# CITYCARB E

**ADVANTAGES**

- Can be used to upgrade existing installations
- Range of standard sizes
- Rapid Adsorption Dynamics (RAD)
- MERV13 (11A) and ePM10 80% acc. ISO 16890
- Combination mini-pleat V-cell filtration solution for particulate and molecular contaminants
- Ideal for filtering low concentrations of most external and internal source pollutants
- 100% incinerable

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| **Application** | Remove gaseous contaminants and MERV13 (11A) particulates to meet air quality standards within a space, especially as it relates to the health and comfort of building occupants. Typically used in the following industries: airport, casino, healthcare, industrial office space. |
| **Frame** | Plastic molded |
| **Media** | Synthetic;Activated Carbon |
| **Dimensions** | Filter front dimensions according EN 15805 |
| **Max airflow** | 1.25 x nominal flow |
| **Max Temperature (°C)** | 50 |
| **Relative Humidity max** | 30% - 70% |
| **Installation Options** | Front access frames and side access housings are available. See related products below |
| **Comment** | Maximum face velocity of 500 fpm. |

A compact filter with an additional molecular filtration media layer to provide enhanced IAQ through combined particle filtration and gas filtration.

CityCarb is the ultimate solution when a high performance compact filter and a high performance molecular (gas, odor) filter must be installed in a single location. CityCarb filter can easily be fitted into new or existing standard filter frames. Particle filtration media is combined with an exclusive “Broad Spectrum” carbon media that exploits the benefits of “Rapid Adsorption Dynamics” (RAD)to remove a very wide range of VOCs and odors. Molecular pollutants are released from both external sources (traffic fumes, power generation , industry) and internal sources (building construction and finish materials, wooden materials, carpets, cleaning agents etc).

The filter should be replaced when the pressure loss exceeds the maximum allowable value for the ventilation system or after a maximum of one year. In accordance with good practice, used CityCarb filters should be bagged immediately after removal and disposed of by the appropriate route.

ME%: Minimum efficiency ref. to EN779:2012
Energy consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2014
Energy class: according to Eurovent RS 4/C/001-2017