



## 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>                            | Combination filtration to achieve particle pre-filtration and control of low level gaseous pollutants. Typical applications include IAQ improvement in city centre buildings, shopping malls and other public buildings |
| <b>Frame</b>                                  | Rigid 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   |

| Type                     | EN779 | ISO 16890  | ISO 10121 Ozone | ISO 10121 SO <sub>2</sub> | ISO 10121 NO <sub>x</sub> | ISO 10121 Toluene | Dimensions WxHxD (mm) | Airflow/pressure drop (m <sup>3</sup> /h/Pa) | Weight (kg) |
|--------------------------|-------|------------|-----------------|---------------------------|---------------------------|-------------------|-----------------------|--|-------------|
| CityPleat-200-289x594x44 | G4    | Coarse 65% | LD 55           | vLD 30                    | vLD 50                    | LD 75             | 289x594x44            | 1700/140                                     | 0,9         |
| CityPleat-200-594x594x44 | G4    | Coarse 65% | LD 55           | vLD 30                    | vLD 50                    | LD 75             | 594x594x44            | 3400/140                                     | 1,8         |
| CityPleat-200-594x594x95 | G4    | Coarse 65% | LD 60           | vLD 25                    | vLD 55                    | LD 70             | 594x594x95            | 3400/125                                     | 2           |
| CityPleat-200-289x594x95 | G4    | Coarse 65% | LD 60           | vLD 25                    | vLD 55                    | LD 70             | 289x594x95            | 1700/125                                     | 1           |
| CityPleat-480-594x594x95 | G4    | Coarse 65% | HD 60           | vLD 35                    | LD 65                     | MD 70             | 594x594x95            | 3400/90                                      | 3,8         |
| CityPleat-480-289x594x95 | G4    | Coarse 65% | HD 60           | vLD 35                    | LD 65                     | MD 70             | 289x594x95            | 1700/90                                      | 1,9         |