



### 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	ISO 10121 Ozone	ISO 10121 SO <sub>2</sub>	ISO 10121 NO <sub>2</sub>	ISO 10121 Toluene	Dimensions WxHxD (mm)	Airflow/pressure drop (m <sup>3</sup> /h/Pa)	Weight (kg)
5103001	CityPleat-100-594x594x44	G4	Coarse 65%					594x594x44	2000/140	1
5103007	CityPleat-100-289x594x44	G4	Coarse 65%					289x594x44	1000/140	0,5
5103004	CityPleat-200-289x594x44	G4	Coarse 65%	LD 55	vLD 30	vLD 50	LD 75	289x594x44	1700/140	0,9
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