



ADVANTAGES

- Long lifetime, up to 6 months depending on the application
- Increased media area for high dust holding capacity and prolonged lifetime
- Radial pleats supported by a metal grid hold the pleat formation throughout its lifetime
- Plastic frame for high humidity applications, suitable for incineration with energy recovery.
- Prefilter ePM10 50%
- Optimized energy efficiency

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|---|---|
| Application | Prefilter for air conditioning systems |
| Frame | Plastic |
| 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) | 90° C |
| Relative Humidity max | 100% |
| Installation Options | Front and side access housings and frames are available |



| Type | ISO 16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Media area (m²) | Weight (kg) | Energy (kWh/year) | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|-----------------|-----------|-----------------------|---------------------------------|-----------------|-------------|-------------------|--------------|------|---------|--------|-----------|-------|
| 1050 592x592x48 | ePM10 50% | 592x592x48 | 3400/70 | 1.8 | 0.9 | >1100 | E | 3 | 3 | 14 | 13 | 50 |
| 1050 492x492x48 | ePM10 50% | 492x492x48 | 2400/70 | 1.2 | 0.7 | | E | | | | | |
| 1050 492x622x48 | ePM10 50% | 492x622x48 | 3000/70 | 1.5 | 0.8 | | E | | | | | |
| 1050 492x592x48 | ePM10 50% | 492x592x48 | 2800/70 | 1.5 | 0.8 | | E | | | | | |
| 1050 392x622x48 | ePM10 50% | 392x622x48 | 2400/70 | 1.2 | 0.7 | | E | | | | | |
| 1050 392x492x48 | ePM10 50% | 392x492x48 | 1900/70 | 1.0 | 0.6 | | E | | | | | |
| 1050 287x592x48 | ePM10 50% | 287x592x48 | 1700/70 | 0.9 | 0.5 | | E | | | | | |
| 1050 592x592x96 | ePM10 50% | 592x592x96 | 3400/65 | 2.5 | 1.3 | 1098 | D | 3 | 3 | 14 | 13 | 50 |
| 1050 492x492x96 | ePM10 50% | 492x492x96 | 2400/65 | 1.8 | 1 | | D | | | | | |
| 1050 492x622x96 | ePM10 50% | 492x622x96 | 3000/65 | 2.2 | 1.2 | | D | | | | | |
| 1050 492x592x96 | ePM10 50% | 492x592x96 | 2800/65 | 2.1 | 1.2 | | D | | | | | |
| 1050 392x622x96 | ePM10 50% | 392x622x96 | 2400/65 | 1.7 | 1 | | D | | | | | |
| 1050 392x492x96 | ePM10 50% | 392x492x96 | 1900/65 | 1.4 | 0.9 | | D | | | | | |
| 1050 287x592x96 | ePM10 50% | 287x592x96 | 1700/65 | 1.2 | 0.8 | | D | | | | | |

Other dimensions are available on request - All dimensions are nominal