



ADVANTAGES

- Lowest labour cost thanks to less frequent filter changes
- Conical and tapered pocket shape for improved air flow
- 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 |



| Art. No. | Type | EN779 | ISO16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Bags | Weight (kg) | Energy consumption | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|----------|-------|-------|------------|-----------------------|---------------------------------|------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|
| 3146017 | 6/640 | M6 | ePM2,5 50% | 592x592x640 | 3400/55 | 10 | 2,3 | 748 | A | 40 | 40 | 54 | 54 | 80 |
| 3146018 | 6/640 | M6 | ePM2,5 50% | 490x592x640 | 2800/55 | 8 | 1,6 | | A | | | | | |
| 3146019 | 6/640 | M6 | ePM2,5 50% | 287x592x640 | 1700/55 | 5 | 1,4 | | A | | | | | |
| 3146001 | 6/520 | M6 | ePM2,5 50% | 592x592x520 | 3400/65 | 10 | 2,2 | 929 | B | 40 | 40 | 54 | 54 | 80 |
| 3146002 | 6/520 | M6 | ePM2,5 50% | 490x592x520 | 2800/65 | 8 | 1,4 | | B | | | | | |
| 3146003 | 6/520 | M6 | ePM2,5 50% | 287x592x520 | 1700/65 | 5 | 1,3 | | B | | | | | |
| 3146122 | 7/670 | F7 | ePM1 60% | 592x592x670 | 3400/65 | 10 | 2,3 | 838 | A+ | 62 | 62 | 71 | 71 | 90 |
| 3146123 | 7/670 | F7 | ePM1 60% | 490x592x670 | 2800/65 | 8 | 1,6 | | A+ | | | | | |
| 3146124 | 7/670 | F7 | ePM1 60% | 287x592x670 | 1700/65 | 5 | 1,4 | | A+ | | | | | |
| 3146125 | 7/640 | F7 | ePM1 60% | 592x592x640 | 3400/65 | 10 | 2,3 | 811 | A+ | 62 | 62 | 71 | 71 | 90 |
| 3146126 | 7/640 | F7 | ePM1 60% | 490x592x640 | 2800/65 | 8 | 1,6 | | A+ | | | | | |
| 3146127 | 7/640 | F7 | ePM1 60% | 287x592x640 | 1700/65 | 5 | 1,4 | | A+ | | | | | |
| 3146101 | 7/520 | F7 | ePM1 60% | 592x592x520 | 3400/75 | 10 | 2,2 | 943 | A | 62 | 62 | 71 | 71 | 90 |
| 3146102 | 7/520 | F7 | ePM1 60% | 490x592x520 | 2800/75 | 8 | 1,4 | | A | | | | | |
| 3146103 | 7/520 | F7 | ePM1 60% | 287x592x520 | 1700/75 | 5 | 1,3 | | A | | | | | |
| 3146207 | 8/640 | F8 | ePM1 75% | 592x592x640 | 3400/130 | 10 | 2,3 | 1575 | D | 78 | 78 | 89 | 89 | 96 |
| 3146208 | 8/640 | F8 | ePM1 75% | 490x592x640 | 2800/130 | 8 | 1,6 | | D | | | | | |
| 3146209 | 8/640 | F8 | ePM1 75% | 287x592x640 | 1700/130 | 5 | 1,4 | | D | | | | | |
| 3146210 | 8/520 | F8 | ePM1 75% | 592x592x520 | 3400/155 | 10 | 2,2 | 1948 | D | 78 | 78 | 89 | 89 | 96 |
| 3146202 | 8/520 | F8 | ePM1 75% | 490x592x520 | 2800/155 | 8 | 1,4 | | D | | | | | |
| 3146203 | 8/520 | F8 | ePM1 75% | 287x592x520 | 1700/155 | 5 | 1,3 | | D | | | | | |
| 3146314 | 9/640 | F9 | ePM1 85% | 592x592x640 | 3400/120 | 10 | 2,1 | 1474 | C | 87 | 87 | 91 | 91 | 98 |
| 3146315 | 9/640 | F9 | ePM1 85% | 490x592x640 | 2800/120 | 8 | 1,6 | | C | | | | | |
| 3146316 | 9/640 | F9 | ePM1 85% | 287x592x640 | 1700/120 | 5 | 1,4 | | C | | | | | |
| 3146301 | 9/520 | F9 | ePM1 85% | 592x592x520 | 3400/165 | 10 | 2 | 2091 | D | 87 | 87 | 91 | 91 | 98 |
| 3146302 | 9/520 | F9 | ePM1 85% | 490x592x520 | 2800/165 | 8 | 1,4 | | D | | | | | |
| 3146303 | 9/520 | F9 | ePM1 85% | 287x592x520 | 1700/165 | 5 | 1,3 | | D | | | | | |

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

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