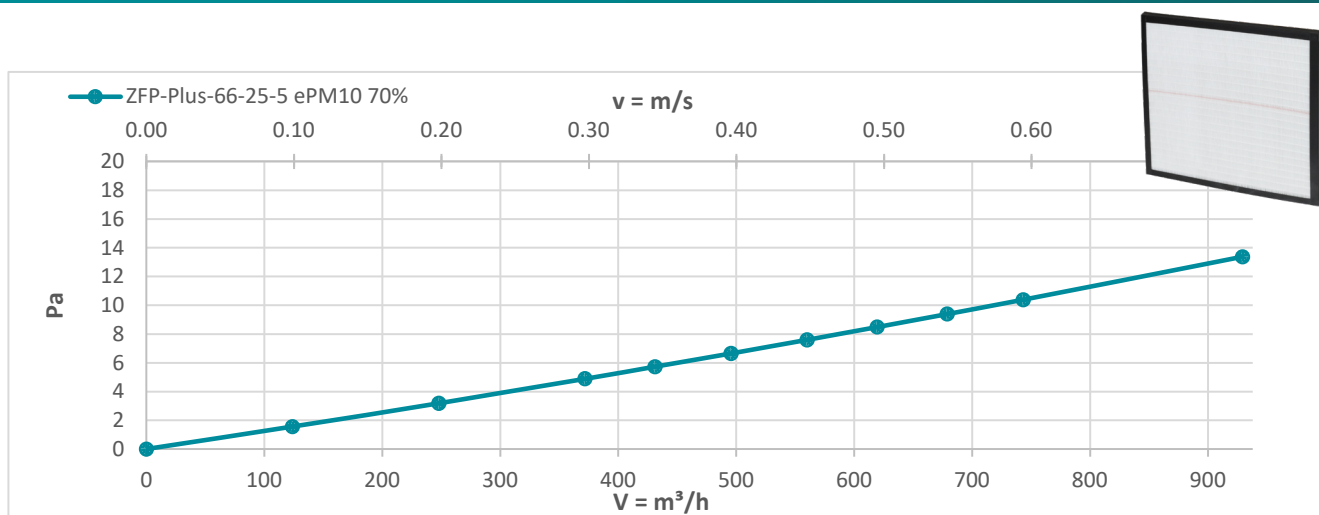


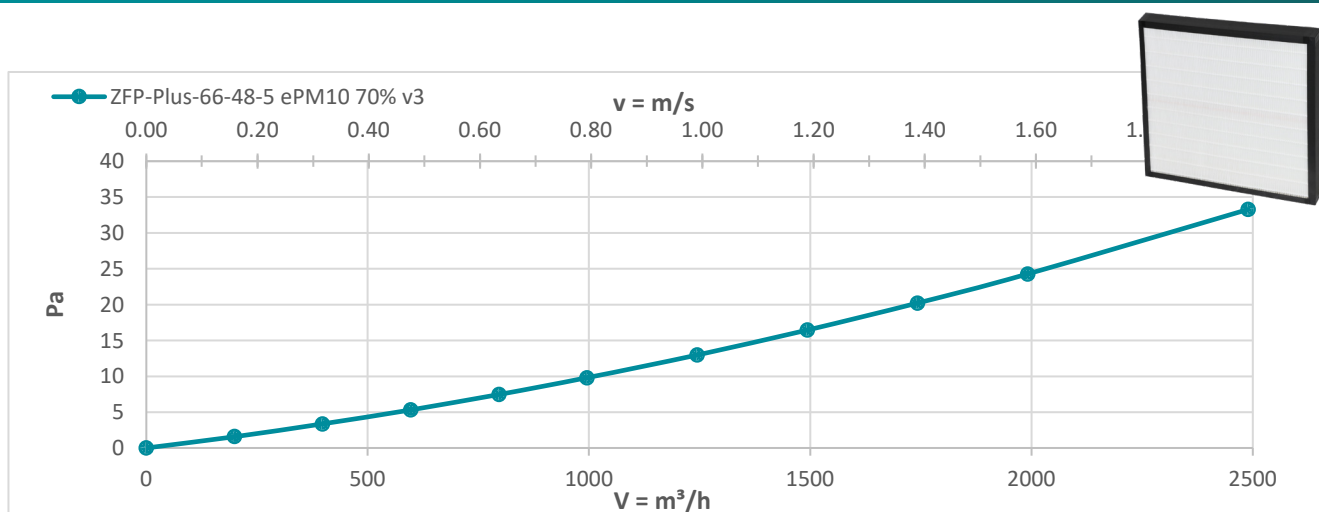


Test specimen 592 x 592 mm

| ZFP-Plus-66-25-5 ePM <sub>10</sub> 60%                          |                |
|-----------------------------------------------------------------|----------------|
| Dimensions (mm) Width x Height x Depth:                         | 592 x 592 x 25 |
| Filter Area (m²):                                               | 2.80           |
| Volume Flow (m³/h):                                             | 750            |
| Initial Pressure Differential (Pa):                             | 10             |
| Final pressure difference (Pa):                                 | 300            |
| Burst pressure (Pa):                                            | >600           |
| Filter class according to ISO 16890 ePM <sub>10</sub> :         | 70%            |
| Filter class according to ISO 16890 coarse:                     | 90%            |
| According to previous standard EN 779:2012 (valid until 06/18): | M5             |
| Dust Retention Capacity (g):                                    | 49.8           |
| Max. Operating Temperature (°C):                                | 80             |
| Fire Behavior According to DIN 53438:                           | F1             |
| Fire Rating (BKZ):                                              | 4.2            |
| Fire Behavior According to DIN EN ISO 11925-2:2010:             | E              |
| Fire Behavior According to DIN 4102:                            | B2             |
| Raw Materials:                                                  | PES            |
| Filter Media Color:                                             | white          |
| Property:                                                       | mini-pleat     |
| Frame Type:                                                     | Plastic        |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 66  | 592 x 592 x 25                            | 2.80                | 750                   |
| 63  | 592 x 287 x 25                            | 1.40                | 365                   |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 33  | 287 x 287 x 25                            | 0.67                | 175                   |

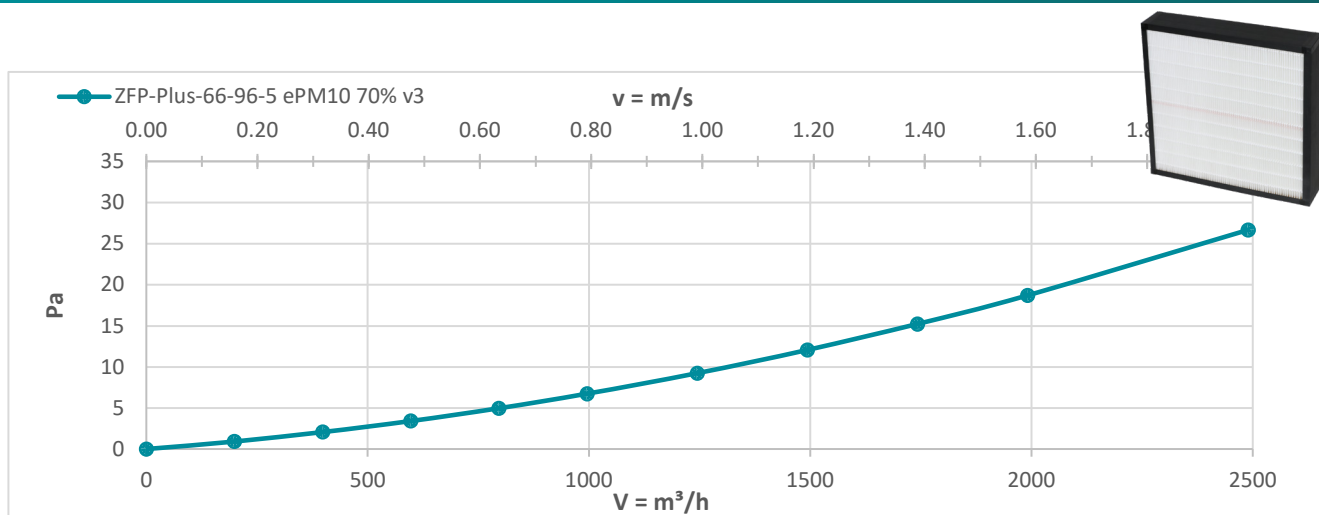
**Pleated cell filter with plastic frame ZFP-Plus-XX-48-5 ePM<sub>10</sub> 70% v3**

Test specimen 592 x 592 mm

| ZFP-Plus-66-48-5 ePM <sub>10</sub> 70% v3                       |                |
|-----------------------------------------------------------------|----------------|
| Dimensions (mm) Width x Height x Depth:                         | 592 x 592 x 48 |
| Filter Area (m²):                                               | 4.25           |
| Volume Flow (m³/h):                                             | 2'000          |
| Initial Pressure Differential (Pa):                             | 24             |
| Pressure loss at 0.944 m³/s:                                    | 47             |
| Final pressure difference (Pa):                                 | 300            |
| Burst pressure (Pa):                                            | >600           |
| Filter class according to ISO 16890 ePM <sub>10</sub> :         | 70%            |
| Filter class according to ISO 16890 coarse:                     | 90%            |
| According to previous standard EN 779:2012 (valid until 06/18): | M5             |
| Dust Retention Capacity (g):                                    | 112            |
| Max. Operating Temperature (°C):                                | 80             |
| Fire Behavior According to DIN 53438:                           | F1             |
| Fire Rating (BKZ):                                              | 4.2            |
| Fire Behavior According to DIN EN ISO 11925-2:2010:             | E              |
| Fire Behavior According to DIN 4102:                            | B2             |
| Raw Materials:                                                  | PES            |
| Filter Media Color:                                             | white          |
| Property:                                                       | mini-pleat     |
| Frame Type:                                                     | Plastic        |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 66  | 592 x 592 x 48                            | 4.25                | 2'000                 |
| 63  | 592 x 287 x 48                            | 2.06                | 970                   |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 33  | 287 x 287 x 48                            | 1.00                | 470                   |

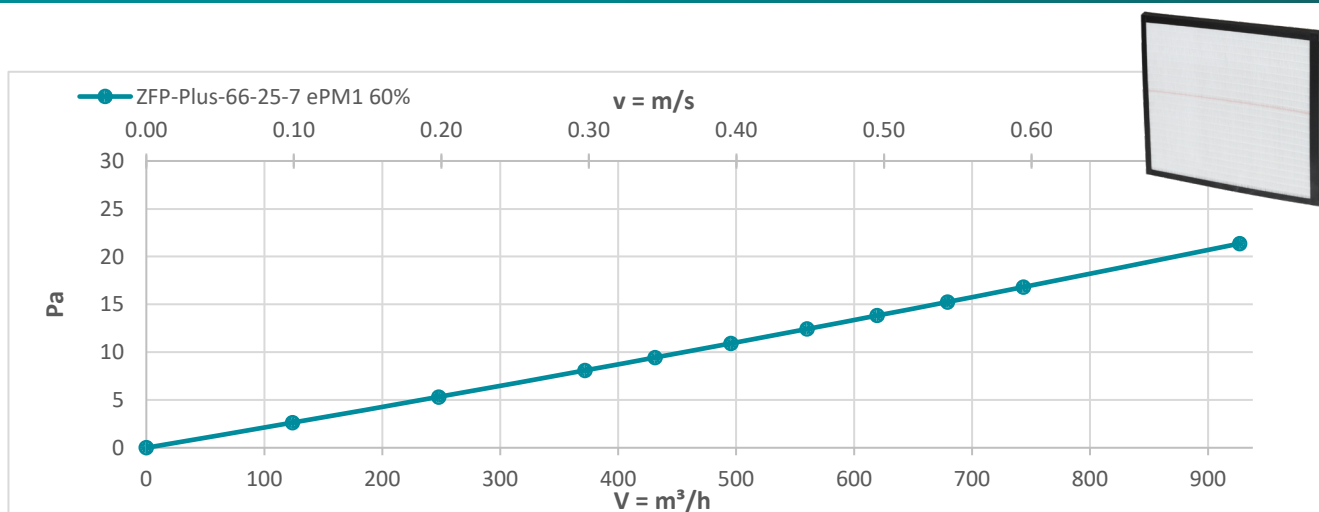
**Pleated cell filter with plastic frame ZFP-Plus-XX-96-5 ePM<sub>10</sub> 70% v3**

Test specimen 592 x 592 mm

| ZFP-Plus-66-96-5 ePM <sub>10</sub> 70% v3                       |                |
|-----------------------------------------------------------------|----------------|
| Dimensions (mm) Width x Height x Depth:                         | 592 x 592 x 96 |
| Filter Area (m²):                                               | 6.60           |
| Volume Flow (m³/h):                                             | 2'000          |
| Initial Pressure Differential (Pa):                             | 20             |
| Pressure loss at 0.944 m³/s:                                    | 45             |
| Final pressure difference (Pa):                                 | 300            |
| Burst pressure (Pa):                                            | >600           |
| Filter class according to ISO 16890 ePM <sub>10</sub> :         | 70%            |
| Filter class according to ISO 16890 coarse:                     | 90%            |
| According to previous standard EN 779:2012 (valid until 06/18): | M5             |
| Dust Retention Capacity (g):                                    | 280.1          |
| Max. Operating Temperature (°C):                                | 80             |
| Fire Behavior According to DIN 53438:                           | F1             |
| Fire Rating (BKZ):                                              | 4.2            |
| Fire Behavior According to DIN EN ISO 11925-2:2010:             | E              |
| Fire Behavior According to DIN 4102:                            | B2             |
| Raw Materials:                                                  | PES            |
| Filter Media Color:                                             | white          |
| Property:                                                       | mini-pleat     |
| Frame Type:                                                     | Plastic        |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 66  | 592 x 592 x 96                            | 6.60                | 2'000                 |
| 63  | 592 x 287 x 96                            | 3.20                | 970                   |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 33  | 287 x 287 x 96                            | 1.50                | 470                   |

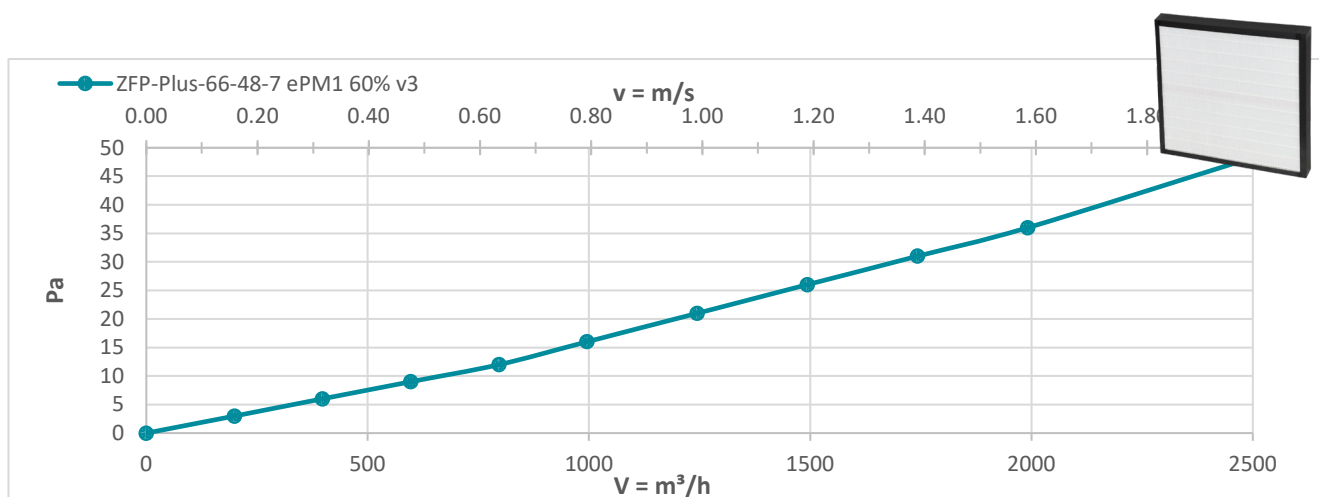


Test specimen 592 x 592 mm

| ZFP-Plus-66-25-7 ePM <sub>1</sub> 55%                           |                |
|-----------------------------------------------------------------|----------------|
| Dimensions (mm) Width x Height x Depth:                         | 592 x 592 x 25 |
| Filter Area (m²):                                               | 2.80           |
| Volume Flow (m³/h):                                             | 750            |
| Initial Pressure Differential (Pa):                             | 17             |
| Final pressure difference (Pa):                                 | 300            |
| Burst pressure (Pa):                                            | >600           |
| Filter class according to ISO 16890 ePM <sub>1</sub> :          | 60%            |
| Filterklasse nach ISO 16890 ePM <sub>2.5</sub> :                | 72%            |
| Filter class according to ISO 16890 ePM <sub>10</sub> :         | 88%            |
| Filter class according to ISO 16890 coarse:                     | 95%            |
| According to previous standard EN 779:2012 (valid until 06/18): | F7             |
| Dust Retention Capacity (g):                                    | 45.5           |
| Max. Operating Temperature (°C):                                | 80             |
| Fire Behavior According to DIN 53438:                           | F1             |
| Fire Rating (BKZ):                                              | 4.2            |
| Fire Behavior According to DIN EN ISO 11925-2:2010:             | E              |
| Fire Behavior According to DIN 4102:                            | B2             |
| Raw Materials:                                                  | PES            |
| Filter Media Color:                                             | white          |
| Property:                                                       | mini-pleat     |
| Frame Type:                                                     | Plastic        |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 66  | 592 x 592 x 25                            | 2.80                | 750                   |
| 63  | 592 x 287 x 25                            | 1.40                | 365                   |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 33  | 287 x 287 x 25                            | 0.67                | 175                   |

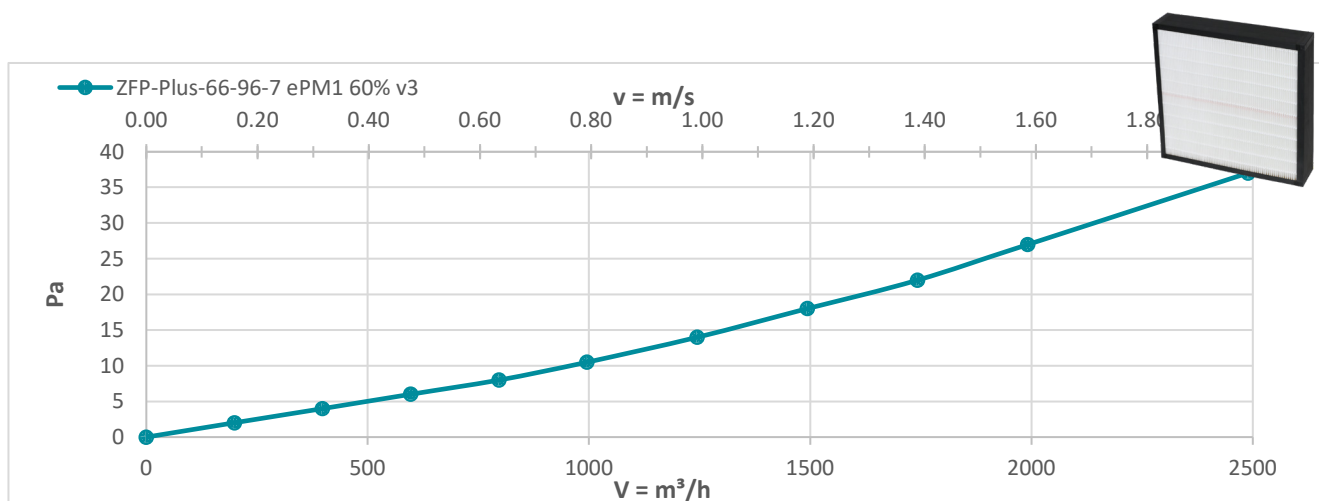
**Pleated cell filter with plastic frame ZFP-Plus-XX-48-7 ePM<sub>1</sub> 60% v3**

Test specimen 592 x 592 mm

| ZFP-Plus-66-48-7 ePM <sub>1</sub> 60% v3                        |                |
|-----------------------------------------------------------------|----------------|
| Dimensions (mm) Width x Height x Depth:                         | 592 x 592 x 48 |
| Filter Area (m²):                                               | 4.25           |
| Volume Flow (m³/h):                                             | 2'000          |
| Initial Pressure Differential (Pa):                             | 36             |
| Pressure loss at 0.944 m³/s:                                    | 72             |
| Final pressure difference (Pa):                                 | 300            |
| Burst pressure (Pa):                                            | >600           |
| Filter class according to ISO 16890 ePM <sub>1</sub> :          | 60%            |
| Filterklasse nach ISO 16890 ePM <sub>2,5</sub> :                | 72%            |
| Filter class according to ISO 16890 ePM <sub>10</sub> :         | 88%            |
| Filter class according to ISO 16890 coarse:                     | 95%            |
| According to previous standard EN 779:2012 (valid until 06/18): | F7             |
| Energy Rating nach Eurovent RS 4/C/001:                         | D              |
| Energy consumption (kWh/year, based on 6,000 hours):            | 1970           |
| Energy costs (EUR/kWh/year):                                    | 532            |
| Dust Retention Capacity (g):                                    | 75             |
| Max. Operating Temperature (°C):                                | 80             |
| Fire Behavior According to DIN 53438:                           | F1             |
| Fire Rating (BKZ):                                              | 4.2            |
| Fire Behavior According to DIN EN ISO 11925-2:2010:             | E              |
| Fire Behavior According to DIN 4102:                            | B2             |
| Raw Materials:                                                  | PES            |
| Filter Media Color:                                             | white          |
| Property:                                                       | mini-pleat     |
| Frame Type:                                                     | Plastic        |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 66  | 592 x 592 x 48                            | 4.25                | 2'000                 |
| 63  | 592 x 287 x 48                            | 2.06                | 970                   |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 33  | 287 x 287 x 48                            | 1.00                | 470                   |

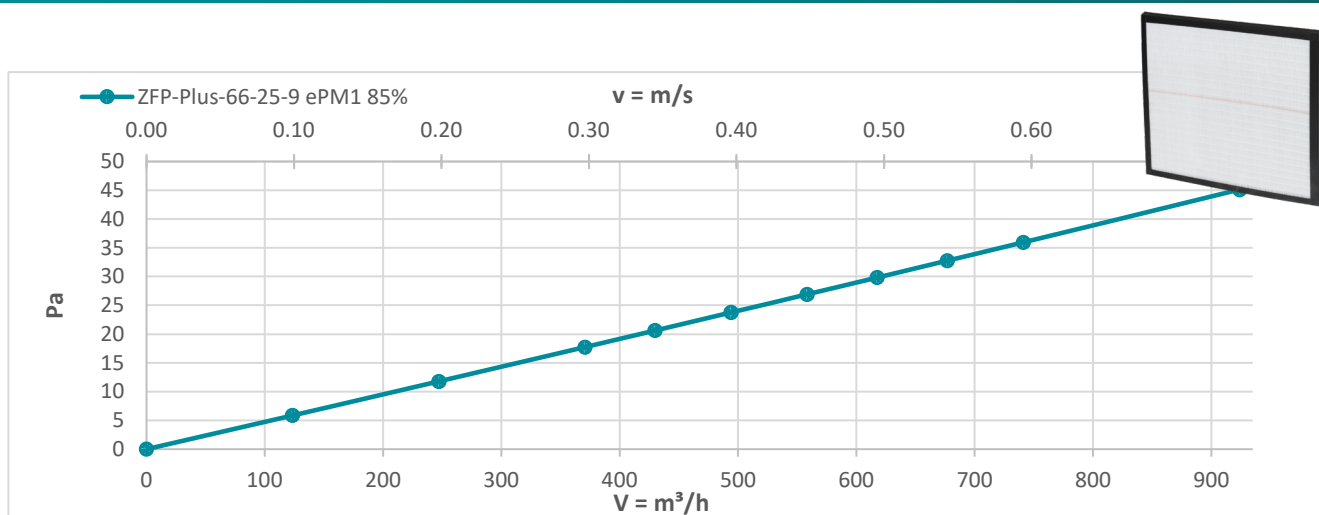
**Pleated cell filter with plastic frame ZFP-Plus-XX-96-7 ePM<sub>1</sub> 60% v3**

Test specimen 592 x 592 mm

| ZFP-Plus-66-96-7 ePM <sub>1</sub> 60% v3                        |                |
|-----------------------------------------------------------------|----------------|
| Dimensions (mm) Width x Height x Depth:                         | 592 x 592 x 96 |
| Filter Area (m <sup>2</sup> ):                                  | 6.60           |
| Volume Flow (m <sup>3</sup> /h):                                | 2'000          |
| Initial Pressure Differential (Pa):                             | 27             |
| Pressure loss at 0.944 m <sup>3</sup> /s:                       | 59             |
| Final pressure difference (Pa):                                 | 300            |
| Burst pressure (Pa):                                            | >600           |
| Filter class according to ISO 16890 ePM <sub>1</sub> :          | 60%            |
| Filterklasse nach ISO 16890 ePM <sub>2.5</sub> :                | 72%            |
| Filter class according to ISO 16890 ePM <sub>10</sub> :         | 88%            |
| Filter class according to ISO 16890 coarse:                     | 95%            |
| According to previous standard EN 779:2012 (valid until 06/18): | F7             |
| Energy Rating nach Eurovent RS 4/C/001:                         | D              |
| Energy consumption (kWh/year, based on 6,000 hours):            | 1780           |
| Energy costs (EUR/kWh/year):                                    | 481            |
| Dust Retention Capacity (g):                                    | 150.4          |
| Max. Operating Temperature (°C):                                | 80             |
| Fire Behavior According to DIN 53438:                           | F1             |
| Fire Rating (BKZ):                                              | 4.2            |
| Fire Behavior According to DIN EN ISO 11925-2:2010:             | D              |
| Fire Behavior According to DIN 4102:                            | B2             |
| Raw Materials:                                                  | PES            |
| Filter Media Color:                                             | white          |
| Property:                                                       | mini-pleat     |
| Frame Type:                                                     | Plastic        |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m <sup>2</sup> ) | Volume Flow<br>(m <sup>3</sup> /h) |
|-----|-------------------------------------------|----------------------------------|------------------------------------|
| 66  | 592 x 592 x 96                            | 6.60                             | 2'000                              |
| 63  | 592 x 287 x 96                            | 3.20                             | 970                                |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m <sup>2</sup> ) | Volume Flow<br>(m <sup>3</sup> /h) |
|-----|-------------------------------------------|----------------------------------|------------------------------------|
| 33  | 287 x 287 x 96                            | 1.50                             | 470                                |

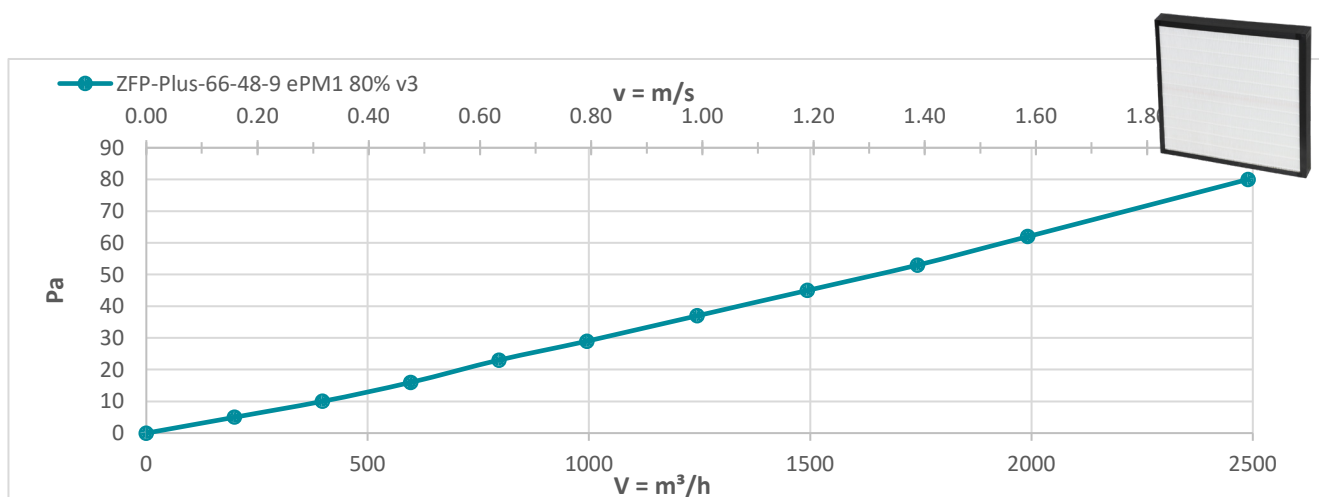
**Pleated cell filter with plastic frame ZFP-Plus-XX-25-9 ePM<sub>1</sub> 85%**

Test specimen 592 x 592 mm

| ZFP-Plus-66-25-9 ePM1 80%                                       |                |
|-----------------------------------------------------------------|----------------|
| Dimensions (mm) Width x Height x Depth:                         | 592 x 592 x 25 |
| Filter Area (m²):                                               | 2.80           |
| Volume Flow (m³/h):                                             | 750            |
| Initial Pressure Differential (Pa):                             | 36             |
| Final pressure difference (Pa):                                 | 300            |
| Burst pressure (Pa):                                            | >600           |
| Filter class according to ISO 16890 ePM <sub>1</sub> :          | 85%            |
| Filterklasse nach ISO 16890 ePM <sub>2.5</sub> :                | 90%            |
| Filter class according to ISO 16890 ePM <sub>10</sub> :         | 97%            |
| Filter class according to ISO 16890 coarse:                     | >99%           |
| According to previous standard EN 779:2012 (valid until 06/18): | F9             |
| Dust Retention Capacity (g):                                    | 9.6            |
| Max. Operating Temperature (°C):                                | 80             |
| Fire Behavior According to DIN 53438:                           | F1             |
| Fire Rating (BKZ):                                              | 4.2            |
| Fire Behavior According to DIN EN ISO 11925-2:2010:             | E              |
| Fire Behavior According to DIN 4102:                            | B2             |
| Raw Materials:                                                  | PES            |
| Filter Media Color:                                             | white          |
| Property:                                                       | mini-pleat     |
| Frame Type:                                                     | Plastic        |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 66  | 592 x 592 x 25                            | 2.80                | 750                   |
| 63  | 592 x 287 x 25                            | 1.40                | 365                   |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 33  | 287 x 287 x 25                            | 0.67                | 175                   |

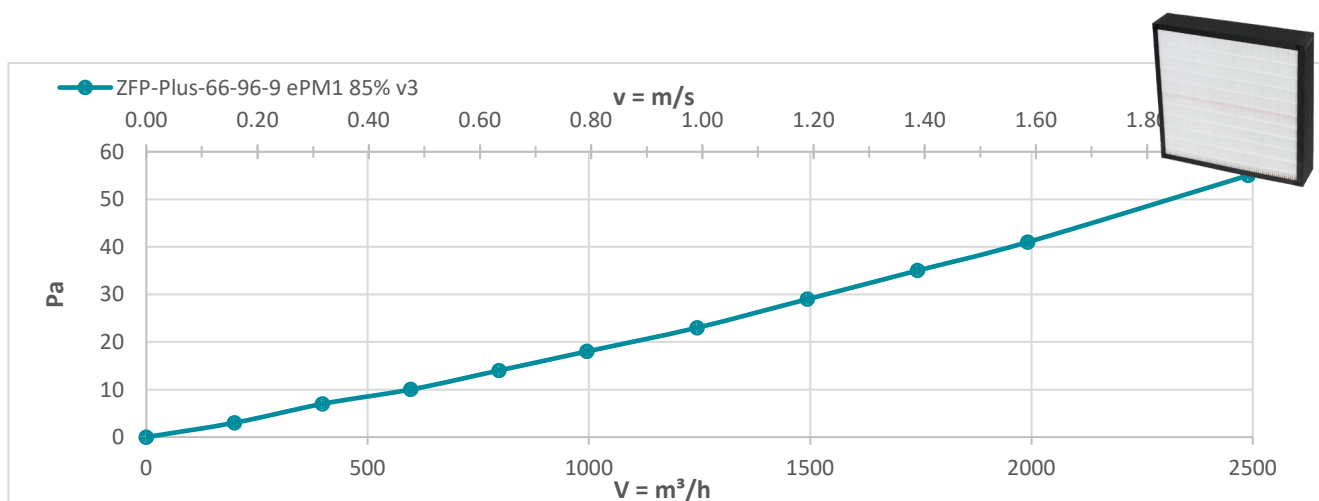
**Pleated cell filter with plastic frame ZFP-Plus-XX-48-9 ePM<sub>1</sub> 85% v3**

Test specimen 592 x 592 mm

| ZFP-Plus-66-48-9 ePM <sub>1</sub> 85% v3                        |                |
|-----------------------------------------------------------------|----------------|
| Dimensions (mm) Width x Height x Depth:                         | 592 x 592 x 48 |
| Filter Area (m²):                                               | 4.25           |
| Volume Flow (m³/h):                                             | 2'000          |
| Initial Pressure Differential (Pa):                             | 65             |
| Pressure loss at 0.944 m³/s:                                    | 115            |
| Final pressure difference (Pa):                                 | 300            |
| Burst pressure (Pa):                                            | >600           |
| Filter class according to ISO 16890 ePM <sub>1</sub> :          | 85%            |
| Filterklasse nach ISO 16890 ePM <sub>2,5</sub> :                | 90%            |
| Filter class according to ISO 16890 ePM <sub>10</sub> :         | 97%            |
| Filter class according to ISO 16890 coarse:                     | >99%           |
| According to previous standard EN 779:2012 (valid until 06/18): | F9             |
| Energy Rating nach Eurovent RS 4/C/001:                         | D              |
| Energy consumption (kWh/year, based on 6,000 hours):            | 2380           |
| Energy costs (EUR/kWh/year):                                    | 642            |
| Dust Retention Capacity (g):                                    | 40.2           |
| Max. Operating Temperature (°C):                                | 80             |
| Fire Behavior According to DIN 53438:                           | F1             |
| Fire Rating (BKZ):                                              | 4.2            |
| Fire Behavior According to DIN EN ISO 11925-2:2010:             | E              |
| Fire Behavior According to DIN 4102:                            | B2             |
| Raw Materials:                                                  | PES            |
| Filter Media Color:                                             | white          |
| Property:                                                       | mini-pleat     |
| Frame Type:                                                     | Plastic        |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 66  | 592 x 592 x 48                            | 4.25                | 2'000                 |
| 63  | 592 x 287 x 48                            | 2.06                | 970                   |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 33  | 287 x 287 x 48                            | 1.00                | 470                   |

**Pleated cell filter with plastic frame ZFP-Plus-XX-96-9 ePM<sub>1</sub> 85% v3**

Test specimen 592 x 592 mm

| ZFP-Plus-66-96-9 ePM <sub>1</sub> 85% v3                        |                |
|-----------------------------------------------------------------|----------------|
| Dimensions (mm) Width x Height x Depth:                         | 592 x 592 x 96 |
| Filter Area (m²):                                               | 6.60           |
| Volume Flow (m³/h):                                             | 2'000          |
| Initial Pressure Differential (Pa):                             | 45             |
| Pressure loss at 0.944 m³/s:                                    | 85             |
| Final pressure difference (Pa):                                 | 300            |
| Burst pressure (Pa):                                            | >600           |
| Filter class according to ISO 16890 ePM <sub>1</sub> :          | 85%            |
| Filterklasse nach ISO 16890 ePM <sub>2,5</sub> :                | 90%            |
| Filter class according to ISO 16890 ePM <sub>10</sub> :         | 97%            |
| Filter class according to ISO 16890 coarse:                     | >99%           |
| According to previous standard EN 779:2012 (valid until 06/18): | F9             |
| Energy Rating nach Eurovent RS 4/C/001:                         | D              |
| Energy consumption (kWh/year, based on 6,000 hours):            | 2060           |
| Energy costs (EUR/kWh/year):                                    | 556            |
| Dust Retention Capacity (g):                                    | 143.1          |
| Max. Operating Temperature (°C):                                | 80             |
| Fire Behavior According to DIN 53438:                           | F1             |
| Fire Rating (BKZ):                                              | 4.2            |
| Fire Behavior According to DIN EN ISO 11925-2:2010:             | E              |
| Fire Behavior According to DIN 4102:                            | B2             |
| Raw Materials:                                                  | PES            |
| Filter Media Color:                                             | white          |
| Property:                                                       | mini-pleat     |
| Frame Type:                                                     | Plastic        |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 66  | 592 x 592 x 96                            | 6.60                | 2'000                 |
| 63  | 592 x 287 x 96                            | 3.20                | 970                   |

| Typ | Dimensions (mm)<br>Width x Height x Depth | Filter Area<br>(m²) | Volume Flow<br>(m³/h) |
|-----|-------------------------------------------|---------------------|-----------------------|
| 33  | 287 x 287 x 96                            | 1.50                | 470                   |