CITYPLEAT

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

Application	High efficiency particle filtration for deodarisation 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
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

2024-02-26