

**ADVANTAGES**

- Ideal for filtering moderate concentrations of most external and internal source pollutants
- Can be used to upgrade existing installations
- Classified according to ISO 10121-3
- Compact filter with molecular media.
- Removal of gaseous contaminants

|                                        |                                                                  |
|----------------------------------------|------------------------------------------------------------------|
| <b>Application</b>                     | Adsorption of odours and gases in air conditioning applications. |
| <b>Frame</b>                           | Plastic moulded                                                  |
| <b>Gasket</b>                          | One piece PU gasket (01 in the standard version)                 |
| <b>Media</b>                           | Activated Carbon                                                 |
| <b>Separator</b>                       | Hot-melt                                                         |
| <b>Sealant</b>                         | Polyurethane                                                     |
| <b>Dimensions</b>                      | Filter front dimensions according EN 15805                       |
| <b>Recommended final pressure drop</b> | 2x Initial pressure drop                                         |
| <b>Max Temperature (°C)</b>            | 40° C                                                            |
| <b>Relative Humidity max</b>           | 70%                                                              |
| <b>Installation Options</b>            | Front and side access housings and frames are available.         |

The CitySorb filter utilizes a highly effective broad spectrum carbon media to ensure removal of a very wide range of airborne chemicals. The broad spectrum carbon operates with a Rapid Adsorption Dynamics (RAD) mechanism that is specifically designed to be highly efficient against the multiple chemicals that are typically present in low or moderate concentrations in city-centre buildings or other locations.

| Art. No. | Type                 | 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) |
|----------|----------------------|-----------------|---------------------------|---------------------------|-------------------|-----------------------|----------------------------------------------|-------------|
| 56700201 | CitySorb 242012-01PU | MD 65           | vLD 30                    | vLD 60                    | MD 75             | 592x490x300           | 2800/80                                      | 9.2         |
| 56700005 | CitySorb 241212-01PU | MD 65           | vLD 30                    | vLD 60                    | MD 75             | 592x287x300           | 1500/80                                      | 5.4         |
| 56700003 | CitySorb 242412-01PU | MD 65           | vLD 30                    | vLD 60                    | MD 75             | 592x592x300           | 3400/80                                      | 10.8        |