



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



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

| Art. No. | Type | EN779 | ISO 16890 | ISO 10121 Ozone | ISO 10121 SO ₂ | ISO 10121 NO ₂ | ISO 10121 Toluene | Dimensions WxHxD (mm) | Airflow/pressure drop (m ³ /h/Pa) | Weight (kg) |
|----------|--------------------------|-------|------------|-----------------|---------------------------|---------------------------|-------------------|-----------------------|--|-------------|
| 5103001 | CityPleat-100-594x594x44 | G4 | Coarse 65% | | | | | 594x594x44 | 2000/140 | 1 |
| 5103004 | CityPleat-200-289x594x44 | G4 | Coarse 65% | LD 55 | vLD 30 | vLD 50 | LD 75 | 289x594x44 | 1700/140 | 0,9 |
| 5103007 | CityPleat-100-289x594x44 | G4 | Coarse 65% | | | | | 289x594x44 | 1000/140 | 0,5 |
| 5103005 | CityPleat-200-594x594x44 | G4 | Coarse 65% | LD 55 | vLD 30 | vLD 50 | LD 75 | 594x594x44 | 3400/140 | 1,8 |
| 5103011 | CityPleat-200-594x594x95 | G4 | Coarse 65% | LD 60 | vLD 25 | vLD 55 | LD 70 | 594x594x95 | 3400/125 | 2 |
| 5103008 | CityPleat-200-289x594x95 | G4 | Coarse 65% | LD 60 | vLD 25 | vLD 55 | LD 70 | 289x594x95 | 1700/125 | 1 |
| 5103010 | CityPleat-480-594x594x95 | G4 | Coarse 65% | HD 60 | vLD 35 | LD 65 | MD 70 | 594x594x95 | 3400/90 | 3,8 |
| 5103009 | CityPleat-480-289x594x95 | G4 | Coarse 65% | HD 60 | vLD 35 | LD 65 | MD 70 | 289x594x95 | 1700/90 | 1,9 |

Full size test in Camfil molecular filtration test rig