

CityPleat



Advantages

- Compact "2 in 1" solution
- Double action: particle and odour filtration
- Ideal for filtering most low concentration interior and exterior pollutants
- 100% incinerable
- Can be used to upgrade existing installations
- Range of standard sizes

Application: High efficiency particle filtration for deodorisation and removal of gas pollutants, used for filtration in offices, airports.

Type: Prefilter for gas and particles removal.

Frame: Moisture resistant cardboard.

Media: Synthetic fibre and broad spectrum carbon.

EN 779:2002 filter class: G4.

ASHRAE 52.2:1999 filter class: MERV 7.

Recommended temperature: 0 - 40°C.

Recommended relative humidity: 30 - 70%.

Recommended final pressure drop: 250 Pa.

Maximum final pressure drop: 250 Pa.

Ozone removal efficiency: 25 - 70% depending on model.

All values are +15%.

Reference	Model	Dimensions (WxHxD) mm	Particle removal filter class	Ozone removal efficiency at rated airflow (%)*	Air flow / pressure drop m³/hr/Pa	Unit weight kg	Unit Volume m³
5103001	CityPleat-100-594x594x44	594 x 594 x 44	G4	25%	1900/135	1.0	0.019
5103007	CityPleat-100-289x594x44	289 x 594 x 44	G4	85%	900/135	0.5	0.010
5103005	CityPleat-200-594x594x44	594 x 594 x 44	G4	50%	3175/135	1.8	0.019
5103004	CityPleat-200-289x594x44	289 x 594 x 44	G4	50%	1500/135	0.9	0.10
5103011	CityPleat-200-594x594x95	594 x 594 x 95	G4	50%	3175/90	2	0.039
5103008	CityPleat-200-289x594x95	289 x 594 x 95	G4	50%	1500/90	1	0.019
5103010	CityPleat-480-594x594x95	594 x 594 x 95	G4	70%	3175/50	3.8	0.039
5103009	CityPleat-480-289x594x95	289 x 594 x 95	G4	70%	1500/50	1.9	0.019

*Full size test in Camfil Farr molecular filtration test rig.