

# Panel filters

Panel filters are pleated filters which are characterized by their superior filtration properties. The synthetic filter medium is progressively constructed, which makes for a high particle interception level. This technology guarantees lower air resistance, which also entails reduced energy consumption.

## Advantages of panel filters

- Large filter surface
- High particle interception capacity
- Lengthy service life
- Low energy consumption
- Dimensions compliant with EN15805
- Moisture-resistant cardboard frame
- Completely safe for incineration

## Construction

Panel filters are pleated filters which are assembled within a moisture-resistant cardboard frame, plastic frame or metal frame.

## Application

Panel filters are used as a pre-filter for air treatment cabinets, air conditioning systems and industrial systems.

## Installation

- Ensure that the filter is fitted correctly: Suction side- clean air side
- Filter should be correctly installed: no leaks
- Gaskets should be completely undamaged
- Filter should be secured at four points
- Ensure that the filter medium is not folded double
- Take care to avoid damaging the filter during installation
- System should be run in for several hours to achieve the desired result
- Filter installation records; note the date, type and initial resistance.



# Panel filters

## Fancoil (DF)

ISO  
Coarse



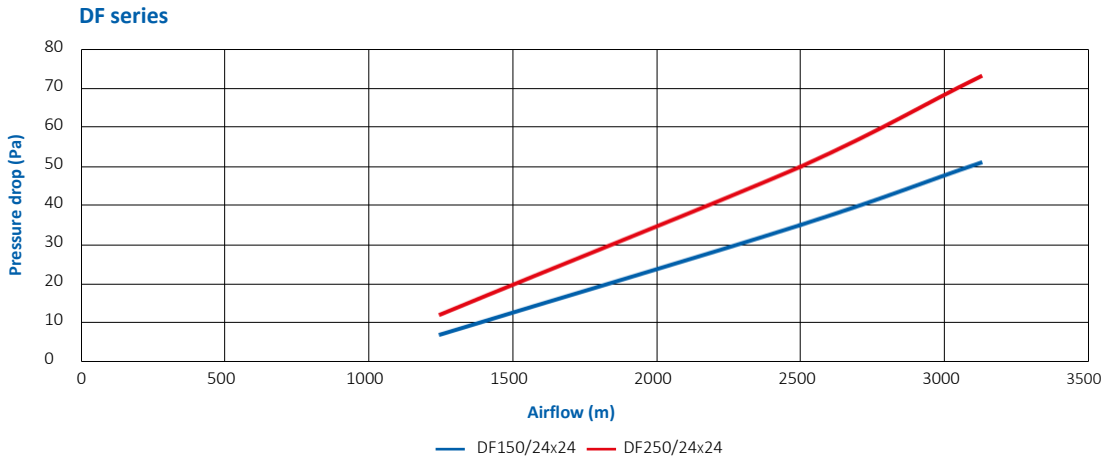
### Specifications

**Application:** Filter used with fan coil units  
**Frame:** Galvanized steel  
**Spacers:** -  
**Bonding:** -  
**Medium:** Synthetic  
**Gasket:** -  
**Filter class according to ISO 16890:** ISO Coarse  
**Maximum final pressure drop:** 250Pa  
**Maximum temperature:** 70°C  
**Maximum relative humidity:** 90%

### Advantages

- Straightforward assembly
- Possible usage in almost every Heat Recovery Unit. Please inquire about the possibilities

| Type  | Dimensions<br>WxHxD (mm) | Filter class<br>ISO 16890 | Filter surface<br>(m <sup>2</sup> ) | Airflow<br>(m <sup>3</sup> /h) | Pressure drop<br>(Pa) | Energy label* |
|-------|--------------------------|---------------------------|-------------------------------------|--------------------------------|-----------------------|---------------|
| DF150 | 150x435x4                | ISO Coarse 30%            | 0.07                                | 500                            | 35                    | -             |
| DF150 | 237x415x4                | ISO Coarse 30%            | 0.10                                | 720                            | 35                    | -             |
| DF150 | 237x495x4                | ISO Coarse 30%            | 0.12                                | 860                            | 35                    | -             |
| DF150 | 250x595x4                | ISO Coarse 30%            | 0.15                                | 1080                           | 35                    | -             |
| DF150 | 330x710x4                | ISO Coarse 30%            | 0.23                                | 1650                           | 35                    | -             |
| DF150 | 340x490x4                | ISO Coarse 30%            | 0.17                                | 1220                           | 35                    | -             |
| DF150 | 365x445x4                | ISO Coarse 30%            | 0.16                                | 1150                           | 35                    | -             |
| DF150 | 430x710x4                | ISO Coarse 30%            | 0.31                                | 2220                           | 35                    | -             |
| DF150 | 440x490x4                | ISO Coarse 30%            | 0.22                                | 1580                           | 35                    | -             |
| DF150 | 465x465x4                | ISO Coarse 30%            | 0.22                                | 1580                           | 35                    | -             |
| DF150 | 465x565x4                | ISO Coarse 30%            | 0.26                                | 1870                           | 35                    | -             |
| DF150 | 490x640x4                | ISO Coarse 30%            | 0.31                                | 2230                           | 35                    | -             |
| DF150 | 530x710x4                | ISO Coarse 30%            | 0.38                                | 2730                           | 35                    | -             |
| DF150 | 540x600x4                | ISO Coarse 30%            | 0.32                                | 2300                           | 35                    | -             |
| DF150 | 540x700x4                | ISO Coarse 30%            | 0.38                                | 2730                           | 35                    | -             |
| DF250 | 237x415x4                | ISO Coarse 50%            | 0.10                                | 720                            | 50                    | -             |
| DF250 | 237x495x4                | ISO Coarse 50%            | 0.12                                | 860                            | 50                    | -             |
| DF250 | 250x595x4                | ISO Coarse 50%            | 0.15                                | 1080                           | 50                    | -             |
| DF250 | 330x710x4                | ISO Coarse 50%            | 0.23                                | 1650                           | 50                    | -             |
| DF250 | 340x490x4                | ISO Coarse 50%            | 0.17                                | 1220                           | 50                    | -             |
| DF250 | 365x445x4                | ISO Coarse 50%            | 0.16                                | 1150                           | 50                    | -             |
| DF250 | 430x710x4                | ISO Coarse 50%            | 0.31                                | 2230                           | 50                    | -             |
| DF250 | 440x490x4                | ISO Coarse 50%            | 0.22                                | 1580                           | 50                    | -             |
| DF250 | 465x465x4                | ISO Coarse 50%            | 0.22                                | 1580                           | 50                    | -             |
| DF250 | 465x565x4                | ISO Coarse 50%            | 0.26                                | 1870                           | 50                    | -             |
| DF250 | 490x640x4                | ISO Coarse 50%            | 0.31                                | 2230                           | 50                    | -             |
| DF250 | 530x710x4                | ISO Coarse 50%            | 0.38                                | 2730                           | 50                    | -             |
| DF250 | 540x600x4                | ISO Coarse 50%            | 0.32                                | 2300                           | 50                    | -             |
| DF250 | 540x700x4                | ISO Coarse 50%            | 0.38                                | 2730                           | 50                    | -             |



# Panel filters

NA Panel

Coarse ISO



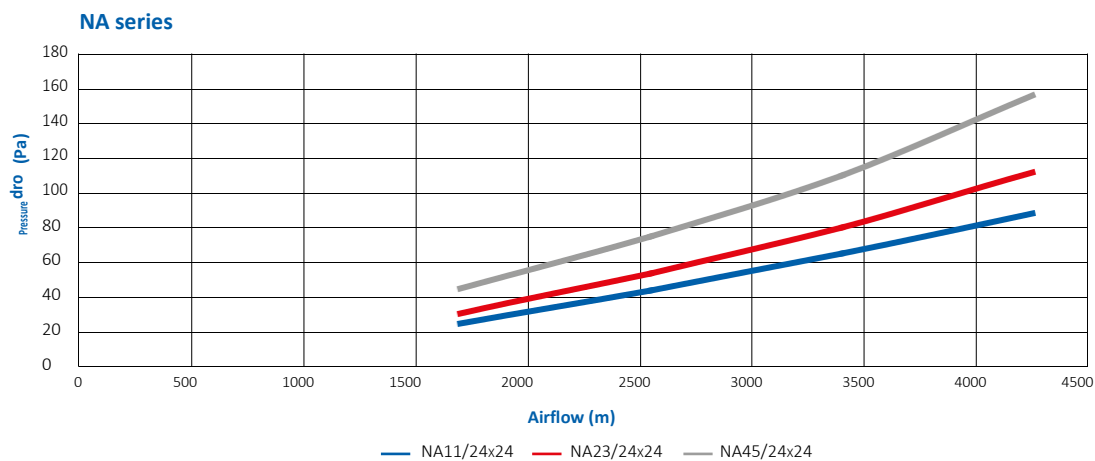
## Specifications

Application: Prefilter HVAC, industry  
Frame: Galvanized steel  
Spacers: -  
Bonding: -  
Medium: Synthetic  
Gasket: Optional neoprene  
Filter class according to ISO 16890: ISO Coarse  
Maximum final pressure drop: 250Pa  
Maximum temperature: 70°C  
Maximum relative humidity: 90%

## Advantages

- Straightforward assembly

| Type       | Dimensions<br>WxHxD (mm) | Filter class<br>ISO 16890 | Filter surface<br>(m²) | Airflow<br>(m³/h) | Pressure drop<br>(Pa) | # Filters/<br>box | Dimensions<br>box (mm) | Energy label* |
|------------|--------------------------|---------------------------|------------------------|-------------------|-----------------------|-------------------|------------------------|---------------|
| NA11/12x24 | 287x592x11               | ISO Coarse 30%            | 0.17                   | 1700              | 65                    | 40                | 600x600x500            | -             |
| NA11/16x20 | 394x490x11               | ISO Coarse 30%            | 0.19                   | 1880              | 65                    | 28                | 640x510x530            | -             |
| NA11/16x25 | 394x620x11               | ISO Coarse 30%            | 0.24                   | 2350              | 65                    | 24                | 640x510x530            | -             |
| NA11/20x20 | 490x490x11               | ISO Coarse 30%            | 0.24                   | 2350              | 65                    | 24                | 640x510x530            | -             |
| NA11/20x25 | 490x620x11               | ISO Coarse 30%            | 0.30                   | 2900              | 65                    | 20                | 640x510x530            | -             |
| NA11/24x24 | 592x592x11               | ISO Coarse 30%            | 0.35                   | 3400              | 65                    | 20                | 640x510x530            | -             |
| NA23/12x24 | 287x592x23               | ISO Coarse 50%            | 0.17                   | 1700              | 80                    | 42                | 600x600x500            | -             |
| NA23/16x20 | 394x490x23               | ISO Coarse 50%            | 0.19                   | 1880              | 80                    | 28                | 640x510x530            | -             |
| NA23/16x25 | 394x620x23               | ISO Coarse 50%            | 0.24                   | 2350              | 80                    | 24                | 640x510x530            | -             |
| NA23/20x20 | 490x490x23               | ISO Coarse 50%            | 0.24                   | 2350              | 80                    | 24                | 640x510x530            | -             |
| NA23/20x25 | 490x620x23               | ISO Coarse 50%            | 0.30                   | 2900              | 80                    | 20                | 640x510x530            | -             |
| NA23/24x24 | 592x592x23               | ISO Coarse 50%            | 0.35                   | 3400              | 80                    | 21                | 600x600x500            | -             |
| NA45/12x24 | 287x592x45               | ISO Coarse 60%            | 0.17                   | 1700              | 110                   | 20                | 600x600x500            | -             |
| NA45/16x20 | 394x490x45               | ISO Coarse 60%            | 0.19                   | 1880              | 110                   | 14                | 640x510x530            | -             |
| NA45/16x25 | 394x620x45               | ISO Coarse 60%            | 0.24                   | 2350              | 110                   | 12                | 640x510x530            | -             |
| NA45/20x20 | 490x490x45               | ISO Coarse 60%            | 0.24                   | 2350              | 110                   | 12                | 640x510x530            | -             |
| NA45/20x25 | 490x620x45               | ISO Coarse 60%            | 0.30                   | 2900              | 110                   | 10                | 640x510x530            | -             |
| NA45/24x24 | 592x592x45               | ISO Coarse 60%            | 0.35                   | 3400              | 110                   | 10                | 600x600x500            | -             |



# Panel filters

## AERO Panel

ISO  
Coarse



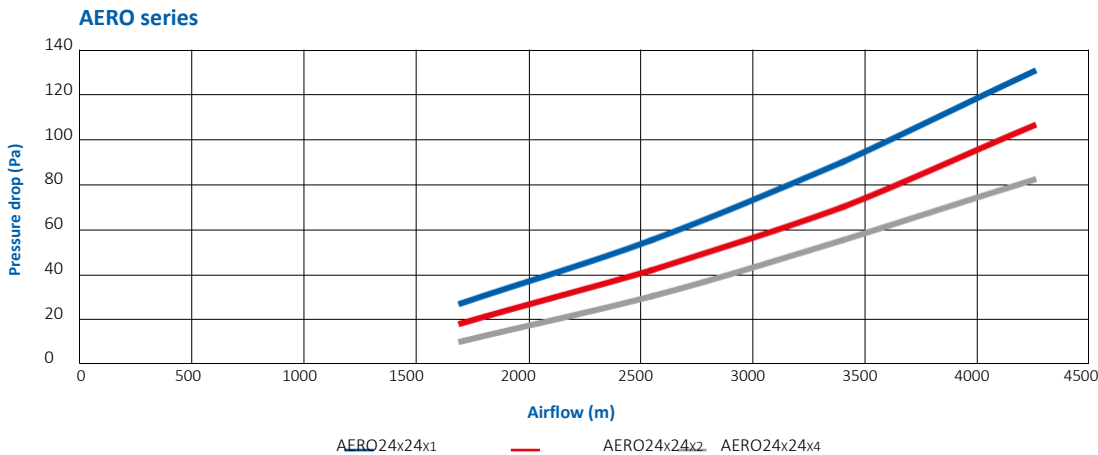
### Specifications

Application: Pre filter HVAC, industry, spray booth  
Frame: Firm cardboard frame  
Spacers: -  
Bonding: -  
Medium: Synthetic  
Gasket: Optional neoprene  
Filter class according to ISO 16890: ISO Coarse  
Maximum final pressure drop: 250Pa  
Maximum temperature: 70°C  
Maximum relative humidity: 90%

### Advantages

- Straightforward assembly
- Totally combustible

| Type        | Dimensions<br>WxHxD (mm) | Filter class<br>ISO 16890 | Filter surface<br>(m <sup>2</sup> ) | Airflow<br>(m <sup>3</sup> /h) | Pressure drop<br>(Pa) | # Filters/<br>box | Dimensions<br>box (mm) | Energy label* |
|-------------|--------------------------|---------------------------|-------------------------------------|--------------------------------|-----------------------|-------------------|------------------------|---------------|
| AERO12x24x1 | 289x594x23               | ISO Coarse 70%            | 0.3                                 | 1700                           | 90                    | 40                | 600x600x480            | -             |
| AERO16x20x1 | 394x495x23               | ISO Coarse 70%            | 0.4                                 | 1880                           | 90                    | 32                | 640x510x530            | -             |
| AERO16x25x1 | 394x622x23               | ISO Coarse 70%            | 0.4                                 | 2350                           | 90                    | 27                | 640x510x530            | -             |
| AERO20x20x1 | 495x495x23               | ISO Coarse 70%            | 0.5                                 | 2350                           | 90                    | 29                | 640x510x530            | -             |
| AERO20x24x1 | 495x594x23               | ISO Coarse 70%            | 0.6                                 | 2800                           | 90                    | 24                | 640x510x530            | -             |
| AERO20x25x1 | 495x622x23               | ISO Coarse 70%            | 0.6                                 | 2900                           | 90                    | 22                | 640x510x530            | -             |
| AERO24x24x1 | 594x594x23               | ISO Coarse 70%            | 0.7                                 | 3400                           | 90                    | 20                | 600x600x480            | -             |
| AERO12x24x2 | 289x594x45               | ISO Coarse 70%            | 0.5                                 | 1700                           | 70                    | 20                | 600x600x460            | -             |
| AERO16x20x2 | 394x495x45               | ISO Coarse 70%            | 0.6                                 | 1880                           | 70                    | 16                | 640x510x530            | -             |
| AERO16x25x2 | 394x622x45               | ISO Coarse 70%            | 0.8                                 | 2350                           | 70                    | 13                | 640x510x530            | -             |
| AERO20x20x2 | 495x495x45               | ISO Coarse 70%            | 0.7                                 | 2350                           | 70                    | 10                | 500x500x500            | -             |
| AERO20x24x2 | 495x594x45               | ISO Coarse 70%            | 0.9                                 | 2800                           | 70                    | 12                | 600x600x500            | -             |
| AERO20x25x2 | 495x622x45               | ISO Coarse 70%            | 0.9                                 | 2900                           | 70                    | 12                | 640x510x530            | -             |
| AERO24x24x2 | 594x594x45               | ISO Coarse 70%            | 1.1                                 | 3400                           | 70                    | 10                | 600x600x460            | -             |
| AERO12x24x4 | 289x594x94               | ISO Coarse 70%            | 1.1                                 | 1700                           | 55                    | 10                | 600x600x480            | -             |
| AERO16x20x4 | 394x495x94               | ISO Coarse 70%            | 1.3                                 | 1880                           | 55                    | 8                 | 640x510x530            | -             |
| AERO16x25x4 | 394x622x94               | ISO Coarse 70%            | 1.6                                 | 2350                           | 55                    | 7                 | 640x510x530            | -             |
| AERO20x20x4 | 495x495x94               | ISO Coarse 70%            | 1.6                                 | 2350                           | 55                    | 5                 | 500x500x500            | -             |
| AERO20x24x4 | 495x594x94               | ISO Coarse 70%            | 1.9                                 | 2800                           | 55                    | 6                 | 600x600x500            | -             |
| AERO20x25x4 | 495x622x94               | ISO Coarse 70%            | 2.0                                 | 2900                           | 55                    | 5                 | 640x510x530            | -             |
| AERO24x24x4 | 594x594x94               | ISO Coarse 70%            | 2.3                                 | 3400                           | 55                    | 5                 | 600x600x480            | -             |





# Panel filters

FP Panel

Coarse

ISO



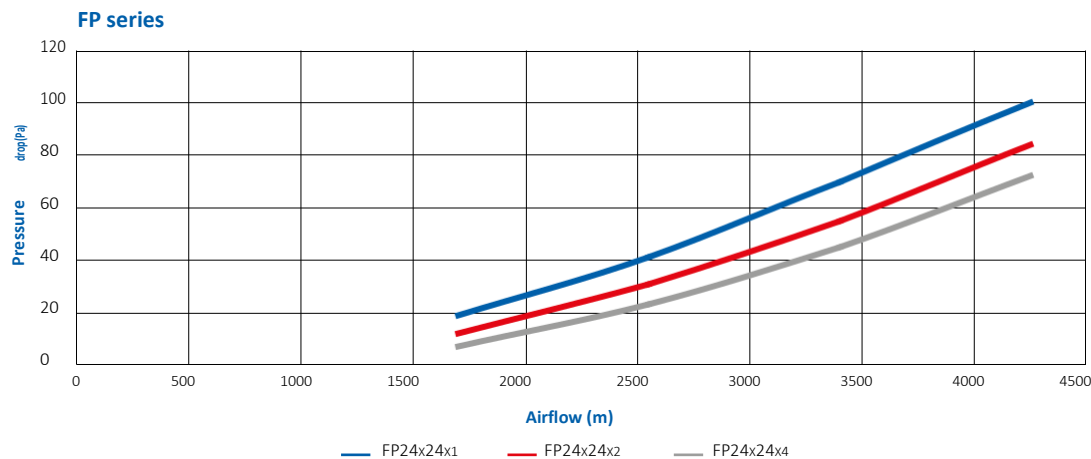
## Specifications

Application: Prefilter HVAC, industry, spray booth  
Frame: Firm cardboard frame  
Spacers: -  
Bonding: -  
Medium: Synthetic  
Gasket: Optional neoprene  
Filter class according to ISO 16890: ISO Coarse  
Maximum final pressure drop: 250Pa  
Maximum temperature: 70°C  
Maximum relative humidity: 90%

## Advantages

- Straightforward assembly
- Totally combustible
- Lower pressure drop
- Larger dust holding capacity compared to AERO type

| Type      | Dimensions<br>WxHxD (mm) | Filter class<br>ISO 16890 | Filter surface<br>(m <sup>2</sup> ) | Airflow<br>(m <sup>3</sup> /h) | Pressure drop<br>(Pa) | # Filters/<br>box | Dimensions<br>box (mm) | Energy label* |
|-----------|--------------------------|---------------------------|-------------------------------------|--------------------------------|-----------------------|-------------------|------------------------|---------------|
| FP12x24x1 | 289x594x23               | ISO Coarse 70%            | 0.4                                 | 1700                           | 70                    | 40                | 600x600x480            | -             |
| FP16x20x1 | 394x495x23               | ISO Coarse 70%            | 0.5                                 | 1880                           | 70                    | 32                | 640x510x530            | -             |
| FP16x25x1 | 394x622x23               | ISO Coarse 70%            | 0.6                                 | 2350                           | 70                    | 27                | 640x510x530            | -             |
| FP20x20x1 | 495x495x23               | ISO Coarse 70%            | 0.6                                 | 2350                           | 70                    | 29                | 640x510x530            | -             |
| FP20x24x1 | 495x594x23               | ISO Coarse 70%            | 0.7                                 | 2800                           | 70                    | 24                | 640x510x530            | -             |
| FP20x25x1 | 495x622x23               | ISO Coarse 70%            | 0.7                                 | 2900                           | 70                    | 22                | 640x510x530            | -             |
| FP24x24x1 | 594x594x23               | ISO Coarse 70%            | 0.9                                 | 3400                           | 70                    | 20                | 600x600x480            | -             |
| FP12x24x2 | 289x594x45               | ISO Coarse 70%            | 0.6                                 | 1700                           | 55                    | 20                | 600x600x460            | -             |
| FP16x20x2 | 394x495x45               | ISO Coarse 70%            | 0.7                                 | 1880                           | 55                    | 16                | 640x510x530            | -             |
| FP16x25x2 | 394x622x45               | ISO Coarse 70%            | 0.8                                 | 2350                           | 55                    | 13                | 640x510x530            | -             |
| FP20x20x2 | 495x495x45               | ISO Coarse 70%            | 0.9                                 | 2350                           | 55                    | 10                | 500x500x500            | -             |
| FP20x24x2 | 495x594x45               | ISO Coarse 70%            | 1.1                                 | 2800                           | 55                    | 12                | 600x600x500            | -             |
| FP20x25x2 | 495x622x45               | ISO Coarse 70%            | 1.2                                 | 2900                           | 55                    | 12                | 640x510x530            | -             |
| FP24x24x2 | 594x594x45               | ISO Coarse 70%            | 1.4                                 | 3400                           | 55                    | 10                | 600x600x460            | -             |
| FP12x24x4 | 289x594x94               | ISO Coarse 70%            | 1.3                                 | 1700                           | 45                    | 10                | 600x600x480            | -             |
| FP16x20x4 | 394x495x94               | ISO Coarse 70%            | 1.6                                 | 1880                           | 45                    | 8                 | 640x510x530            | -             |
| FP16x25x4 | 394x622x94               | ISO Coarse 70%            | 2.0                                 | 2350                           | 45                    | 7                 | 640x510x530            | -             |
| FP20x20x4 | 495x495x94               | ISO Coarse 70%            | 1.9                                 | 2350                           | 45                    | 5                 | 500x500x500            | -             |
| FP20x24x4 | 495x594x94               | ISO Coarse 70%            | 2.3                                 | 2800                           | 45                    | 6                 | 600x600x500            | -             |
| FP20x25x4 | 495x622x94               | ISO Coarse 70%            | 2.4                                 | 2900                           | 45                    | 5                 | 640x510x530            | -             |
| FP24x24x4 | 594x594x94               | ISO Coarse 70%            | 2.9                                 | 3400                           | 45                    | 5                 | 600x600x480            | -             |



VE CARBON FILTERS

OTH

PRODUCTS

# Panel filters

## APKK Panel



### Specifications

Application: HVAC, industry

Frame: Plastic

Spacers: -

Bonding: 2 component polyurethane

Medium: Synthetic - PET

Gasket: Optional, Continuous poured gasket

Filter class according to ISO 16890: ISO Coarse, ePM10

Maximum final pressure drop: 250Pa

Maximum temperature: 70°C

Maximum relative humidity: 90%

Comments: Very good alternative to APMC filter

### Advantages

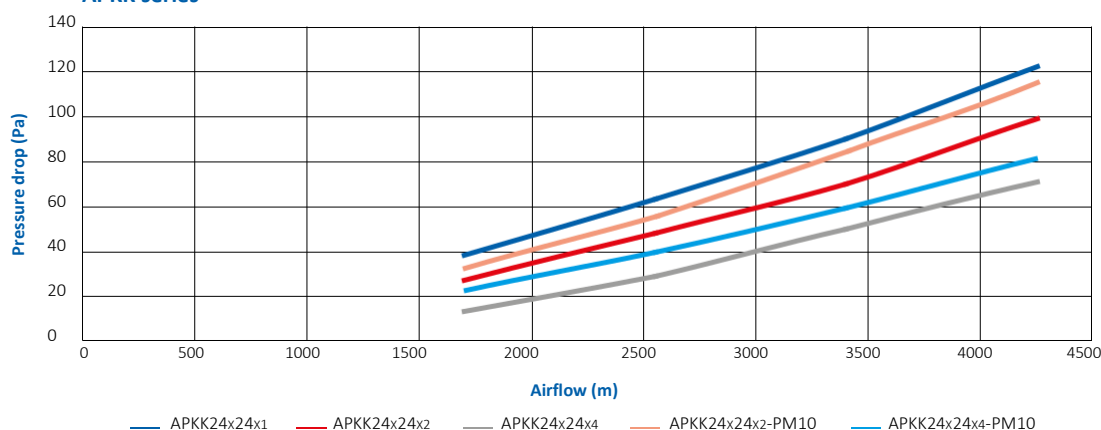
- Very low pressure drop
- Robust construction
- Totally combustible
- No corrosion

### Options

- ePM10

| Type             | Dimensions<br>WxHxD (mm) | Filter class<br>ISO 16890 | Filter surface<br>(m <sup>2</sup> ) | Airflow<br>(m <sup>3</sup> /h) | Pressure drop<br>(Pa) | # Filters/<br>box | Dimensions<br>box (mm) | Energy label* |
|------------------|--------------------------|---------------------------|-------------------------------------|--------------------------------|-----------------------|-------------------|------------------------|---------------|
| APKK12x24x1      | 287x592x25               | ISO Coarse 70%            | 0.4                                 | 1700                           | 90                    | 24                | 600x600x300            | -             |
| APKK16x20x1      | 394x490x25               | ISO Coarse 70%            | 0.4                                 | 1880                           | 90                    | 28                | 640x510x530            | -             |
| APKK16x24x1      | 394x592x25               | ISO Coarse 70%            | 0.5                                 | 2250                           | 90                    | 24                | 640x510x530            | -             |
| APKK16x25x1      | 394x620x25               | ISO Coarse 70%            | 0.6                                 | 2350                           | 90                    | 28                | 640x510x530            | -             |
| APKK20x20x1      | 490x490x25               | ISO Coarse 70%            | 0.6                                 | 2350                           | 90                    | 27                | 640x510x530            | -             |
| APKK20x24x1      | 490x592x25               | ISO Coarse 70%            | 0.7                                 | 2800                           | 90                    | 24                | 640x510x530            | -             |
| APKK20x25x1      | 490x620x25               | ISO Coarse 70%            | 0.7                                 | 2900                           | 90                    | 22                | 640x510x530            | -             |
| APKK24x24x1      | 592x592x25               | ISO Coarse 70%            | 0.8                                 | 3400                           | 90                    | 20                | 600x600x500            | -             |
| APKK12x24x2      | 287x592x48               | ISO Coarse 70%            | 0.5                                 | 1700                           | 70                    | 12                | 600x600x300            | -             |
| APKK16x20x2      | 394x490x48               | ISO Coarse 70%            | 0.6                                 | 1880                           | 70                    | 10                | 500x400x500            | -             |
| APKK16x24x2      | 394x592x48               | ISO Coarse 70%            | 0.7                                 | 2250                           | 70                    | 15                | 640x510x530            | -             |
| APKK16x25x2      | 394x620x48               | ISO Coarse 70%            | 0.8                                 | 2350                           | 70                    | 13                | 640x510x530            | -             |
| APKK20x20x2      | 490x490x48               | ISO Coarse 70%            | 0.8                                 | 2350                           | 70                    | 14                | 640x510x530            | -             |
| APKK20x24x2      | 490x592x48               | ISO Coarse 70%            | 0.9                                 | 2800                           | 70                    | 6                 | 600x500x300            | -             |
| APKK20x25x2      | 490x620x48               | ISO Coarse 70%            | 1.0                                 | 2900                           | 70                    | 11                | 640x510x530            | -             |
| APKK24x24x2      | 592x592x48               | ISO Coarse 70%            | 1.1                                 | 3400                           | 70                    | 6                 | 600x600x300            | -             |
| APKK12x24x4      | 287x592x96               | ISO Coarse 70%            | 1.1                                 | 1700                           | 50                    | 6                 | 600x600x300            | -             |
| APKK16x20x4      | 394x490x96               | ISO Coarse 70%            | 1.2                                 | 1880                           | 50                    | 8                 | 640x510x530            | -             |
| APKK16x24x4      | 394x592x96               | ISO Coarse 70%            | 1.5                                 | 2250                           | 50                    | 6                 | 640x510x530            | -             |
| APKK16x25x4      | 394x620x96               | ISO Coarse 70%            | 1.5                                 | 2350                           | 50                    | 5                 | 640x400x500            | -             |
| APKK20x20x4      | 490x490x96               | ISO Coarse 70%            | 1.5                                 | 2350                           | 50                    | 5                 | 500x500x500            | -             |
| APKK20x24x4      | 490x592x96               | ISO Coarse 70%            | 1.8                                 | 2800                           | 50                    | 3                 | 600x500x300            | -             |
| APKK20x25x4      | 490x620x96               | ISO Coarse 70%            | 1.9                                 | 2900                           | 50                    | 5                 | 640x510x530            | -             |
| APKK24x24x4      | 592x592x96               | ISO Coarse 70%            | 2.2                                 | 3400                           | 50                    | 3                 | 600x600x300            | -             |
| APKK12x24x2-PM10 | 287x592x48               | ePM10 50%                 | 0.8                                 | 1700                           | 85                    | 20                | 600x600x480            | E             |
| APKK20x20x2-PM10 | 490x490x48               | ePM10 50%                 | 1.2                                 | 2350                           | 85                    | 10                | 500x500x500            | E             |
| APKK20x24x2-PM10 | 490x592x48               | ePM10 50%                 | 1.4                                 | 2800                           | 85                    | 12                | 600x600x500            | E             |
| APKK24x24x2-PM10 | 592x592x48               | ePM10 50%                 | 1.7                                 | 3400                           | 85                    | 10                | 600x600x480            | E             |
| APKK12x24x4-PM10 | 287x592x96               | ePM10 50%                 | 1.1                                 | 1700                           | 60                    | 20                | 600x600x480            | E             |
| APKK20x20x4-PM10 | 490x490x96               | ePM10 50%                 | 1.6                                 | 2350                           | 60                    | 10                | 500x500x500            | E             |
| APKK20x24x4-PM10 | 490x592x96               | ePM10 50%                 | 1.9                                 | 2800                           | 60                    | 12                | 600x600x500            | E             |
| APKK24x24x4-PM10 | 592x592x96               | ePM10 50%                 | 2.3                                 | 3400                           | 60                    | 10                | 600x600x480            | E             |

APKK series



\* According to Eurovent ECP-11-FIL -2020

# Panel filters

## AQUA Panel



### Specifications

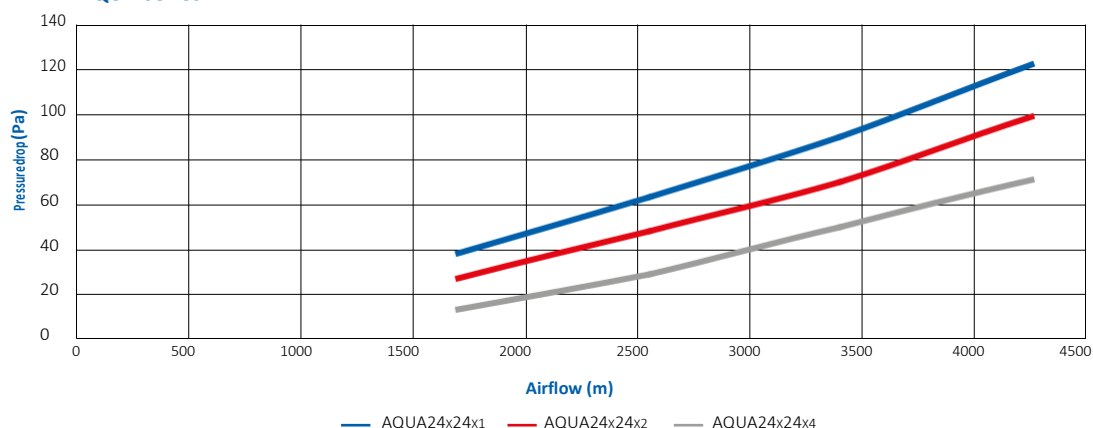
**Application:** HVAC, industry  
**Frame:** Plastic  
**Spacers:** -  
**Bonding:** 2 component polyurethane  
**Medium:** Synthetic - PET, hydrophobe  
**Gasket:** Optional, Continuous poured gasket  
**Filter class according to ISO 16890:** ISO Coarse  
**Maximum final pressure drop:** 250Pa  
**Maximum temperature:** 70°C  
**Maximum relative humidity:** 100%  
**Comments:** Very good alternative to APMC filter

### Advantages

- Water-repellent filter media
- Very low pressure drop
- Robust construction
- Totally combustible
- No corrosion

| Type        | Dimensions<br>WxHxD (mm) | Filter class<br>ISO 16890 | Filter surface<br>(m²) | Airflow<br>(m³/h) | Pressure drop<br>(Pa) | # Filters/<br>box | Dimensions<br>box (mm) | Energy label* |
|-------------|--------------------------|---------------------------|------------------------|-------------------|-----------------------|-------------------|------------------------|---------------|
| AQUA12x24x1 | 287x592x25               | ISO Coarse 70%            | 0.4                    | 1700              | 90                    | 24                | 600x600x300            | -             |
| AQUA16x20x1 | 394x490x25               | ISO Coarse 70%            | 0.4                    | 1880              | 90                    | 28                | 640x510x530            | -             |
| AQUA16x24x1 | 394x592x25               | ISO Coarse 70%            | 0.5                    | 2250              | 90                    | 24                | 640x510x530            | -             |
| AQUA16x25x1 | 394x620x25               | ISO Coarse 70%            | 0.6                    | 2350              | 90                    | 28                | 640x510x530            | -             |
| AQUA20x20x1 | 490x490x25               | ISO Coarse 70%            | 0.6                    | 2350              | 90                    | 27                | 640x510x530            | -             |
| AQUA20x24x1 | 490x592x25               | ISO Coarse 70%            | 0.7                    | 2800              | 90                    | 24                | 640x510x530            | -             |
| AQUA20x25x1 | 490x620x25               | ISO Coarse 70%            | 0.7                    | 2900              | 90                    | 22                | 640x510x530            | -             |
| AQUA24x24x1 | 592x592x25               | ISO Coarse 70%            | 0.8                    | 3400              | 90                    | 20                | 600x600x500            | -             |
| AQUA12x24x2 | 287x592x48               | ISO Coarse 70%            | 0.5                    | 1700              | 70                    | 12                | 600x600x300            | -             |
| AQUA16x20x2 | 394x490x48               | ISO Coarse 70%            | 0.6                    | 1880              | 70                    | 10                | 500x400x500            | -             |
| AQUA16x24x2 | 394x592x48               | ISO Coarse 70%            | 0.7                    | 2250              | 70                    | 15                | 640x510x530            | -             |
| AQUA16x25x2 | 394x620x48               | ISO Coarse 70%            | 0.8                    | 2350              | 70                    | 13                | 640x510x530            | -             |
| AQUA20x20x2 | 490x490x48               | ISO Coarse 70%            | 0.8                    | 2350              | 70                    | 14                | 640x510x530            | -             |
| AQUA20x24x2 | 490x592x48               | ISO Coarse 70%            | 0.9                    | 2800              | 70                    | 6                 | 600x500x300            | -             |
| AQUA20x25x2 | 490x620x48               | ISO Coarse 70%            | 1.0                    | 2900              | 70                    | 11                | 640x510x530            | -             |
| AQUA24x24x2 | 592x592x48               | ISO Coarse 70%            | 1.1                    | 3400              | 70                    | 6                 | 600x600x300            | -             |
| AQUA12x24x4 | 287x592x96               | ISO Coarse 70%            | 1.1                    | 1700              | 50                    | 6                 | 600x600x300            | -             |
| AQUA16x20x4 | 394x490x96               | ISO Coarse 70%            | 1.2                    | 1880              | 50                    | 8                 | 640x510x530            | -             |
| AQUA16x24x4 | 394x592x96               | ISO Coarse 70%            | 1.5                    | 2250              | 50                    | 6                 | 640x510x530            | -             |
| AQUA16x25x4 | 394x620x96               | ISO Coarse 70%            | 1.5                    | 2350              | 50                    | 5                 | 640x400x500            | -             |
| AQUA20x20x4 | 490x490x96               | ISO Coarse 70%            | 1.5                    | 2350              | 50                    | 5                 | 500x500x500            | -             |
| AQUA20x24x4 | 490x592x96               | ISO Coarse 70%            | 1.8                    | 2800              | 50                    | 3                 | 600x500x300            | -             |
| AQUA20x25x4 | 490x620x96               | ISO Coarse 70%            | 1.9                    | 2900              | 50                    | 5                 | 640x510x530            | -             |
| AQUA24x24x4 | 592x592x96               | ISO Coarse 70%            | 2.2                    | 3400              | 50                    | 3                 | 600x600x300            | -             |

AQUA series



\* According to Eurovent ECP-11-FIL-2020

# Panel filters

## RB Panel



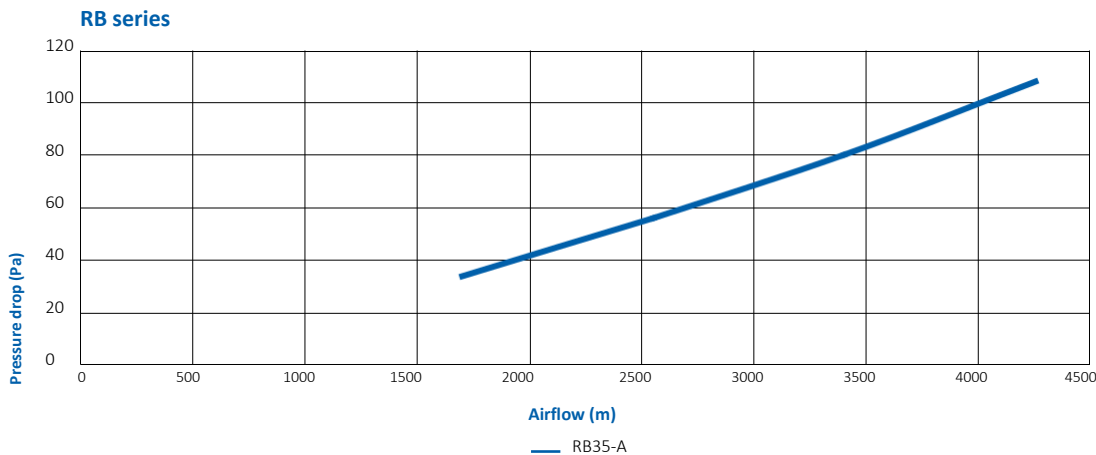
### Specifications

**Application:** HVAC, industry  
**Frame:** Plastic flange  
**Spacers:** -  
**Bonding:** 2 component polyurethane  
**Medium:** Synthetic - PET, hydrophobe  
**Gasket:** -  
**Filter class according to ISO 16890:** ISO Coarse  
**Maximum final pressure drop:** 600Pa  
**Maximum temperature:** 65°C  
**Maximum relative humidity:** 100%

### Advantages

- Extra pre filter to add to existing filter configuration
- Water-repellent filter media

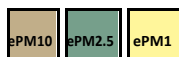
| Type   | Dimensions<br>WxHxD (mm) | Filter class<br>ISO 16890 | Filter surface<br>(m <sup>2</sup> ) | Airflow<br>(m <sup>3</sup> /h) | Pressure drop<br>(Pa) | # Filters/<br>box | Dimensions<br>box (mm) | Energy label* |
|--------|--------------------------|---------------------------|-------------------------------------|--------------------------------|-----------------------|-------------------|------------------------|---------------|
| RB35-A | 592x592x96               | ISO Coarse 70%            | 1.6                                 | 3400                           | 80                    | 3                 | 600x600x300            | -             |
| RB35-B | 490x592x96               | ISO Coarse 70%            | 1.3                                 | 2800                           | 80                    | 3                 | 600x500x300            | -             |
| RB35-C | 288x592x96               | ISO Coarse 70%            | 0.8                                 | 1700                           | 80                    | 6                 | 600x600x300            | -             |



\* According to Eurovent ECP-11-FIL-2020

# Panel filters

## CP Panel



### Specifications

**Application:** HVAC  
**Frame:** Plastic  
**Spacers:** Hotmelt  
**Bonding:** 2 component polyurethane  
**Medium:** Glass fibre paper  
**Gasket:** Optional, Continuous poured gasket  
**Filter class according to ISO 16890:** ePM10, ePM2.5, ePM1  
**Maximum final pressure drop:** 450 Pa  
**Maximum temperature:** 65°C  
**Maximum relative humidity:** 90%  
**Comments:** Possibility to deliver T-profile for

### Advantages

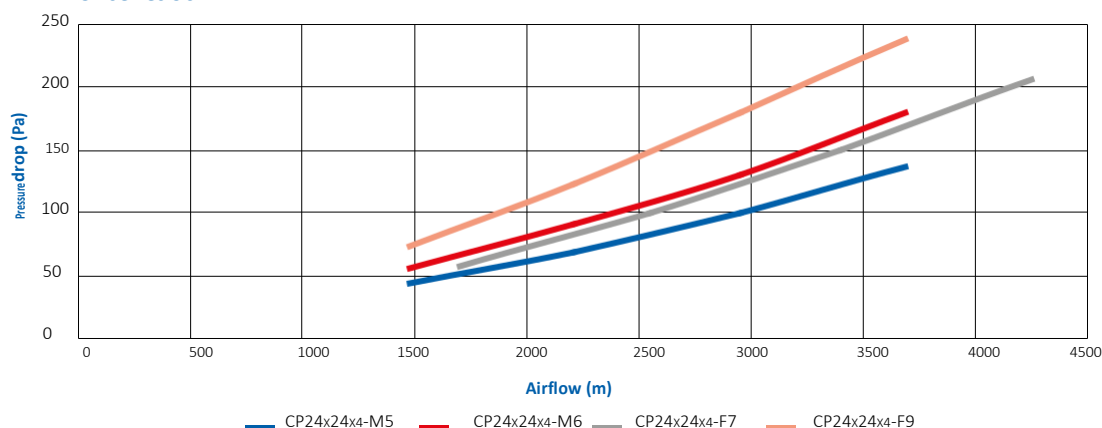
- Compact construction
- Robust construction
- Totally combustible
- Also available with flange for easy panel sealed mounting in holding frame



mounting two frames together

| Type         | Dimensions<br>WxHxD (mm) | Filter class<br>ISO 16890 | Filter surface<br>(m²) | Airflow<br>(m³/h) | Pressure drop<br>(Pa) | # Filters/<br>box | Dimensions<br>box (mm) | Energy label* |
|--------------|--------------------------|---------------------------|------------------------|-------------------|-----------------------|-------------------|------------------------|---------------|
| CP24x24x2-M5 | 592x592x48               | ePM10 75%                 | 5.8                    | 2950              | 95                    | 6                 | 600x600x300            | E             |
| CP20x24x2-M5 | 490x592x48               | ePM10 75%                 | 4.7                    | 2450              | 95                    | 6                 | 600x500x300            | E             |
| CP12x24x2-M5 | 287x592x48               | ePM10 75%                 | 2.7                    | 1450              | 95                    | 12                | 600x600x300            | E             |
| CP24x24x4-M5 | 592x592x96               | ePM10 75%                 | 10.7                   | 2950              | 100                   | 3                 | 600x600x300            | E             |
| CP20x24x4-M5 | 490x592x96               | ePM10 75%                 | 8.8                    | 2450              | 100                   | 3                 | 600x500x300            | E             |
| CP12x24x4-M5 | 287x592x96               | ePM10 75%                 | 5.0                    | 1450              | 100                   | 6                 | 600x600x300            | E             |
| CP24x24x2-M6 | 592x592x48               | ePM2,5 55%                | 5.8                    | 2950              | 110                   | 6                 | 600x600x300            | E             |
| CP20x24x2-M6 | 490x592x48               | ePM2,5 55%                | 4.7                    | 2450              | 110                   | 6                 | 600x500x300            | E             |
| CP12x24x2-M6 | 287x592x48               | ePM2,5 55%                | 2.7                    | 1450              | 110                   | 12                | 600x600x300            | E             |
| CP24x24x4-M6 | 592x592x96               | ePM2,5 55%                | 10.7                   | 2950              | 130                   | 3                 | 600x600x300            | E             |
| CP20x24x4-M6 | 490x592x96               | ePM2,5 55%                | 8.8                    | 2450              | 130                   | 3                 | 600x500x300            | E             |
| CP12x24x4-M6 | 287x592x96               | ePM2,5 55%                | 5.0                    | 1450              | 130                   | 6                 | 600x600x300            | E             |
| CP24x24x2-F7 | 592x592x48               | ePM1 55%                  | 5.8                    | 3400              | 180                   | 6                 | 600x600x300            | E             |
| CP20x24x2-F7 | 490x592x48               | ePM1 55%                  | 4.7                    | 2800              | 180                   | 6                 | 600x500x300            | E             |
| CP12x24x2-F7 | 287x592x48               | ePM1 55%                  | 2.7                    | 1700              | 180                   | 12                | 600x600x300            | E             |
| CP24x24x4-F7 | 592x592x96               | ePM1 55%                  | 10.7                   | 3400              | 150                   | 3                 | 600x600x300            | E             |
| CP20x24x4-F7 | 490x592x96               | ePM1 55%                  | 8.8                    | 2800              | 150                   | 3                 | 600x500x300            | E             |
| CP12x24x4-F7 | 287x592x96               | ePM1 55%                  | 5.0                    | 1700              | 150                   | 6                 | 600x600x300            | E             |
| CP24x24x2-F9 | 592x592x48               | ePM1 80%                  | 5.8                    | 2950              | 215                   | 6                 | 600x600x300            | E             |
| CP20x24x2-F9 | 490x592x48               | ePM1 80%                  | 4.7                    | 2450              | 215                   | 6                 | 600x500x300            | E             |
| CP12x24x2-F9 | 287x592x48               | ePM1 80%                  | 2.7                    | 1450              | 215                   | 12                | 600x600x300            | E             |
| CP24x24x4-F9 | 592x592x96               | ePM1 80%                  | 10.7                   | 2950              | 180                   | 3                 | 600x600x300            | E             |
| CP20x24x4-F9 | 490x592x96               | ePM1 80%                  | 8.8                    | 2450              | 180                   | 3                 | 600x500x300            | E             |
| CP12x24x4-F9 | 287x592x96               | ePM1 80%                  | 5.0                    | 1450              | 180                   | 6                 | 600x600x300            | E             |

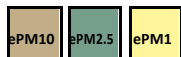
CP series 96 mm



\* According to Eurovent ECP-11-FIL-2020

# Panel filters

## CPMC Panel



### Specifications

**Application:** HVAC

**Frame:** Galvanized steel

**Spacers:** Hotmelt

**Bonding:** 2 component polyurethane

**Medium:** Glass fibre paper

**Gasket:** Optional, Continuous poured gasket

**Filter class according to ISO 16890:** ePM10, ePM2.5, ePM1

**Maximum final pressure drop:** 450 Pa

**Maximum temperature:** 65°C

**Maximum relative humidity:** 90%

**Comments:** Possibility to deliver T-profile for

mounting two frames together

### Advantages

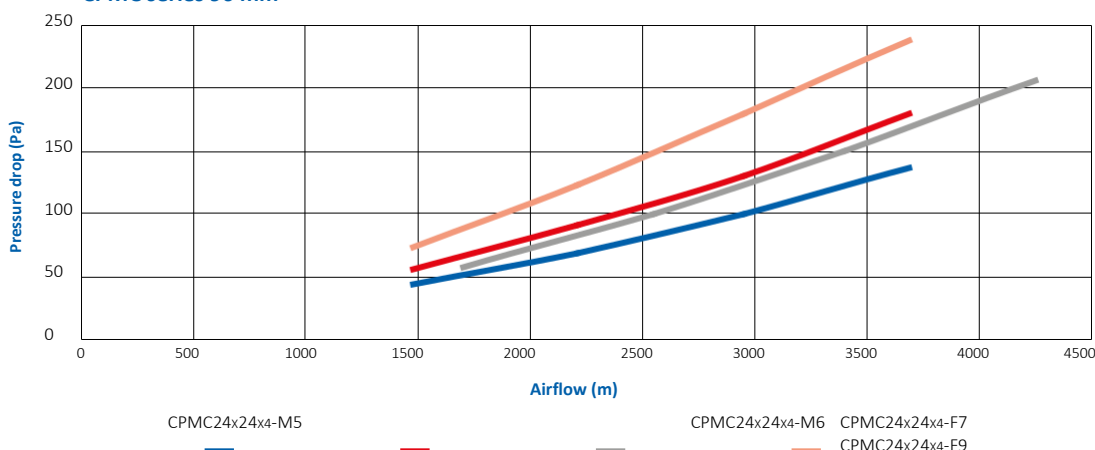
- Compact construction
- Robust construction

### Options

- ATEX, Flange, Grid

| Type           | Dimensions<br>WxHxD (mm) | Filter class<br>ISO 16890 | Filter surface<br>(m <sup>2</sup> ) | Airflow<br>(m <sup>3</sup> /h) | Pressure drop<br>(Pa) | # Filters/<br>box | Dimensions<br>box (mm) | Energy label* |
|----------------|--------------------------|---------------------------|-------------------------------------|--------------------------------|-----------------------|-------------------|------------------------|---------------|
| CPMC24x24x2-M5 | 592x592x45               | ePM10 75%                 | 5.8                                 | 2950                           | 95                    | 10                | 600x600x480            | E             |
| CPMC20x24x2-M5 | 490x592x45               | ePM10 75%                 | 4.7                                 | 2450                           | 95                    | 12                | 600x600x500            | E             |
| CPMC12x24x2-M5 | 287x592x45               | ePM10 75%                 | 2.7                                 | 1450                           | 95                    | 20                | 600x600x480            | E             |
| CPMC24x24x4-M5 | 592x592x96               | ePM10 75%                 | 10.7                                | 2950                           | 100                   | 5                 | 600x600x500            | E             |
| CPMC20x24x4-M5 | 490x592x96               | ePM10 75%                 | 8.8                                 | 2450                           | 100                   | 5                 | 640x510x530            | E             |
| CPMC12x24x4-M5 | 287x592x96               | ePM10 75%                 | 5.0                                 | 1450                           | 100                   | 10                | 600x600x500            | E             |
| CPMC24x24x2-M6 | 592x592x45               | ePM2,5 55%                | 5.8                                 | 2950                           | 110                   | 10                | 600x600x480            | E             |
| CPMC20x24x2-M6 | 490x592x45               | ePM2,5 55%                | 4.7                                 | 2450                           | 110                   | 12                | 600x600x500            | E             |
| CPMC12x24x2-M6 | 287x592x45               | ePM2,5 55%                | 2.7                                 | 1450                           | 110                   | 20                | 600x600x480            | E             |
| CPMC24x24x4-M6 | 592x592x96               | ePM2,5 55%                | 10.7                                | 2950                           | 130                   | 5                 | 600x600x500            | E             |
| CPMC20x24x4-M6 | 490x592x96               | ePM2,5 55%                | 8.8                                 | 2450                           | 130                   | 5                 | 640x510x530            | E             |
| CPMC12x24x4-M6 | 287x592x96               | ePM2,5 55%                | 5.0                                 | 1450                           | 130                   | 10                | 600x600x500            | E             |
| CPMC24x24x2-F7 | 592x592x45               | ePM1 55%                  | 5.8                                 | 3400                           | 180                   | 10                | 600x600x480            | E             |
| CPMC20x24x2-F7 | 490x592x45               | ePM1 55%                  | 4.7                                 | 2800                           | 180                   | 12                | 600x600x500            | E             |
| CPMC12x24x2-F7 | 287x592x45               | ePM1 55%                  | 2.7                                 | 1700                           | 180                   | 20                | 600x600x480            | E             |
| CPMC24x24x4-F7 | 592x592x96               | ePM1 55%                  | 10.7                                | 3400                           | 150                   | 5                 | 600x600x500            | E             |
| CPMC20x24x4-F7 | 490x592x96               | ePM1 55%                  | 8.8                                 | 2800                           | 150                   | 5                 | 640x510x530            | E             |
| CPMC12x24x4-F7 | 287x592x96               | ePM1 55%                  | 5.0                                 | 1700                           | 150                   | 10                | 600x600x500            | E             |
| CPMC24x24x2-F9 | 592x592x45               | ePM1 80%                  | 5.8                                 | 2950                           | 215                   | 6                 | 600x600x300            | E             |
| CPMC20x24x2-F9 | 490x592x45               | ePM1 80%                  | 4.7                                 | 2450                           | 215                   | 6                 | 600x500x300            | E             |
| CPMC12x24x2-F9 | 287x592x45               | ePM1 80%                  | 2.7                                 | 1450                           | 215                   | 12                | 600x600x300            | E             |
| CPMC24x24x4-F9 | 592x592x96               | ePM1 80%                  | 10.7                                | 2950                           | 180                   | 3                 | 600x600x300            | E             |
| CPMC20x24x4-F9 | 490x592x96               | ePM1 80%                  | 8.8                                 | 2450                           | 180                   | 3                 | 600x500x300            | E             |
| CPMC12x24x4-F9 | 287x592x96               | ePM1 80%                  | 5.0                                 | 1450                           | 180                   | 6                 | 600x600x300            | E             |

CPMC series 96 mm



\* According to Eurovent ECP-11-FIL-2020

# Panel filters additional product

## VVF filter



VVF grease filter is used for grease and oil mist separation for cooker hood.

It is assembled within a galvanized steel or stainless steel frame and characterized by its media in expanded aluminum.

For further details about the VVF grease filter dimensions and possibilities, contact us.

## GPMC



GPMC panel filter is constructed with a paint stop glass fibre media and assembled in a galvanized steel frame and a metal grid. It used as a prefilter for HVAC, industry and spray booth. This filter comply with the ISO 16890 and is available as ISO Coarse 50%.

For further details about the GPMC panel filter, contact us.



