



## ADVANTAGES

- Large surface area
- Rigid design concept
- High dust holding capacity
- Low pressure drop
- Robust metal header frame

|                                               |                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------|
| <b>Application</b>                            | Air conditioning applications and preparatory filtration in clean-rooms         |
| <b>Frame</b>                                  | Galvanised steel                                                                |
| <b>Gasket</b>                                 | Polyurethane                                                                    |
| <b>Media</b>                                  | Glass fiber                                                                     |
| <b>Separator</b>                              | Aluminium                                                                       |
| <b>Sealant</b>                                | Polyurethane                                                                    |
| <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>                            | 1,15 x nominal flow                                                             |
| <b>Max Temperature (°C)</b>                   | 110°C                                                                           |
| <b>Relative Humidity max</b>                  | 100%                                                                            |
| <b>Installation Options</b>                   | Front and side access housings and frames are available                         |

| Type                    | EN779 | ISO 16890  | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Media area (m²) | Weight (kg) |
|-------------------------|-------|------------|-----------------------|---------------------------------|-----------------|-------------|
| APE 2550 305x610x150-F0 | M6    | ePM2,5 50% | 305x610x150           | 650/15                          | 3,8             | 3,2         |
| APE 2550 610x610x150-F0 | M6    | ePM2,5 50% | 610x610x150           | 1300/15                         | 7,8             | 5,1         |
| APE 2550 305x610x292-F0 | M6    | ePM2,5 50% | 305x610x292           | 1300/50                         | 7,7             | 5,3         |
| APE 2550 610x610x292-F0 | M6    | ePM2,5 50% | 610x610x292           | 2500/45                         | 13,6            | 8,9         |
| APE 0155 305x610x150-F0 | F7    | ePM1 55%   | 305x610x150           | 650/50                          | 3,8             | 3,2         |
| APE 0155 610x610x150-F0 | F7    | ePM1 55%   | 610x610x150           | 1300/50                         | 7,8             | 5,1         |
| APE 0155 305x610x292-F0 | F7    | ePM1 55%   | 305x610x292           | 1300/80                         | 7,7             | 5,3         |
| APE 0155 610x610x292-F0 | F7    | ePM1 55%   | 610x610x292           | 2500/70                         | 15,6            | 8,9         |
| APE 0180 305x610x150-F0 | F9    | ePM1 80%   | 305x610x150           | 850/95                          | 3,8             | 3,2         |
| APE 0180 610x610x150-F0 | F9    | ePM1 80%   | 610x610x150           | 950/45                          | 7,8             | 5,1         |
| APE 0180 305x610x292-F0 | F9    | ePM1 80%   | 305x610x292           | 1000/85                         | 7,8             | 5,3         |
| APE 0180 610x610x292-F0 | F9    | ePM1 80%   | 610x610x292           | 2000/85                         | 15,6            | 8,9         |