



ADVANTAGES

- Can be used to upgrade existing installations
- Range of standard sizes
- Rapid Adsorption Dynamics (RAD)
- MERV15 (14A) and ePM1 70% 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

Application	Remove gaseous contaminants and MERV15 (14A) 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, cultural heritage/museums, data centers, food and beverage, healthcare, industrial office space, and laboratory spaces.
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