



#### 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
- Sustainable moisture-resistant cardboard frame with diagonal front and back lattice for extra support.
- Prefilter ePM10 50%
- Optimized energy efficiency

|   |   |
|---|---|
| <b>Application</b>                            | Prefilter for air conditioning systems  |
| <b>Frame</b>                                  | Rigid water resistant cardboard   |
| <b>Media</b>                                  | Synthetic   |
| <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>Max Temperature (°C)</b>                   | 90° C   |
| <b>Relative Humidity max</b>                  | 100%  |
| <b>Installation Options</b>                   | Front and side access housings and frames are available                         |

| Type            | ISO 16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m <sup>3</sup> /h/Pa) | Media area (m <sup>2</sup> ) | Weight (kg) | Energy (kWh/year) | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|-----------------|-----------|-----------------------|--|------------------------------|-------------|-------------------|--------------|------|---------|--------|-----------|-------|
| 1050 595x595x46 | ePM10 50% | 595x595x46            | 3400/70                                      | 1.7                          | 0.8         | >1100             | E            | 3    | 3       | 14     | 13        | 50    |
| 1050 493x493x46 | ePM10 50% | 493x493x46            | 2400/70                                      | 1.2                          | 0.6         |                   | E            |      |         |        |           |       |
| 1050 493x622x46 | ePM10 50% | 493x622x46            | 3000/70                                      | 1.5                          | 0.7         |                   | E            |      |         |        |           |       |
| 1050 493x595x46 | ePM10 50% | 493x595x46            | 2800/70                                      | 1.4                          | 0.7         |                   | E            |      |         |        |           |       |
| 1050 393x622x46 | ePM10 50% | 393x622x46            | 2400/70                                      | 1.2                          | 0.6         |                   | E            |      |         |        |           |       |
| 1050 393x493x46 | ePM10 50% | 393x493x46            | 1900/70                                      | 0.9                          | 0.5         |                   | E            |      |         |        |           |       |
| 1050 289x595x46 | ePM10 50% | 289x595x46            | 1700/70                                      | 0.8                          | 0.4         |                   | E            |      |         |        |           |       |
| 1050 595x595x95 | ePM10 50% | 595x595x95            | 3400/65                                      | 2.5                          | 1.2         | 1098              | D            | 3    | 3       | 14     | 13        | 50    |
| 1050 493x493x95 | ePM10 50% | 493x493x95            | 2400/65                                      | 1.7                          | 0.9         |                   | D            |      |         |        |           |       |
| 1050 493x622x95 | ePM10 50% | 493x622x95            | 3000/65                                      | 2.1                          | 1.1         |                   | D            |      |         |        |           |       |
| 1050 493x595x95 | ePM10 50% | 493x595x95            | 2800/65                                      | 2.1                          | 1           |                   | D            |      |         |        |           |       |
| 1050 393x622x95 | ePM10 50% | 393x622x95            | 2400/65                                      | 1.7                          | 1.0         |                   | D            |      |         |        |           |       |
| 1050 393x493x95 | ePM10 50% | 393x493x95            | 1900/65                                      | 1.4                          | 0.7         |                   | D            |      |         |        |           |       |
| 1050 289x595x95 | ePM10 50% | 289x595x95            | 1700/65                                      | 1.2                          | 0.6         |                   | D            |      |         |        |           |       |

Other dimensions are available on request - All dimensions are nominal