



## ADVANTAGES

- Innovative pocket design for optimum air distribution
- Conical pockets
- Moulded, rigid and aerodynamic shaped plastic frame
- Less energy consumption
- Built using the latest glass fibre media
- Low initial pressure drop
- Flat pressure drop curve

|   |   |
|---|---|
| <b>Application</b>                            | Air conditioning applications and as pre filters for clean rooms                |
| <b>Type</b>                                   | Bag Filter  |
| <b>Frame</b>                                  | Plastic moulded   |
| <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>Temperature max</b>                        | 70°C  |
| <b>RH. max</b>                                | 100%  |
| <b>Installation Options</b>                   | Front and side access housings and frames are available                         |



| Type  | EN779 | ISO 16890  | Dimensions WxHxD (mm) | Air Flow/pressure drop (m³/h/Pa) | Bags | Media area (m²) | Weight (kg) | Energy (kWh/year) | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|-------|-------|------------|-----------------------|----------------------------------|------|-----------------|-------------|-------------------|--------------|------|---------|--------|-----------|-------|
| 5/640 | M5    | ePM10 60%  | 490x490x640           | 2330/40                          | 8    | 5               | 1,3         |                   | A            |      |         |        |           |       |
| 5/640 | M5    | ePM10 60%  | 592x287x640           | 1700/40                          | 10   | 3,7             | 1,4         |                   | A            |      |         |        |           |       |
| 5/640 | M5    | ePM10 60%  | 287x287x640           | 800/40                           | 5    | 1,9             | 0,8         |                   | A            |      |         |        |           |       |
| 5/640 | M5    | ePM10 60%  | 490x592x640           | 2700/40                          | 8    | 6               | 1,6         |                   | A            |      |         |        |           |       |
| 5/640 | M5    | ePM10 60%  | 287x592x640           | 1700/40                          | 5    | 3,7             | 1,4         |                   | A            |      |         |        |           |       |
| 5/640 | M5    | ePM10 60%  | 592x490x640           | 2700/40                          | 10   | 6,2             | 1,6         |                   | A            |      |         |        |           |       |
| 5/520 | M5    | ePM10 60%  | 592x592x520           | 3400/45                          | 10   | 6,1             | 2,2         | 612               | B            | 15   | 15      | 27     | 27        | 64    |
| 5/640 | M5    | ePM10 60%  | 592x592x640           | 3400/40                          | 10   | 7,5             | 2,3         | 544               | A            | 15   | 15      | 27     | 27        | 64    |
| 5/520 | M5    | ePM10 60%  | 592x490x520           | 2700/45                          | 10   | 5               | 1,4         |                   | B            |      |         |        |           |       |
| 5/520 | M5    | ePM10 60%  | 490x592x520           | 2700/45                          | 8    | 4,9             | 1,4         |                   | B            |      |         |        |           |       |
| 5/520 | M5    | ePM10 60%  | 287x592x520           | 1700/45                          | 5    | 3               | 1,3         |                   | B            |      |         |        |           |       |
| 5/370 | M5    | ePM10 60%  | 490x592x370           | 2700/50                          | 8    | 3,5             | 1,3         |                   | D            |      |         |        |           |       |
| 5/520 | M5    | ePM10 60%  | 592x287x520           | 1700/45                          | 10   | 3               | 1,3         |                   | B            |      |         |        |           |       |
| 5/520 | M5    | ePM10 60%  | 490x490x520           | 2330/45                          | 8    | 4               | 1,2         |                   | B            |      |         |        |           |       |
| 5/520 | M5    | ePM10 60%  | 287x287x520           | 800/45                           | 5    | 1,5             | 0,7         |                   | B            |      |         |        |           |       |
| 5/370 | M5    | ePM10 60%  | 287x592x370           | 1700/50                          | 5    | 2,2             | 1,2         |                   | D            |      |         |        |           |       |
| 5/370 | M5    | ePM10 60%  | 287x287x370           | 800/50                           | 5    | 1,1             | 0,7         |                   | D            |      |         |        |           |       |
| 5/370 | M5    | ePM10 60%  | 592x592x370           | 3400/50                          | 10   | 4,3             | 2           | 895               | D            | 15   | 15      | 27     | 27        | 64    |
| 5/370 | M5    | ePM10 60%  | 592x490x370           | 2700/50                          | 10   | 3,6             | 1,2         |                   | D            |      |         |        |           |       |
| 5/370 | M5    | ePM10 60%  | 490x490x370           | 2330/50                          | 8    | 2,9             | 1           |                   | D            |      |         |        |           |       |
| 5/370 | M5    | ePM10 60%  | 592x287x370           | 1700/50                          | 10   | 2,1             | 1,2         |                   | D            |      |         |        |           |       |
| 6/640 | M6    | ePM2,5 50% | 592x592x640           | 3400/55                          | 10   | 7,5             | 2,3         | 748               | A            | 40   | 40      | 54     | 54        | 80    |
| 6/640 | M6    | ePM2,5 50% | 490x592x640           | 2700/55                          | 8    | 6               | 1,6         |                   | A            |      |         |        |           |       |
| 6/640 | M6    | ePM2,5 50% | 287x592x640           | 1700/55                          | 5    | 3,7             | 1,4         |                   | A            |      |         |        |           |       |
| 6/640 | M6    | ePM2,5 50% | 287x287x640           | 800/55                           | 5    | 1,9             | 0,8         |                   | A            |      |         |        |           |       |
| 6/640 | M6    | ePM2,5 50% | 592x490x640           | 2700/55                          | 10   | 6,2             | 1,6         |                   | A            |      |         |        |           |       |
| 6/640 | M6    | ePM2,5 50% | 490x490x640           | 2330/55                          | 8    | 5               | 1,3         |                   | A            |      |         |        |           |       |
| 6/640 | M6    | ePM2,5 50% | 592x287x640           | 1700/55                          | 10   | 3,7             | 1,4         |                   | A            |      |         |        |           |       |
| 6/520 | M6    | ePM2,5 50% | 592x592x520           | 3400/65                          | 10   | 6,1             | 2,2         | 929               | B            | 40   | 40      | 54     | 54        | 80    |
| 6/520 | M6    | ePM2,5 50% | 287x592x520           | 1700/65                          | 5    | 3               | 1,3         |                   | B            |      |         |        |           |       |
| 6/520 | M6    | ePM2,5 50% | 592x490x520           | 2700/65                          | 10   | 5               | 1,4         |                   | B            |      |         |        |           |       |
| 6/520 | M6    | ePM2,5 50% | 287x287x520           | 800/65                           | 5    | 1,5             | 0,7         |                   | B            |      |         |        |           |       |
| 6/520 | M6    | ePM2,5 50% | 490x490x520           | 2330/65                          | 8    | 4               | 1,2         |                   | B            |      |         |        |           |       |
| 6/520 | M6    | ePM2,5 50% | 592x287x520           | 1700/65                          | 10   | 3               | 1,3         |                   | B            |      |         |        |           |       |
| 6/520 | M6    | ePM2,5 50% | 490x592x520           | 2700/65                          | 8    | 4,9             | 1,4         |                   | B            |      |         |        |           |       |
| 6/370 | M6    | ePM2,5 50% | 592x592x370           | 3400/80                          | 10   | 4,3             | 2           | 1405              | D            | 40   | 40      | 54     | 54        | 80    |
| 6/370 | M6    | ePM2,5 50% | 490x592x370           | 2700/80                          | 8    | 3,5             | 1,3         |                   | D            |      |         |        |           |       |

| Type     | EN779 | ISO 16890  | Dimensions WxHxD (mm) | Air Flow/pressure drop (m³/h/Pa) | Bags | Media area (m²) | Weight (kg) | Energy (kWh/year) | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|----------|-------|------------|-----------------------|----------------------------------|------|-----------------|-------------|-------------------|--------------|------|---------|--------|-----------|-------|
| 6/370    | M6    | ePM2,5 50% | 592x490x370           | 2700/80                          | 10   | 3,6             | 1,2         |                   | D            |      |         |        |           |       |
| 6/370    | M6    | ePM2,5 50% | 490x490x370           | 2330/80                          | 8    | 2,9             | 1           |                   | D            |      |         |        |           |       |
| 6/370    | M6    | ePM2,5 50% | 592x287x370           | 1700/80                          | 10   | 2,1             | 1,2         |                   | D            |      |         |        |           |       |
| 6/370    | M6    | ePM2,5 50% | 287x287x370           | 800/80                           | 5    | 1,1             | 0,7         |                   | D            |      |         |        |           |       |
| 6/370    | M6    | ePM2,5 50% | 287x592x370           | 1700/80                          | 5    | 2,2             | 1,2         |                   | D            |      |         |        |           |       |
| 7/670    | F7    | ePM1 60%   | 592x490x670           | 2700/65                          | 10   | 6,5             | 1,6         |                   | A+           |      |         |        |           |       |
| 7/670    | F7    | ePM1 60%   | 490x490x670           | 2330/65                          | 8    | 5,2             | 1,3         |                   | A+           |      |         |        |           |       |
| 7/670    | F7    | ePM1 60%   | 592x287x670           | 1700/65                          | 10   | 3,8             | 1,4         |                   | A+           |      |         |        |           |       |
| 7/640    | F7    | ePM1 60%   | 592x490x640           | 2700/70                          | 10   | 6,2             | 1,6         |                   | A            |      |         |        |           |       |
| 7/640    | F7    | ePM1 60%   | 490x490x640           | 2330/70                          | 8    | 5               | 1,3         |                   | A            |      |         |        |           |       |
| 7/640    | F7    | ePM1 60%   | 592x287x640           | 1700/70                          | 10   | 3,7             | 1,4         |                   | A            |      |         |        |           |       |
| 7/520    | F7    | ePM1 60%   | 592x490x520           | 2700/75                          | 10   | 5               | 1,4         |                   | B            |      |         |        |           |       |
| 7/520    | F7    | ePM1 60%   | 490x490x520           | 2330/75                          | 8    | 4               | 1,2         |                   | B            |      |         |        |           |       |
| 7/520    | F7    | ePM1 60%   | 592x287x520           | 1700/75                          | 10   | 3               | 1,3         |                   | B            |      |         |        |           |       |
| 7/370    | F7    | ePM1 60%   | 592x490x370           | 2700/100                         | 10   | 3,6             | 1,2         |                   | D            |      |         |        |           |       |
| 7/370    | F7    | ePM1 60%   | 490x490x370           | 2330/100                         | 8    | 2,9             | 1           |                   | D            |      |         |        |           |       |
| 7/370    | F7    | ePM1 60%   | 592x287x370           | 1700/100                         | 10   | 2,1             | 1,2         |                   | D            |      |         |        |           |       |
| 7/670    | F7    | ePM1 60%   | 592x592x670           | 3400/65                          | 10   | 7,9             | 2,3         | 838               | A+           | 62   | 62      | 71     | 71        | 90    |
| 7/670    | F7    | ePM1 60%   | 490x592x670           | 2700/65                          | 8    | 6,3             | 1,6         |                   | A+           |      |         |        |           |       |
| 7/670    | F7    | ePM1 60%   | 287x592x670           | 1700/65                          | 5    | 3,8             | 1,4         |                   | A+           |      |         |        |           |       |
| 7/670    | F7    | ePM1 60%   | 287x287x670           | 800/65                           | 5    | 1,9             | 0,8         |                   | A+           |      |         |        |           |       |
| 7/640    | F7    | ePM1 60%   | 592x592x640           | 3400/70                          | 10   | 7,5             | 2,3         | 918               | A            | 62   | 62      | 71     | 71        | 90    |
| 7/640    | F7    | ePM1 60%   | 490x592x640           | 2700/70                          | 8    | 6               | 1,6         |                   | A            |      |         |        |           |       |
| 7/640    | F7    | ePM1 60%   | 287x592x640           | 1700/70                          | 5    | 3,7             | 1,4         |                   | A            |      |         |        |           |       |
| 7/640    | F7    | ePM1 60%   | 287x287x640           | 800/70                           | 5    | 1,9             | 0,8         |                   | A            |      |         |        |           |       |
| 7/520    | F7    | ePM1 60%   | 592x592x520           | 3400/75                          | 10   | 6,1             | 2,2         | 1031              | B            | 62   | 62      | 71     | 71        | 90    |
| 7/520    | F7    | ePM1 60%   | 490x592x520           | 2700/75                          | 8    | 4,9             | 1,4         |                   | B            |      |         |        |           |       |
| 7/520    | F7    | ePM1 60%   | 287x592x520           | 1700/75                          | 5    | 3               | 1,3         |                   | B            |      |         |        |           |       |
| 7/520    | F7    | ePM1 60%   | 287x287x520           | 800/75                           | 5    | 1,5             | 0,7         |                   | B            |      |         |        |           |       |
| 7/370    | F7    | ePM1 60%   | 592x592x370           | 3400/100                         | 10   | 4,3             | 2           | 1643              | D            | 62   | 62      | 71     | 71        | 90    |
| 7/370    | F7    | ePM1 60%   | 490x592x370           | 2700/100                         | 8    | 3,5             | 1,3         |                   | D            |      |         |        |           |       |
| 7/370    | F7    | ePM1 60%   | 287x592x370           | 1700/100                         | 5    | 2,2             | 1,2         |                   | D            |      |         |        |           |       |
| 7/370    | F7    | ePM1 60%   | 287x287x370           | 800/100                          | 5    | 1,1             | 0,7         |                   | D            |      |         |        |           |       |
| 0170/640 |       | ePM1 70%   | 592x592x640           | 3400/95                          | 10   | 7,5             | 2,3         | 1213              | B            | 70   | 70      | 78     | 78        | 93    |
| 0170/640 |       | ePM1 70%   | 490x592x640           | 2700/95                          | 8    | 6               | 1,6         |                   | B            |      |         |        |           |       |
| 0170/640 |       | ePM1 70%   | 287x592x640           | 1700/95                          | 5    | 3,7             | 1,4         |                   | B            |      |         |        |           |       |
| 0170/640 |       | ePM1 70%   | 592x287x640           | 1700/95                          | 10   | 3,7             | 1,4         |                   | B            |      |         |        |           |       |
| 0170/640 |       | ePM1 70%   | 287x287x640           | 800/95                           | 5    | 1,9             | 0,8         |                   | B            |      |         |        |           |       |
| 0170/640 |       | ePM1 70%   | 592x490x640           | 2700/95                          | 10   | 6,2             | 1,6         |                   | B            |      |         |        |           |       |
| 0170/640 |       | ePM1 70%   | 490x490x640           | 2330/95                          | 8    | 5               | 1,3         |                   | B            |      |         |        |           |       |
| 0170/520 |       | ePM1 70%   | 592x592x520           | 3400/115                         | 10   | 6,1             | 2,2         | 1462              | C            | 70   | 70      | 78     | 78        | 93    |
| 0170/520 |       | ePM1 70%   | 490x592x520           | 2700/115                         | 8    | 4,9             | 1,4         |                   | C            |      |         |        |           |       |
| 0170/520 |       | ePM1 70%   | 287x592x520           | 1700/115                         | 5    | 3               | 1,3         |                   | C            |      |         |        |           |       |
| 0170/520 |       | ePM1 70%   | 592x287x520           | 1700/115                         | 10   | 3               | 1,3         |                   | C            |      |         |        |           |       |
| 0170/520 |       | ePM1 70%   | 287x287x520           | 800/115                          | 5    | 1,5             | 0,7         |                   | C            |      |         |        |           |       |
| 0170/520 |       | ePM1 70%   | 592x490x520           | 2700/115                         | 10   | 5               | 1,4         |                   | C            |      |         |        |           |       |
| 0170/520 |       | ePM1 70%   | 490x490x520           | 2330/115                         | 8    | 4               | 1,2         |                   | C            |      |         |        |           |       |
| 9/640    | F9    | ePM1 85%   | 592x592x640           | 3400/160                         | 10   | 7,5             | 1,6         | 2016              | D            | 87   | 87      | 91     | 91        | 98    |
| 9/640    | F9    | ePM1 85%   | 490x592x640           | 2700/160                         | 8    | 6               | 1,6         |                   | D            |      |         |        |           |       |
| 9/640    | F9    | ePM1 85%   | 287x592x640           | 1700/160                         | 5    | 3,7             | 1,4         |                   | D            |      |         |        |           |       |
| 9/640    | F9    | ePM1 85%   | 287x287x640           | 800/160                          | 5    | 1,9             | 0,8         |                   | D            |      |         |        |           |       |
| 9/640    | F9    | ePM1 85%   | 592x287x640           | 1700/160                         | 10   | 3,7             | 1,4         |                   | D            |      |         |        |           |       |
| 9/640    | F9    | ePM1 85%   | 592x490x640           | 2700/160                         | 10   | 6,2             | 1,6         |                   | D            |      |         |        |           |       |
| 9/640    | F9    | ePM1 85%   | 490x490x640           | 2330/160                         | 8    | 5               | 1,3         |                   | D            |      |         |        |           |       |
| 9/520    | F9    | ePM1 85%   | 592x592x520           | 3400/160                         | 10   | 6,1             | 2,2         | 2130              | D            | 87   | 87      | 91     | 91        | 98    |
| 9/520    | F9    | ePM1 85%   | 490x592x520           | 2700/160                         | 8    | 4,9             | 1,4         |                   | D            |      |         |        |           |       |
| 9/520    | F9    | ePM1 85%   | 287x592x520           | 1700/160                         | 5    | 3               | 1,3         |                   | D            |      |         |        |           |       |
| 9/520    | F9    | ePM1 85%   | 287x287x520           | 800/160                          | 5    | 1,5             | 0,7         |                   | D            |      |         |        |           |       |
| 9/520    | F9    | ePM1 85%   | 592x287x520           | 1700/160                         | 10   | 3               | 1,3         |                   | D            |      |         |        |           |       |
| 9/520    | F9    | ePM1 85%   | 592x490x520           | 2700/160                         | 10   | 5               | 1,4         |                   | D            |      |         |        |           |       |
| 9/520    | F9    | ePM1 85%   | 490x490x520           | 2330/160                         | 8    | 4               | 1,2         |                   | D            |      |         |        |           |       |

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

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

