

**ADVANTAGES**

- Ideal for filtering low concentrations of most external and internal source pollutants
- Can be used to upgrade existing installations
- Classified according to ISO 10121-3
- “2-in-1” filtration solution; particulate and molecular
- Removal of solid and gaseous contaminants in one filter stage

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>                            | High efficiency particle filtration for deodorisation and removal of gas pollutants, used for filtration in offices, airports |
| <b>Frame</b>                                  | Water resistant cardboard                                                                                                     |
| <b>Media</b>                                  | Synthetic/Activated Carbon                                                                                                    |
| <b>Dimensions</b>                             | Filter front dimensions according EN 15805                                                                                    |
| <b>Rec. final pressure drop acc. EN 13053</b> | Initial pressure drop + 50 Pa or initial pressure drop x3 (whichever is lower)                                                |
| <b>Max. final pressure drop</b>               | 250 Pa                                                                                                                        |
| <b>Max airflow</b>                            | 1,25 x nominal flow                                                                                                           |
| <b>Max Temperature (°C)</b>                   | 50°C                                                                                                                          |
| <b>Relative Humidity max</b>                  | 30% - 70%                                                                                                                     |
| <b>Installation Options</b>                   | Front and side access housings and frames are available                                                                       |
| <b>Comment</b>                                | Ozone removal efficiency: 50 - 70% depending on model and air flow. All values are +-15%                                      |

| Art. No. | Type                     | EN779 | ISO16890   | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Weight (kg) | ISO 10121 Ozone | ISO 10121 SO <sub>2</sub> | ISO 10121 NO <sub>x</sub> | ISO 10121 Toluene |
|----------|--------------------------|-------|------------|-----------------------|---------------------------------|-------------|-----------------|---------------------------|---------------------------|-------------------|
| 5103004  | CityPleat-200-289x594x44 | G4    | Coarse 65% | 289x594x44            | 1700/140                        | 0,9         | LD 55           | vLD 30                    | vLD 50                    | LD 75             |
| 5103005  | CityPleat-200-594x594x44 | G4    | Coarse 65% | 594x594x44            | 3400/140                        | 1,8         | LD 55           | vLD 30                    | vLD 50                    | LD 75             |
| 5103011  | CityPleat-200-594x594x95 | G4    | Coarse 65% | 594x594x95            | 3400/125                        | 2           | LD 60           | vLD 25                    | vLD 55                    | LD 70             |
| 5103008  | CityPleat-200-289x594x95 | G4    | Coarse 65% | 289x594x95            | 1700/125                        | 1           | LD 60           | vLD 25                    | vLD 55                    | LD 70             |
| 5103010  | CityPleat-480-594x594x95 | G4    | Coarse 65% | 594x594x95            | 3400/90                         | 3,8         | HD 60           | vLD 35                    | LD 65                     | MD 70             |
| 5103009  | CityPleat-480-289x594x95 | G4    | Coarse 65% | 289x594x95            | 1700/90                         | 1,9         | HD 60           | vLD 35                    | LD 65                     | MD 70             |

Full size test in Camfil molecular filtration test rig