



Advantages

- Compact “2 in 1” filtration solution; particulate and molecular
- 100% incinerable
- Range of standard sizes
- Filter class F7 acc. EN 779:2012
- Ideal for filtering low concentrations of most external and internal source pollutants
- Can be used to upgrade existing installations
- Rapid Adsorption Dynamics (RAD)

Application: Particle and odour removal in offices, hospitals, airports etc

Type: V-Bank Filter

Frame: Polypropylene

Media: Synthetic/Activated Carbon

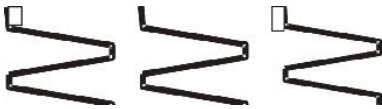
Dimensions: Filter front dimensions according EN 15805

Maximum airflow: 1,25 x nominal flow

Temperature max: 50°C

RH. max: 70%

Mounting/Frames: Front and side access housings and frames are available



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, odour) 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 odours. 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.

Type	EN779	ISO16890	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/h/Pa)	Media area (m²)	Weight (kg)	Initial eff. (%)	ME (%)*	Energy class
CIZP-7I 0592/0592/0292	F7	ePM1 70%	592x592x292	3400/130	8	9,3	80	44	E
CIZP-7I 0592/0490/0292	F7	ePM1 70%	592x490x292	2800/130	6,6	6,8			E
CIZP-7I 0592/0287/0292	F7	ePM1 70%	592x287x292	1500/130	3,8	4,8			E

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

Capacity test - Efficiency vs. Adsorbed amount

CityCarb-I 592*592*292
9 ppm Toluene
Air flow: 3400 m³/h
T = 23°C RH = 50%

