



ADVANTAGES

- Lowest labour cost thanks to less frequent filter changes
- Conical and tapered pocket shape for improved airflow
- Fully incinerable with the plastic frame
- Lowest energy consumption and initial pressure drop.
- Extended operating life with the best total cost of ownership (TCO)

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|---|---|
| Application | Air conditioning applications and as pre filters for clean rooms |
| Frame | Plastic moulded |
| Media | Glass fiber |
| 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 | 100% |
| Installation Options | Front and side access housings and frames are available |



EPD[®]

| Type | EN779 | ISO16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Bags | Area (m²) | Weight (kg) | Energy consumption | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|-------|-------|------------|-----------------------|---------------------------------|------|-----------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|
| 5/640 | M5 | ePM10 60% | 592x592x640 | 3400/35 | 10 | 7,5 | 2,3 | 474 | A+ | 15 | 15 | 27 | 27 | 64 |
| 5/640 | M5 | ePM10 60% | 490x592x640 | 2800/35 | 8 | 6 | 1,6 | | A+ | | | | | |
| 5/640 | M5 | ePM10 60% | 287x592x640 | 1700/35 | 5 | 3,7 | 1,4 | | A+ | | | | | |
| 5/640 | M5 | ePM10 60% | 592x490x640 | 2800/35 | 10 | 6,2 | 1,6 | | A+ | | | | | |
| 5/640 | M5 | ePM10 60% | 490x490x640 | 2330/35 | 8 | 5 | 1,3 | | A+ | | | | | |
| 5/640 | M5 | ePM10 60% | 592x287x640 | 1700/35 | 10 | 3,7 | 1,4 | | A+ | | | | | |
| 5/640 | M5 | ePM10 60% | 287x287x640 | 800/35 | 5 | 1,9 | 0,8 | | A+ | | | | | |
| 5/520 | M5 | ePM10 60% | 592x592x520 | 3400/40 | 10 | 6,1 | 2,2 | 568 | A | 15 | 15 | 27 | 27 | 64 |
| 5/520 | M5 | ePM10 60% | 490x592x520 | 2800/40 | 8 | 4,9 | 1,4 | | A | | | | | |
| 5/520 | M5 | ePM10 60% | 287x592x520 | 1700/40 | 5 | 3 | 1,3 | | A | | | | | |
| 5/520 | M5 | ePM10 60% | 592x287x520 | 1700/40 | 10 | 3 | 1,3 | | A | | | | | |
| 5/520 | M5 | ePM10 60% | 287x287x520 | 800/40 | 5 | 1,5 | 0,7 | | A | | | | | |
| 5/370 | M5 | ePM10 60% | 592x592x370 | 3400/45 | 10 | 4,3 | 2 | 797 | C | 15 | 15 | 27 | 27 | 64 |
| 5/370 | M5 | ePM10 60% | 490x592x370 | 2800/45 | 8 | 3,5 | 1,3 | | C | | | | | |
| 5/370 | M5 | ePM10 60% | 287x592x370 | 1700/45 | 5 | 2,2 | 1,2 | | C | | | | | |
| 5/370 | M5 | ePM10 60% | 592x490x370 | 2800/45 | 10 | 3,6 | 1,2 | | C | | | | | |
| 5/370 | M5 | ePM10 60% | 490x490x370 | 2330/45 | 8 | 2,9 | 1 | | C | | | | | |
| 5/370 | M5 | ePM10 60% | 592x287x370 | 1700/45 | 10 | 2,1 | 1,2 | | C | | | | | |
| 5/370 | M5 | ePM10 60% | 287x287x370 | 800/45 | 5 | 1,1 | 0,7 | | C | | | | | |
| 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 | 2800/55 | 8 | 6 | 1,6 | | A | | | | | |
| 6/640 | M6 | ePM2,5 50% | 592x490x640 | 2800/55 | 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 | | | | | |
| 6/640 | M6 | ePM2,5 50% | 287x287x640 | 800/55 | 5 | 1,9 | 0,8 | | 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% | 490x592x520 | 2800/65 | 8 | 4,9 | 1,4 | | B | | | | | |
| 6/520 | M6 | ePM2,5 50% | 287x592x520 | 1700/65 | 5 | 3 | 1,3 | | B | | | | | |
| 6/520 | M6 | ePM2,5 50% | 592x490x520 | 2800/65 | 10 | 5 | 1,4 | | B | | | | | |
| 6/520 | M6 | ePM2,5 50% | 490x490x520 | 2330/65 | 8 | 4 | 1,2 | | B | | | | | |

| Type | EN779 | 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 |
|-------|-------|------------|-----------------------|--|------|------------------------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|
| 6/520 | M6 | ePM2,5 50% | 592x287x520 | 1700/65 | 10 | 3 | 1,3 | | B | | | | | |
| 6/520 | M6 | ePM2,5 50% | 287x287x520 | 800/65 | 5 | 1,5 | 0,7 | | 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 | 2800/80 | 8 | 3,5 | 1,3 | | D | | | | | |
| 6/370 | M6 | ePM2,5 50% | 287x592x370 | 1700/80 | 5 | 2,2 | 1,2 | | D | | | | | |
| 6/370 | M6 | ePM2,5 50% | 592x490x370 | 2800/80 | 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 | | | | | |
| 7/640 | F7 | ePM1 60% | 592x592x640 | 3400/65 | 10 | 7,5 | 2,3 | 811 | A+ | 62 | 62 | 71 | 71 | 90 |
| 7/640 | F7 | ePM1 60% | 490x592x640 | 2800/65 | 8 | 6 | 1,6 | | A+ | | | | | |
| 7/640 | F7 | ePM1 60% | 287x592x640 | 1700/65 | 5 | 3,7 | 1,4 | | A+ | | | | | |
| 7/640 | F7 | ePM1 60% | 592x490x640 | 2800/65 | 10 | 6,2 | 1,6 | | A+ | | | | | |
| 7/640 | F7 | ePM1 60% | 490x490x640 | 2330/65 | 8 | 5 | 1,3 | | A+ | | | | | |
| 7/640 | F7 | ePM1 60% | 592x287x640 | 1700/65 | 10 | 3,7 | 1,4 | | A+ | | | | | |
| 7/640 | F7 | ePM1 60% | 287x287x640 | 800/65 | 5 | 1,9 | 0,8 | | A+ | | | | | |
| 7/520 | F7 | ePM1 60% | 592x592x520 | 3400/75 | 10 | 6,1 | 2,2 | 943 | A | 62 | 62 | 71 | 71 | 90 |
| 7/520 | F7 | ePM1 60% | 490x592x520 | 2800/75 | 8 | 4,9 | 1,4 | | A | | | | | |
| 7/520 | F7 | ePM1 60% | 287x592x520 | 1700/75 | 5 | 3 | 1,3 | | A | | | | | |
| 7/520 | F7 | ePM1 60% | 592x490x520 | 2800/75 | 10 | 5 | 1,4 | | A | | | | | |
| 7/520 | F7 | ePM1 60% | 490x490x520 | 2330/75 | 8 | 4 | 1,2 | | A | | | | | |
| 7/520 | F7 | ePM1 60% | 592x287x520 | 1700/75 | 10 | 3 | 1,3 | | A | | | | | |
| 7/520 | F7 | ePM1 60% | 287x287x520 | 800/75 | 5 | 1,5 | 0,7 | | A | | | | | |
| 7/370 | F7 | ePM1 60% | 592x592x370 | 3400/100 | 10 | 4,3 | 2 | 1389 | C | 62 | 62 | 71 | 71 | 90 |
| 7/370 | F7 | ePM1 60% | 490x592x370 | 2800/100 | 8 | 3,5 | 1,3 | | C | | | | | |
| 7/370 | F7 | ePM1 60% | 287x592x370 | 1700/100 | 5 | 2,2 | 1,2 | | C | | | | | |
| 7/370 | F7 | ePM1 60% | 592x490x370 | 2800/100 | 10 | 3,6 | 1,2 | | C | | | | | |
| 7/370 | F7 | ePM1 60% | 490x490x370 | 2330/100 | 8 | 2,9 | 1 | | C | | | | | |
| 7/370 | F7 | ePM1 60% | 592x287x370 | 1700/100 | 10 | 2,1 | 1,2 | | C | | | | | |
| 7/370 | F7 | ePM1 60% | 287x287x370 | 800/100 | 5 | 1,1 | 0,7 | | C | | | | | |
| 9/640 | F9 | ePM1 85% | 592x592x640 | 3400/120 | 10 | 7,5 | 2,1 | 1474 | C | 87 | 87 | 91 | 91 | 98 |
| 9/640 | F9 | ePM1 85% | 490x592x640 | 2800/120 | 8 | 6,3 | 1,6 | | C | | | | | |
| 9/640 | F9 | ePM1 85% | 287x592x640 | 1700/120 | 5 | 3,7 | 1,4 | | C | | | | | |
| 9/640 | F9 | ePM1 85% | 592x490x640 | 2800/120 | 10 | 6,2 | 1,6 | | C | | | | | |
| 9/640 | F9 | ePM1 85% | 490x490x640 | 2330/120 | 8 | 5 | 1,3 | | C | | | | | |
| 9/640 | F9 | ePM1 85% | 592x287x640 | 1700/120 | 10 | 3,7 | 1,4 | | C | | | | | |
| 9/640 | F9 | ePM1 85% | 287x287x640 | 800/120 | 5 | 1,9 | 0,8 | | C | | | | | |
| 9/520 | F9 | ePM1 85% | 592x592x520 | 3400/165 | 10 | 6,1 | 2 | 2091 | D | 87 | 87 | 91 | 91 | 98 |
| 9/520 | F9 | ePM1 85% | 490x592x520 | 2800/165 | 8 | 4,9 | 1,4 | | D | | | | | |
| 9/520 | F9 | ePM1 85% | 287x592x520 | 1700/165 | 5 | 3 | 1,3 | | D | | | | | |
| 9/520 | F9 | ePM1 85% | 592x490x520 | 2800/165 | 10 | 5 | 1,4 | | D | | | | | |
| 9/520 | F9 | ePM1 85% | 490x490x520 | 2330/165 | 8 | 4 | 1,2 | | D | | | | | |
| 9/520 | F9 | ePM1 85% | 592x287x520 | 1700/165 | 10 | 3 | 1,3 | | D | | | | | |
| 9/520 | 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

EPD (Environmental Product Declaration) is available