



ADVANTAGES

- Conical pockets and self-supporting bags
- High mechanical strength
- High dust holding capacity
- Filter material of advanced synthetic fibre media
- Low initial pressure drop

| | |
|---|---|
| Application | Air filtering in standard ventilation systems. |
| Frame | Metal |
| Media | Synthetic |
| Dimensions | Filter front dimensions according EN 15805 |
| Rec. final pressure drop acc. EN 13053 | Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower) |
| Max airflow | 1,25 x nominal flow |
| Max Temperature (°C) | 70°C |
| Relative Humidity max | 90% |
| Installation Options | Front and side access housings and frames are available |



EPD[®]

| Type | ISO16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m ³ /h/Pa) | Bags | Area (m ²) | Weight (kg) | Energy consumption | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|---------------------|----------|-----------------------|--|------|------------------------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|
| 0160 592x592x640-10 | ePM1 60% | 592x592x640 | 3400/60 | 10 | 7.5 | 4 | 733 | A+ | 63 | 50 | 72 | 62 | 90 |
| 0160 592x287x640-10 | ePM1 60% | 592x287x640 | 1700/60 | 10 | 3.8 | 2.5 | | A+ | | | | | |
| 0160 592x490x640-10 | ePM1 60% | 592x490x640 | 2800/60 | 10 | 6.3 | 3.6 | | A+ | | | | | |
| 0160 490x592x640-8 | ePM1 60% | 490x592x640 | 2800/60 | 8 | 6.3 | 3.6 | | A+ | | | | | |
| 0160 490x490x640-8 | ePM1 60% | 490x490x640 | 2330/60 | 8 | 5 | 3.3 | | A+ | | | | | |
| 0160 287x592x640-5 | ePM1 60% | 287x592x640 | 1700/60 | 5 | 3.8 | 2.5 | | A+ | | | | | |
| 0160 287x287x640-5 | ePM1 60% | 287x287x640 | 800/60 | 5 | 1.9 | 1.7 | | A+ | | | | | |
| 0160 592x592x520-10 | ePM1 60% | 592x592x520 | 3400/70 | 10 | 6.1 | 3.7 | 990 | B | 63 | 50 | 72 | 62 | 90 |
| 0160 592x490x520-10 | ePM1 60% | 592x490x520 | 2800/70 | 10 | 5.1 | 3.3 | | B | | | | | |
| 0160 592x287x520-10 | ePM1 60% | 592x287x520 | 1700/70 | 10 | 3.1 | 2.4 | | B | | | | | |
| 0160 490x592x520-8 | ePM1 60% | 490x592x520 | 2800/70 | 8 | 5.1 | 3.3 | | B | | | | | |
| 0160 490x490x520-8 | ePM1 60% | 490x490x520 | 2330/70 | 8 | 4.1 | 3.1 | | B | | | | | |
| 0160 287x592x520-5 | ePM1 60% | 287x592x520 | 1700/70 | 5 | 3.1 | 2.4 | | B | | | | | |
| 0160 287x287x520-5 | ePM1 60% | 287x287x520 | 800/70 | 5 | 1.5 | 1.6 | | B | | | | | |
| 0160 592x592x370-10 | ePM1 60% | 592x592x370 | 3400/95 | 10 | 4.3 | 3.4 | 1449 | C | 63 | 50 | 72 | 62 | 90 |
| 0160 592x490x370-10 | ePM1 60% | 592x490x370 | 2800/95 | 10 | 3.6 | 3.1 | | C | | | | | |
| 0160 592x287x370-10 | ePM1 60% | 592x287x370 | 1700/95 | 10 | 2.2 | 2.2 | | C | | | | | |
| 0160 490x592x370-8 | ePM1 60% | 490x592x370 | 2800/95 | 8 | 3.6 | 3.1 | | C | | | | | |
| 0160 490x490x370-8 | ePM1 60% | 490x490x370 | 2330/95 | 8 | 2.9 | 2.9 | | C | | | | | |
| 0160 287x592x370-5 | ePM1 60% | 287x592x370 | 1700/95 | 5 | 2.2 | 2.2 | | C | | | | | |
| 0160 287x287x370-5 | ePM1 60% | 287x287x370 | 800/95 | 5 | 1.1 | 2.1 | | C | | | | | |
| 0170 592x592x640-10 | ePM1 70% | 592x592x640 | 3400/55 | 10 | 8 | 3.1 | 672 | A+ | 70 | 55 | 78 | 65 | 92 |
| 0170 592x490x640-10 | ePM1 70% | 592x490x640 | 2800/60 | 10 | 6.7 | 2.7 | | A+ | | | | | |
| 0170 592x287x640-10 | ePM1 70% | 592x287x640 | 1700/60 | 10 | 4.1 | 2.1 | | A+ | | | | | |
| 0170 490x592x640-8 | ePM1 70% | 490x592x640 | 2800/60 | 8 | 6.4 | 2.4 | | A+ | | | | | |
| 0170 490x490x640-8 | ePM1 70% | 490x490x640 | 2330/60 | 8 | 5.4 | 2.2 | | A+ | | | | | |
| 0170 287x592x640-5 | ePM1 70% | 287x592x640 | 1700/60 | 5 | 4 | 1.5 | | A+ | | | | | |
| 0170 287x287x640-5 | ePM1 70% | 287x287x640 | 800/60 | 5 | 2 | 0.9 | | A+ | | | | | |
| 0170 592x592x640-6 | ePM1 70% | 592x592x640 | 3400/65 | 6 | 5.1 | 2.2 | 1011 | A | 70 | 55 | 78 | 65 | 92 |
| 0170 592x490x640-6 | ePM1 70% | 592x490x640 | 2800/65 | 6 | 4.3 | 2 | | A | | | | | |

| Type | ISO16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m ³ /h/Pa) | Bags | Area (m ²) | Weight (kg) | Energy consumption | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|---------------------|----------|-----------------------|--|------|------------------------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|
| 0170 592x287x640-6 | ePM1 70% | 592x287x640 | 1700/65 | 6 | 2.8 | 1.5 | | A | | | | | |
| 0170 490x592x640-5 | ePM1 70% | 490x592x640 | 2800/65 | 5 | 4.2 | 1.8 | | A | | | | | |
| 0170 490x490x640-5 | ePM1 70% | 490x490x640 | 2330/65 | 5 | 3.6 | 1.6 | | A | | | | | |
| 0170 287x592x640-3 | ePM1 70% | 287x592x640 | 1700/65 | 3 | 2.5 | 1.2 | | A | | | | | |
| 0170 287x287x640-3 | ePM1 70% | 287x287x640 | 800/65 | 3 | 1.4 | 0.7 | | A | | | | | |
| 0170 592x592x520-10 | ePM1 70% | 592x592x520 | 3400/65 | 10 | 6.5 | 2.8 | 850 | A+ | 70 | 55 | 78 | 65 | 92 |
| 0170 592x490x520-10 | ePM1 70% | 592x490x520 | 2800/65 | 10 | 5.4 | 2.5 | | A+ | | | | | |
| 0170 592x287x520-10 | ePM1 70% | 592x287x520 | 1700/65 | 10 | 3.4 | 2 | | A+ | | | | | |
| 0170 490x592x520-8 | ePM1 70% | 490x592x520 | 2800/65 | 8 | 5.2 | 2.2 | | A+ | | | | | |
| 0170 490x490x520-8 | ePM1 70% | 490x490x520 | 2330/65 | 8 | 4.4 | 2 | | A+ | | | | | |
| 0170 287x592x520-5 | ePM1 70% | 287x592x520 | 1700/65 | 5 | 3.2 | 1.4 | | A+ | | | | | |
| 0170 287x287x520-5 | ePM1 70% | 287x287x520 | 800/65 | 5 | 1.6 | 0.9 | | A+ | | | | | |
| 0170 592x592x520-6 | ePM1 70% | 592x592x520 | 3400/80 | 6 | 4.1 | 2 | 1289 | C | 70 | 55 | 78 | 65 | 92 |
| 0170 592x490x520-6 | ePM1 70% | 592x490x520 | 2800/80 | 6 | 3.5 | 1.8 | | C | | | | | |
| 0170 592x287x520-6 | ePM1 70% | 592x287x520 | 1700/80 | 6 | 2.3 | 1.4 | | C | | | | | |
| 0170 490x592x520-5 | ePM1 70% | 490x592x520 | 2800/80 | 5 | 3.4 | 1.7 | | C | | | | | |
| 0170 490x490x520-5 | ePM1 70% | 490x490x520 | 2330/80 | 5 | 2.9 | 1.5 | | C | | | | | |
| 0170 287x592x520-3 | ePM1 70% | 287x592x520 | 1700/80 | 3 | 2 | 1.1 | | C | | | | | |
| 0170 287x287x520-3 | ePM1 70% | 287x287x520 | 800/80 | 3 | 1.1 | 0.7 | | C | | | | | |
| 0170 592x592x370-10 | ePM1 70% | 592x592x370 | 3400/80 | 10 | 4.6 | 2.4 | 1250 | B | 70 | 55 | 78 | 65 | 92 |
| 0170 592x490x370-10 | ePM1 70% | 592x490x370 | 2800/80 | 10 | 3.8 | 2.2 | | B | | | | | |
| 0170 592x287x370-10 | ePM1 70% | 592x287x370 | 1700/80 | 10 | 2.4 | 1.8 | | B | | | | | |
| 0170 490x592x370-8 | ePM1 70% | 490x592x370 | 2800/80 | 8 | 3.7 | 1.9 | | B | | | | | |
| 0170 490x490x370-8 | ePM1 70% | 490x490x370 | 2330/80 | 8 | 3.1 | 1.7 | | B | | | | | |
| 0170 287x592x370-5 | ePM1 70% | 287x592x370 | 1700/80 | 5 | 2.3 | 1.2 | | B | | | | | |
| 0170 287x287x370-5 | ePM1 70% | 287x287x370 | 800/80 | 5 | 1.2 | 0.8 | | B | | | | | |
| 0170 592x592x370-6 | ePM1 70% | 592x592x370 | 3400/105 | 6 | 2.9 | 1.8 | >2150 | E | 70 | 55 | 78 | 65 | 92 |
| 0170 592x490x370-6 | ePM1 70% | 592x490x370 | 2800/105 | 6 | 2.5 | 1.6 | | E | | | | | |
| 0170 592x287x370-6 | ePM1 70% | 592x287x370 | 1700/105 | 6 | 1.6 | 1.3 | | E | | | | | |
| 0170 490x592x370-5 | ePM1 70% | 490x592x370 | 2800/105 | 5 | 2.4 | 1.5 | | E | | | | | |
| 0170 490x490x370-5 | ePM1 70% | 490x490x370 | 2330/105 | 5 | 2.1 | 1.3 | | E | | | | | |
| 0170 287x592x370-3 | ePM1 70% | 287x592x370 | 1700/105 | 3 | 1.4 | 1 | | E | | | | | |
| 0170 287x287x370-3 | ePM1 70% | 287x287x370 | 800/105 | 3 | 0.8 | 0.6 | | E | | | | | |
| 0185 592x592x640-10 | ePM1 85% | 592x592x640 | 3400/75 | 10 | 7.5 | 4 | 1003 | A+ | 87 | 82 | 90 | 87 | 96 |
| 0185 592x490x640-10 | ePM1 85% | 592x490x640 | 2800/75 | 10 | 6.3 | 3.6 | | A+ | | | | | |
| 0185 592x287x640-10 | ePM1 85% | 592x287x640 | 1700/75 | 10 | 3.8 | 2.5 | | A+ | | | | | |
| 0185 490x592x640-8 | ePM1 85% | 490x592x640 | 2800/75 | 8 | 6.3 | 3.6 | | A+ | | | | | |
| 0185 490x490x640-8 | ePM1 85% | 490x490x640 | 2330/75 | 8 | 5 | 3.3 | | A+ | | | | | |
| 0185 287x592x640-5 | ePM1 85% | 287x592x640 | 1700/75 | 5 | 3.8 | 2.5 | | A+ | | | | | |
| 0185 287x287x640-5 | ePM1 85% | 287x287x640 | 800/75 | 5 | 1.9 | 1.7 | | A+ | | | | | |
| 0185 592x592x520-10 | ePM1 85% | 592x592x520 | 3400/85 | 10 | 6.1 | 3.7 | 1144 | A | 87 | 82 | 90 | 87 | 96 |
| 0185 592x490x520-10 | ePM1 85% | 592x490x520 | 2800/85 | 10 | 5.1 | 3.3 | | A | | | | | |
| 0185 592x287x520-10 | ePM1 85% | 592x287x520 | 1700/85 | 10 | 3.1 | 2.4 | | A | | | | | |
| 0185 490x592x520-8 | ePM1 85% | 490x592x520 | 2800/85 | 8 | 5.1 | 3.3 | | A | | | | | |
| 0185 490x490x520-8 | ePM1 85% | 490x490x520 | 2330/85 | 8 | 4.1 | 3.1 | | A | | | | | |
| 0185 287x592x520-5 | ePM1 85% | 287x592x520 | 1700/85 | 5 | 3.1 | 2.4 | | A | | | | | |
| 0185 287x287x520-5 | ePM1 85% | 287x287x520 | 800/85 | 5 | 1.5 | 1.6 | | A | | | | | |
| 0185 592x592x370-10 | ePM1 85% | 592x592x370 | 3400/120 | 10 | 4.3 | 3.4 | 1926 | D | 87 | 82 | 90 | 87 | 96 |
| 0185 592x490x370-10 | ePM1 85% | 592x490x370 | 2800/120 | 10 | 3.6 | 3.1 | | D | | | | | |
| 0185 592x287x370-10 | ePM1 85% | 592x287x370 | 1700/120 | 10 | 2.2 | 2.2 | | D | | | | | |
| 0185 490x592x370-8 | ePM1 85% | 490x592x370 | 2800/120 | 8 | 3.6 | 3.1 | | D | | | | | |
| 0185 490x490x370-8 | ePM1 85% | 490x490x370 | 2330/120 | 8 | 2.9 | 2.9 | | D | | | | | |
| 0185 287x592x370-5 | ePM1 85% | 287x592x370 | 1700/120 | 5 | 2.2 | 2.2 | | D | | | | | |
| 0185 287x287x370-5 | ePM1 85% | 287x287x370 | 800/120 | 5 | 1.1 | 2.1 | | D | | | | | |

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

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