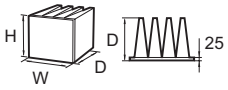
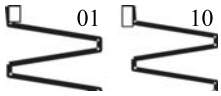
CitySorb





Advantages

- **Compact solution**
- **Range of standard sizes**
- **Rigid design concept**
- **High efficiency**
- **Large air flow capacity**
- **Constant pressure drop**
- **Incinerable**

Application: Adsorption of odours and gasses in air conditioning applications.
Type: Rigid pleated filter.
Frame: Polystyrene.
Media: Multilayer carbon media.
Sealant: Polyurethane.
Gasket: Seamless PU gasket.
Recommended temperature range: 0 - 40ºC.
Recommended relative humidity: < 70% RH.
Recommended pressure drop: Constant if filter is protected by F7 particle filtration.
Holding frames: Front and side access housings and frames are available, Type 8 and FC Housings.
Ozone removal efficiency: 70%.

Reference	Dimensions (WxHxD) mm	Media area m^2	Type of Carbon	Air flow / pressure drop m^3hr/Pa	Unit weight kg	Unit Volume m^3
56700003	592x592x292	8	RAD	3400/80	10.8	0.13
56700004	592x490x292	6.6	RAD	2800/80	9.2	0.13
56700005	592x287x292	3.5	RAD	1500/80	5.4	0.06

CitySorb is a high-efficiency compact molecular filter for addressing IAQ issues in public and commercial buildings. This filter satisfies demands to tackle nuisance odours such as PAH, ozone and butadiene 1.3 caused by vehicle emissions and VOCs from vehicle exhaust, solvents and aerosols and provide occupants with the highest indoor air quality as specified in the European Standard EN 13779. The material selection and construction method ensures that CitySorb is a clean, light filter that is both quick and easy to maintain.

CitySorb uses a special ingredient - RAD

RAD or Rapid Adsorption Dynamic ensures the optimum efficiency of CitySorb. Rather than the amount of carbon (the traditional measure), it is the capacity of this new form to rapidly trap gasses which ensures the advanced performance of CitySorb. The carbon is in the form of very small granules into which gas molecules can rapidly diffuse.

Also available, CitySorb Acid, for more efficient treatment of specific acid molecules.

The filter can be replaced after a maximum of one year or when the smell or problem reappears.

Following good practice for all filters, used CitySorb filters should be bagged immediately after removal from the unit and disposed of by the appropriate route.

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