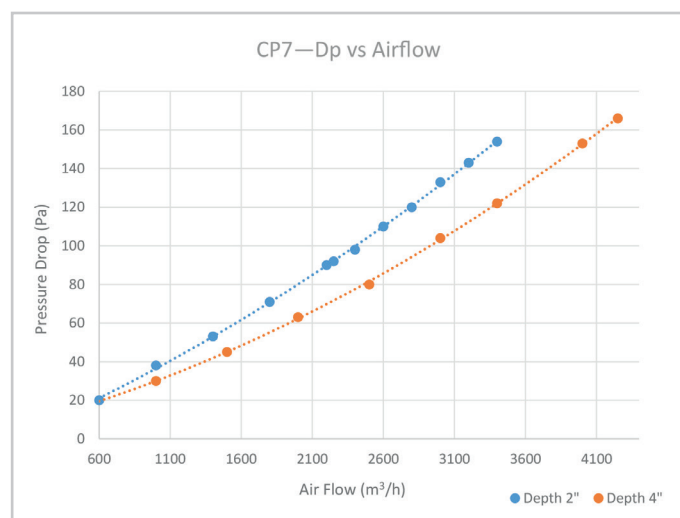
48mm (2 inch) deep  
95mm (4 inch) deep

## Maintenance

The CP7 is a disposable product.

## Technical Data

### Low Pressure Loss



Data is based on a 592 x 592 full size product.



## FP5 Panel Filter

The Veotec FP5 is a high-performance filter panel, designed primarily for HVAC systems—but can be used within other air intake systems—in medium to high dust load environments. The FP5 combines excellent efficiency with low initial pressure drop.

The design of the media gives good depth filtering properties, which prevent the filter blinding up in high dust load situations. This is coupled with high strength, resulting in a very robust, long life product.

The absence of any cellulose matter prevents the filter from degrading in high humidity situations.

## Features & Benefits

- High efficiency against submicron dust particles
- High resistance to humidity
- Microbially inert
- High energy efficiency due to low initial pressure loss
- Robust construction
- Media is Fire Rated F1 to DIN53438-3
- Available in either incinerable plastic frame or a stainless steel frame
- Factory fitted seals to suit installation

## Construction

The pleated panel is produced from high performance polypropylene fibres, arranged in a progressive structure to give excellent depth filtration. The media is built from endless fibres to prevent fibre shedding and the whole structure is stabilised using hot melt adhesive.

### Standard options

Full Size 592 x 592 mm  
Half size 298 x 592 mm

### Custom options

Any size to a maximum of 600 x 600 mm and a minimum of 150 x 150 mm

### Depths available

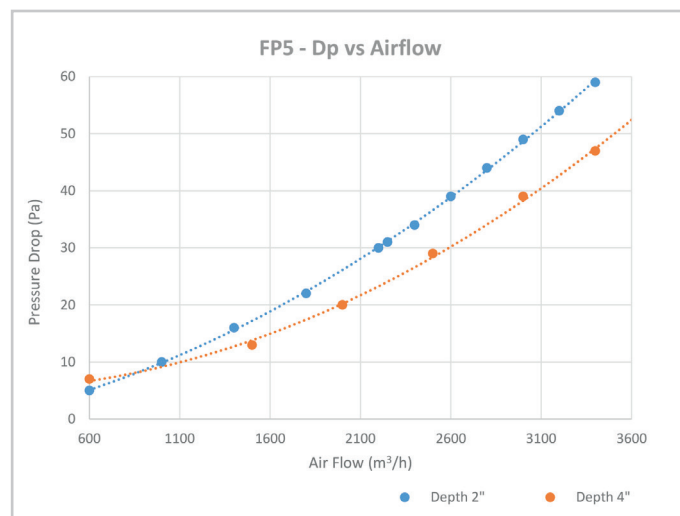
48mm (2 inch) deep  
95mm (4 inch) deep

## Maintenance

The FP5 is a disposable product.

## Technical Data

### Low Pressure Loss



Data is based on a 592 x 592 full size product.



## FP7 Panel Filter

The Veotec FP7 is a high-performance filter panel, designed primarily for HVAC systems, but can be used within other air intake systems, in medium dust load environments. The FP7 combines excellent efficiency with low initial pressure drop.

The design of the media gives good depth filtering properties, which prevent the filter blinding up in high duct load situations. This is coupled with high strength, resulting in a very robust, long life product.

The absence of any cellulose matter prevents the filter from degrading in high humidity situations.

## Features & Benefits

- High efficiency against submicron dust particles
- High resistance to humidity
- Microbially inert
- High energy efficiency due to low initial pressure loss
- Robust construction
- Media is Fire Rated F1 to DIN53438-3
- Available in either incinerable plastic frame or a stainless steel frame
- Factory fitted seals to suit installation

## Construction

The pleated panel is produced from high performance polypropylene fibres, arranged in a progressive structure to give excellent depth filtration. The media is built from endless fibres to prevent fibre shedding and the whole structure is stabilised using hot melt adhesive.

### Standard options

Full Size 592 x 592 mm  
Half size 298 x 592 mm

### Custom options

Any size to a maximum of 600 x 600 mm and a minimum of 150 x 150 mm

### Depths available

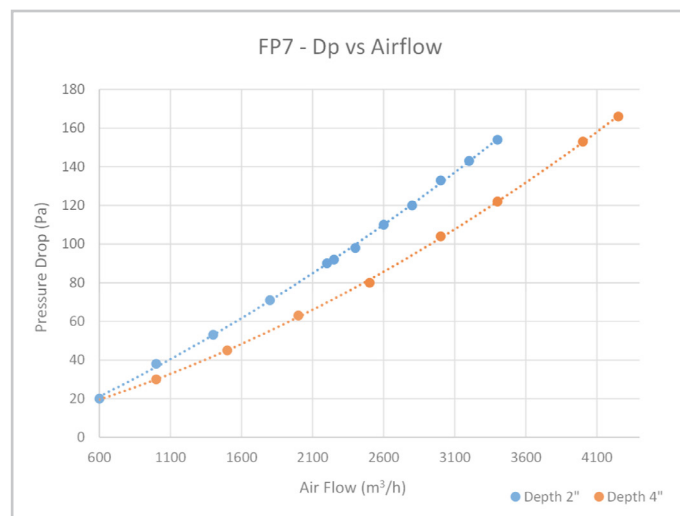
48mm (2 inch) deep  
95mm (4 inch) deep

## Maintenance

The FP7 is a disposable product.

## Technical Data

### Low Pressure Loss



Data is based on a 592 x 592 full size product.





## F7 Compact Rigid Bag Filter

The F7 Compact Rigid Bag Filter with its optimized 3V-design allows for significantly improved air flow. Based on mini pleats manufactured out of 100% synthetic material, there is an excellent ratio between the pressure drop and the filtration efficiency.

The progressive media design has been designed with integrated fine fibres for high dust holding capacity and has excellent energy efficiency during the filter's lifetime.

The absence of any cellulose material prevents the filter from degrading in high humidity situations. Using a fully potted gluing method gives the filter great strength and stability during operation.

### Features & Benefits

- High efficiency against submicron dust particles
- High resistance to humidity
- Microbially inert
- High energy efficiency due to low initial pressure loss
- Robust construction
- Media is Fire Rated F1 to DIN53438-3
- Available in either incinerable plastic or stainless steel header frame
- Factory fitted seals to suit installation

### Construction

The rigid bag filter is made up of six panels formed into 3 pockets. Each panel is produced from polypropylene fibres arranged in a progressive structure to give excellent depth filtration. The media is built from endless fibres to prevent fibre shedding while the structure is stabilised using hot melt adhesive.

#### Standard options

Full Size 592 x 592 x 292 mm

Half size 592 x 287 x 292 mm

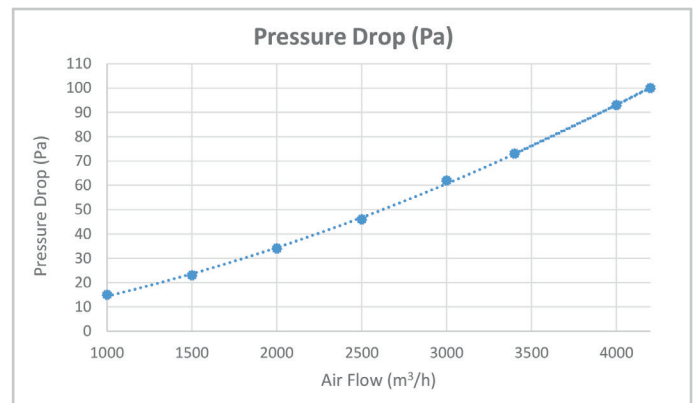
Three Quarter Size 592 x 490 x 292 mm

### Maintenance

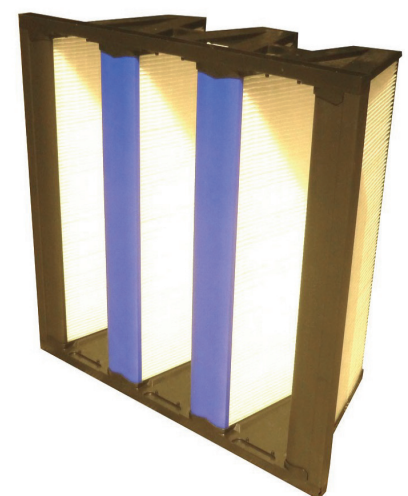
The F7 is a disposable product.

## Technical Data

### Low Pressure Loss



Data is based on a 592 x 592 x 292 mm full size product.



## F9 Compact Rigid Bag Filter

The F9 Compact Rigid Bag Filter with its optimized 3V-design allows for significantly improved air flow. Based on mini pleats manufactured out of 100% synthetic material, there is an excellent ratio between the pressure drop and the filtration efficiency.

The progressive media design has been designed with integrated fine fibres for high dust holding capacity and has excellent energy efficiency during the filter's lifetime.

The absence of any cellulose material prevents the filter from degrading in high humidity situations. Using a fully potted gluing method gives the filter great strength and stability during operation.

### Features & Benefits

- High efficiency against submicron dust particles
- High resistance to humidity
- Microbially inert
- High energy efficiency due to low initial pressure loss
- Robust construction
- Media is Fire Rated F1 to DIN53438-3
- Available in either incinerable plastic or stainless steel header frame
- Factory fitted seals to suit installation

### Construction

The rigid bag filter is made up of six panels formed into 3 pockets. Each panel is produced from polypropylene fibres arranged in a progressive structure to give excellent depth filtration. The media is built from endless fibres to prevent fibre shedding while the structure is stabilised using hot melt adhesive.

#### Standard options

Full Size 592 x 592 x 292 mm

Half size 592 x 287 x 292 mm

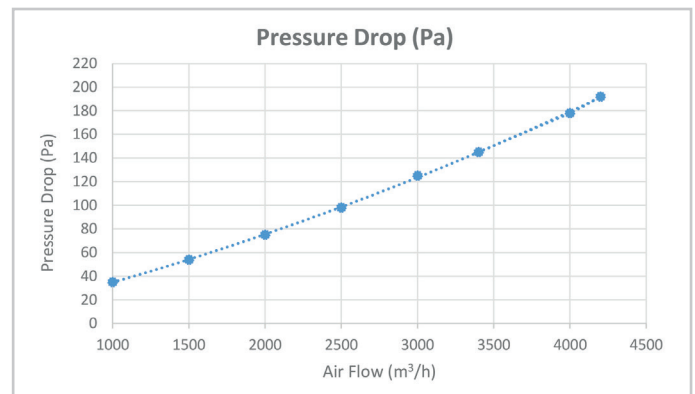
Three Quarter Size 592 x 490 x 292 mm

### Maintenance

The F9 Rigid Bag is a disposable product.

## Technical Data

### Low Pressure Loss



Data is based on a 592 x 592 x 292 mm full size product.





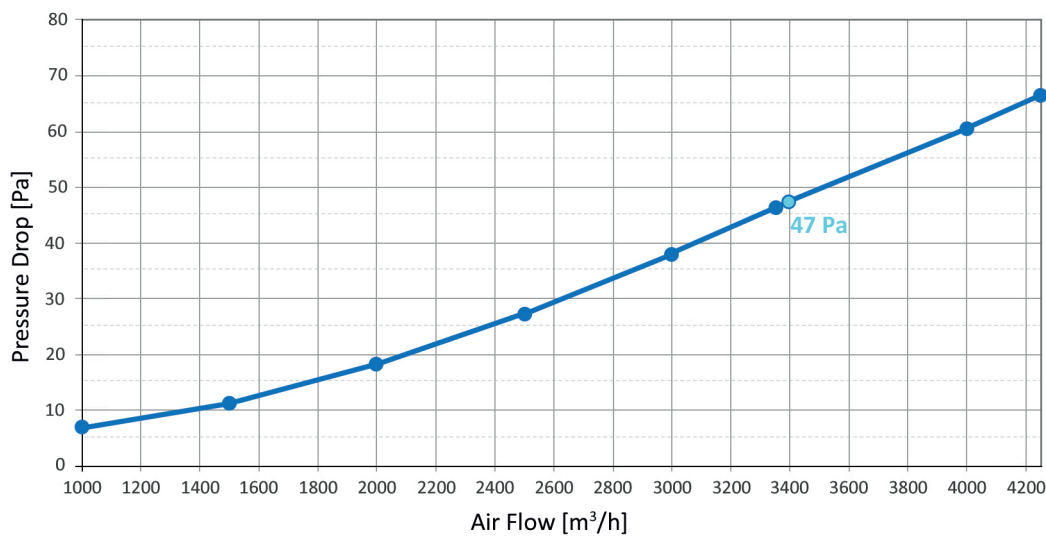
## Hybrid 300

### ePM10 65% according to DIN EN ISO 16890

Excellent filtration with a unique 3-layer design of the filter media, providing outstanding technical features and performance:

- 100 % synthetic
- Low pressure drop due to laminar air flow
- Exceptional dust holding capacity
- Great handling because of low weight
- Humidity resistant construction
- Excellent stability and strength
- No microbial growth (without any additives)

ePM10 65%



Panelfilter 592 x 592 x 296 mm @ 3400m³/h



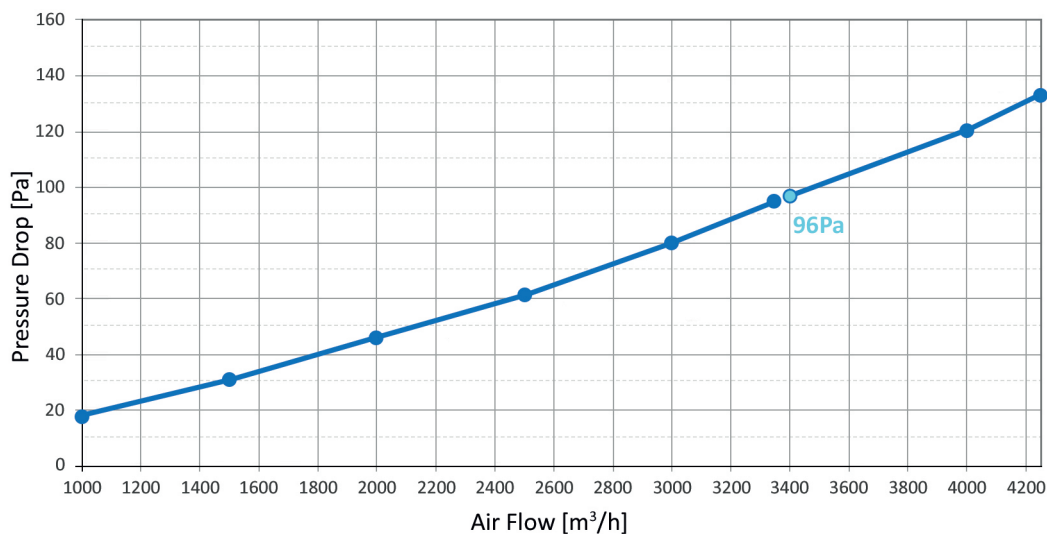
## Hybrid 300

### ePM2.5 70% according to DIN EN ISO 16890

Excellent filtration with a unique 3-layer design of the filter media, providing outstanding technical features and performance:

- 100 % synthetic
- Low pressure drop due to laminar air flow
- Exceptional dust holding capacity
- Great handling because of low weight
- Humidity resistant construction
- Excellent stability and strength
- No microbial growth (without any additives)

ePM2.5 75%



Panelfilter 592 x 592 x 296 mm @ 3400m³/h



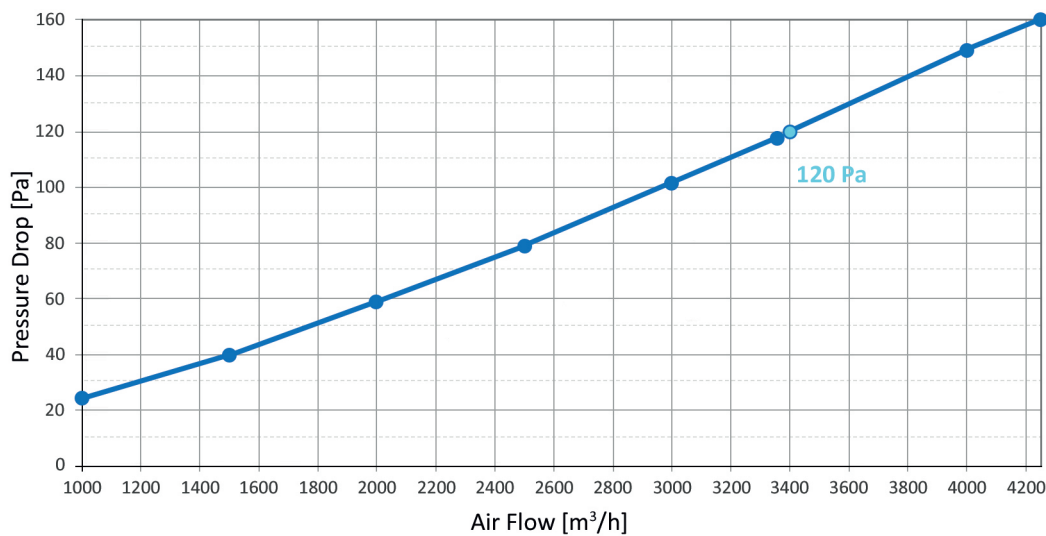
## Hybrid 300

### zePM1 70% according to DIN EN ISO 16890

Excellent filtration with BLU panelfilters with an unique 3-layer design of the filter media. With a proprietary and patented pleat technology we are able to provide filters with outstanding technical features:

- 100 % synthetic
- Low pressure drop due to laminar air flow
- Exceptional dust holding capacity
- Great handling because of low weight
- Humidity resistant construction
- Excellent stability and strength
- No microbial growth (without any additives)

ePM1 70%



Panelfilter 592 x 592 x 296 mm @ 3400m³/h



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