

CityPleat



Advantages

- “2 in 1” filtration solution; particulate and molecular.
- Rapid Adsorption Dynamics (RAD)
- Ozone rating O_z5 or O_z6
- 100% incinerable
- Can be used upgrade existing installations
- Lightweight and clean

Application: : 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.

Type: Prefilter for gas and particles removal.

Frame: Moisture resistant cardboard.

Media: Synthetic fibre and broad spectrum carbon.

EN779:2012 filter class: G4.

ASHRAE 52.2:2007 filter class: MERV 7.

Recommended temperature: 0 - 40°C.

Recommended relative humidity: < 70%.

Recommended final pressure drop: 250 Pa.

Maximum final pressure drop: 350 Pa.

Ozone rating: O_z 5, O_z 6

Ozone removal efficiency: 50 - 70% depending on model and air flow.

All values are +-15%.



Model Name	Filter Class	Width	Height	Depth	Air flow m ³ /h	Pressure drop	Volume m ³	Weight kg
CityPleat-100-594x594x44	G4	594	594	44	1900	135	0,019	1
CityPleat-100-289x594x44	G4	289	594	44	900	135	0,01	0,5
CityPleat-200-594x594x44	G4	594	594	44	3175	135	0,019	1,8
CityPleat-200-289x594x44	G4	289	594	44	1500	135	0.10	0.9
CityPleat-200-594x594x95	G4	594	594	95	3185	90	0.039	2
CityPleat-200-289x594x95	G4	289	594	95	1500	90	0.019	1
CityPleat-480-594x594x95	G4	594	594	95	3185	50	0.039	3,8
CityPleat-480-289x594x95	G4	289	594	95	1500	50	0.019	1,9

*Full size test in Camfil molecular filtration test rig.