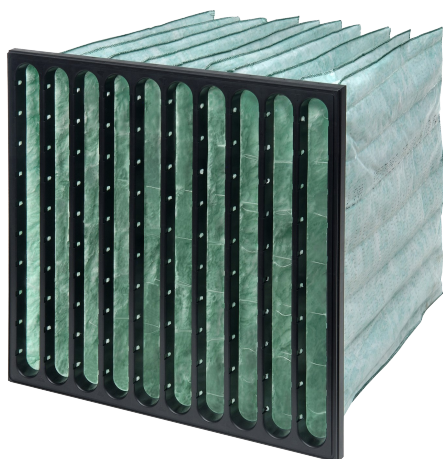




## ADVANTAGES

- Free of bisphenol-A, phthalate, and formaldehyde
- Tested for food safety acc. to EC 1935:2004
- Manufactured and packed in a controlled environment
- Packaging suitable for cleanroom unpacking
- Certification and test results available online
- ProSafe certified for Food & Beverage, Life Science, or close-to-product applications
- Chemically resistant to decontamination, inactivation, and cleaning agent
- Microbial inert components acc. to ISO 846
- Compliant with VDI 6022

|                                               |                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------|
| <b>Application</b>                            | Air conditioning applications and as pre filters for clean rooms                |
| <b>Frame</b>                                  | Plastic                                                                         |
| <b>Media</b>                                  | Glass fiber                                                                     |
| <b>Dimensions</b>                             | Filter front dimensions according EN 15805                                      |
| <b>Rec. final pressure drop acc. EN 13053</b> | Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower) |
| <b>Max airflow</b>                            | 1,25 x nominal flow                                                             |
| <b>Max Temperature (°C)</b>                   | 70°C                                                                            |
| <b>Relative Humidity max</b>                  | 100%                                                                            |
| <b>Installation Options</b>                   | Front and side access housings and frames are available.                        |

| Type                | EN779 | ISO 16890  | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Bags | Media area (m²) | Weight (kg) | Energy (kWh/year) | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|---------------------|-------|------------|-----------------------|---------------------------------|------|-----------------|-------------|-------------------|--------------|------|---------|--------|-----------|-------|
| 2550 592x592x640-10 | M6    | ePM2,5 50% | 592x592x640           | 3400/55                         | 10   | 7,5             | 2,3         | 748               | A            | 40   | 40      | 54     | 54        | 80    |
| 2550 490x592x640-8  | M6    | ePM2,5 50% | 490x592x640           | 2800/55                         | 8    | 6               | 1.6         |                   | A            |      |         |        |           |       |
| 2550 287x592x640-5  | M6    | ePM2,5 50% | 287x592x640           | 1700/55                         | 5    | 3.7             | 1.4         |                   | A            |      |         |        |           |       |
| 2550 592x490x640-10 | M6    | ePM2,5 50% | 592x490x640           | 2800/55                         | 10   | 6.2             | 1.6         |                   | A            |      |         |        |           |       |
| 2550 490x490x640-8  | M6    | ePM2,5 50% | 490x490x640           | 2330/55                         | 8    | 5               | 1.3         |                   | A            |      |         |        |           |       |
| 2550 592x287x640-10 | M6    | ePM2,5 50% | 592x287x640           | 1700/55                         | 10   | 3.7             | 1.4         |                   | A            |      |         |        |           |       |
| 2550 287x287x640-5  | M6    | ePM2,5 50% | 287x287x640           | 800/55                          | 5    | 1.9             | 0.8         |                   | A            |      |         |        |           |       |
| 2550 592x592x520-10 | M6    | ePM2,5 50% | 592x592x520           | 3400/60                         | 10   | 6.1             | 2.2         | 929               | B            | 40   | 40      | 54     | 54        | 80    |
| 2550 490x592x520-8  | M6    | ePM2,5 50% | 490x592x520           | 2800/60                         | 8    | 4.9             | 1.4         |                   | B            |      |         |        |           |       |
| 2550 287x592x520-5  | M6    | ePM2,5 50% | 287x592x520           | 1700/60                         | 5    | 3               | 1.3         |                   | B            |      |         |        |           |       |
| 2550 592x490x520-10 | M6    | ePM2,5 50% | 592x490x520           | 2800/60                         | 10   | 5               | 1.4         |                   | B            |      |         |        |           |       |
| 2550 490x490x520-8  | M6    | ePM2,5 50% | 490x490x520           | 2330/60                         | 8    | 4               | 1.2         |                   | B            |      |         |        |           |       |
| 2550 592x287x520-10 | M6    | ePM2,5 50% | 592x287x520           | 1700/60                         | 10   | 3               | 1.3         |                   | B            |      |         |        |           |       |
| 2550 287x287x520-5  | M6    | ePM2,5 50% | 287x287x520           | 800/60                          | 5    | 1.5             | 0.7         |                   | B            |      |         |        |           |       |
| 2550 592x592x370-10 | M6    | ePM2,5 50% | 592x592x370           | 3400/70                         | 10   | 4.3             | 2           | 1405              | D            | 40   | 40      | 54     | 54        | 80    |
| 2550 490x592x370-8  | M6    | ePM2,5 50% | 490x592x370           | 2800/70                         | 8    | 3.5             | 1.3         |                   | D            |      |         |        |           |       |

| Type                | EN779 | ISO 16890     | Dimensions WxHxD<br>(mm) | Airflow/pressure drop<br>(m³/h/Pa) | Bags | Media area<br>(m²) | Weight<br>(kg) | Energy<br>(kWh/year) | Energy<br>class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|---------------------|-------|---------------|--------------------------|------------------------------------|------|--------------------|----------------|----------------------|-----------------|------|---------|--------|-----------|-------|
| 2550 287x592x370-5  | M6    | ePM2,5<br>50% | 287x592x370              | 1700/70                            | 5    | 2.2                | 1.2            |                      | D               |      |         |        |           |       |
| 2550 592x490x370-10 | M6    | ePM2,5<br>50% | 592x490x370              | 2800/70                            | 10   | 3.6                | 1.2            |                      | D               |      |         |        |           |       |
| 2550 490x490x370-8  | M6    | ePM2,5<br>50% | 490x490x370              | 2330/70                            | 8    | 2.9                | 1              |                      | D               |      |         |        |           |       |
| 2550 592x287x370-10 | M6    | ePM2,5<br>50% | 592x287x370              | 1700/70                            | 10   | 2.1                | 1.2            |                      | D               |      |         |        |           |       |
| 2550 287x287x370-5  | M6    | ePM2,5<br>50% | 287x287x370              | 800/70                             | 5    | 1.1                | 0.7            |                      | D               |      |         |        |           |       |
| 0160 592x592x640-10 | F7    | ePM1 60%      | 592x592x640              | 3400/65                            | 10   | 7,5                | 2,3            | 811                  | A+              | 62   | 62      | 71     | 71        | 90    |
| 0160 490x592x640-8  | F7    | ePM1 60%      | 490x592x640              | 2800/65                            | 8    | 6                  | 1,6            |                      | A+              |      |         |        |           |       |
| 0160 287x592x640-5  | F7    | ePM1 60%      | 287x592x640              | 1700/65                            | 5    | 3,7                | 1,4            |                      | A+              |      |         |        |           |       |
| 0160 592x490x640-10 | F7    | ePM1 60%      | 592x490x640              | 2800/65                            | 10   | 6,2                | 1,6            |                      | A+              |      |         |        |           |       |
| 0160 490x490x640-8  | F7    | ePM1 60%      | 490x490x640              | 2330/65                            | 8    | 5                  | 1,3            |                      | A+              |      |         |        |           |       |
| 0160 592x287x640-10 | F7    | ePM1 60%      | 592x287x640              | 1700/65                            | 10   | 3,7                | 1,4            |                      | A+              |      |         |        |           |       |
| 0160 287x287x640-5  | F7    | ePM1 60%      | 287x287x640              | 800/65                             | 5    | 1,9                | 0,8            |                      | A+              |      |         |        |           |       |
| 0160 592x592x520-10 | F7    | ePM1 60%      | 592x592x520              | 3400/75                            | 10   | 6,1                | 2,2            | 943                  | A               | 62   | 62      | 71     | 71        | 90    |
| 0160 490x592x520-8  | F7    | ePM1 60%      | 490x592x520              | 2800/75                            | 8    | 4,9                | 1,4            |                      | A               |      |         |        |           |       |
| 0160 287x592x520-5  | F7    | ePM1 60%      | 287x592x520              | 1700/75                            | 5    | 3                  | 1,3            |                      | A               |      |         |        |           |       |
| 0160 592x490x520-10 | F7    | ePM1 60%      | 592x490x520              | 2800/75                            | 10   | 5                  | 1,4            |                      | A               |      |         |        |           |       |
| 0160 490x490x520-8  | F7    | ePM1 60%      | 490x490x520              | 2330/75                            | 8    | 4                  | 1,2            |                      | A               |      |         |        |           |       |
| 0160 592x287x520-10 | F7    | ePM1 60%      | 592x287x520              | 1700/75                            | 10   | 3                  | 1,3            |                      | A               |      |         |        |           |       |
| 0160 287x287x520-5  | F7    | ePM1 60%      | 287x287x520              | 800/75                             | 5    | 1,5                | 0,7            |                      | A               |      |         |        |           |       |
| 0160 592x592x370-10 | F7    | ePM1 60%      | 592x592x370              | 3400/100                           | 10   | 4,3                | 2              | 1389                 | C               | 62   | 62      | 71     | 71        | 90    |
| 0160 490x592x370-8  | F7    | ePM1 60%      | 490x592x370              | 2800/100                           | 8    | 3,5                | 1,3            |                      | C               |      |         |        |           |       |
| 0160 287x592x370-5  | F7    | ePM1 60%      | 287x592x370              | 1700/100                           | 5    | 2,2                | 1,2            |                      | C               |      |         |        |           |       |
| 0160 592x490x370-10 | F7    | ePM1 60%      | 592x490x370              | 2800/100                           | 10   | 2,9                | 1,2            |                      | C               |      |         |        |           |       |
| 0160 490x490x370-8  | F7    | ePM1 60%      | 490x490x370              | 2330/100                           | 8    | 2,9                | 1              |                      | C               |      |         |        |           |       |
| 0160 592x287x370-10 | F7    | ePM1 60%      | 592x287x370              | 1700/100                           | 10   | 2,1                | 1,2            |                      | C               |      |         |        |           |       |
| 0160 287x287x370-5  | F7    | ePM1 60%      | 287x287x370              | 800/100                            | 5    | 1,1                | 0,7            |                      | C               |      |         |        |           |       |
| 0170 592x592x640-10 |       | ePM1 70%      | 592x592x640              | 3400/85                            | 10   | 7.5                | 2.3            | 1065                 | A               | 70   | 70      | 79     | 79        | 93    |
| 0170 490x592x640-8  |       | ePM1 70%      | 490x592x640              | 2800/85                            | 8    | 6                  | 1.6            |                      | A               |      |         |        |           |       |
| 0170 287x592x640-5  |       | ePM1 70%      | 287x592x640              | 1700/85                            | 5    | 3.7                | 1.4            |                      | A               |      |         |        |           |       |
| 0170 592x490x640-10 |       | ePM1 70%      | 592x490x640              | 2800/85                            | 10   | 6.2                | 1.6            |                      | A               |      |         |        |           |       |
| 0170 490x490x640-8  |       | ePM1 70%      | 490x490x640              | 2330/85                            | 8    | 5                  | 1.3            |                      | A               |      |         |        |           |       |
| 0170 592x287x640-10 |       | ePM1 70%      | 592x287x640              | 1700/85                            | 10   | 3.7                | 1.4            |                      | A               |      |         |        |           |       |
| 0170 287x287x640-10 |       | ePM1 70%      | 287x287x640              | 800/85                             | 10   | 1.9                | 0.8            |                      | A               |      |         |        |           |       |
| 0170 592x592x520-10 |       | ePM1 70%      | 592x592x520              | 3400/100                           | 10   | 6.1                | 2.2            | 1196                 | B               | 70   | 70      | 78     | 78        | 93    |
| 0170 490x592x520-8  |       | ePM1 70%      | 490x592x520              | 2800/100                           | 8    | 4.9                | 1.4            |                      | B               |      |         |        |           |       |
| 0170 287x592x520-5  |       | ePM1 70%      | 287x592x520              | 1700/100                           | 5    | 3                  | 1.3            |                      | B               |      |         |        |           |       |
| 0170 592x490x520-10 |       | ePM1 70%      | 592x490x520              | 2800/100                           | 10   | 5                  | 1.4            |                      | B               |      |         |        |           |       |
| 0170 490x490x520-8  |       | ePM1 70%      | 490x490x520              | 2330/100                           | 8    | 4                  | 1.2            |                      | B               |      |         |        |           |       |
| 0170 592x287x520-10 |       | ePM1 70%      | 592x287x520              | 1700/100                           | 10   | 3                  | 1.3            |                      | B               |      |         |        |           |       |
| 0170 287x287x520-10 |       | ePM1 70%      | 287x287x520              | 800/100                            | 10   | 1.5                | 0.7            |                      | B               |      |         |        |           |       |
| 0185 592x592x640-10 | F9    | ePM1 85%      | 592x592x640              | 3400/120                           | 10   | 7,5                | 2,3            | 1474                 | C               | 87   | 87      | 91     | 91        | 98    |

| Type                | EN779 | ISO 16890 | Dimensions WxHxD<br>(mm) | Airflow/pressure drop<br>(m³/h/Pa) | Bags | Media area<br>(m²) | Weight<br>(kg) | Energy<br>(kWh/year) | Energy<br>class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|---------------------|-------|-----------|--------------------------|------------------------------------|------|--------------------|----------------|----------------------|-----------------|------|---------|--------|-----------|-------|
| 0185 490x592x640-8  | F9    | ePM1 85%  | 490x592x640              | 2800/120                           | 8    | 6                  | 1.6            |                      | C               |      |         |        |           |       |
| 0185 287x592x640-5  | F9    | ePM1 85%  | 287x592x640              | 1700/120                           | 5    | 3,7                | 1,4            |                      | C               |      |         |        |           |       |
| 0185 592x490x640-10 | F9    | ePM1 85%  | 592x490x640              | 2800/120                           | 10   | 6.2                | 1.6            |                      | C               |      |         |        |           |       |
| 0185 490x490x640-8  | F9    | ePM1 85%  | 490x490x640              | 2330/120                           | 8    | 5                  | 1.3            |                      | C               |      |         |        |           |       |
| 0185 592x287x640-10 | F9    | ePM1 85%  | 592x287x640              | 1700/120                           | 10   | 3.7                | 1.4            |                      | C               |      |         |        |           |       |
| 0185 287x287x640-5  | F9    | ePM1 85%  | 287x287x640              | 800/120                            | 5    | 1.9                | 0.8            |                      | C               |      |         |        |           |       |
| 0185 592x592x520-10 | F9    | ePM1 85%  | 592x592x520              | 3400/165                           | 10   | 6.1                | 2.2            | 2091                 | D               | 87   | 87      | 91     | 91        | 98    |
| 0185 490x592x520-8  | F9    | ePM1 85%  | 490x592x520              | 2800/165                           | 8    | 4.9                | 1.4            |                      | D               |      |         |        |           |       |
| 0185 287x592x520-5  | F9    | ePM1 85%  | 287x592x520              | 1700/165                           | 5    | 3                  | 1.3            |                      | D               |      |         |        |           |       |
| 0185 592x490x520-10 | F9    | ePM1 85%  | 592x490x520              | 2800/165                           | 10   | 5                  | 1.4            |                      | D               |      |         |        |           |       |
| 0185 490x490x520-8  | F9    | ePM1 85%  | 490x490x520              | 2330/165                           | 8    | 4                  | 1.2            |                      | D               |      |         |        |           |       |
| 0185 592x287x520-10 | F9    | ePM1 85%  | 592x287x520              | 1700/165                           | 10   | 3                  | 1.3            |                      | D               |      |         |        |           |       |
| 0185 287x287x520-5  | F9    | ePM1 85%  | 287x287x520              | 800/165                            | 5    | 1.5                | 0.7            |                      | D               |      |         |        |           |       |

Energy Consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2019

Energy class: according to Eurovent RS 4/C/001-2019

Certification and test results available online