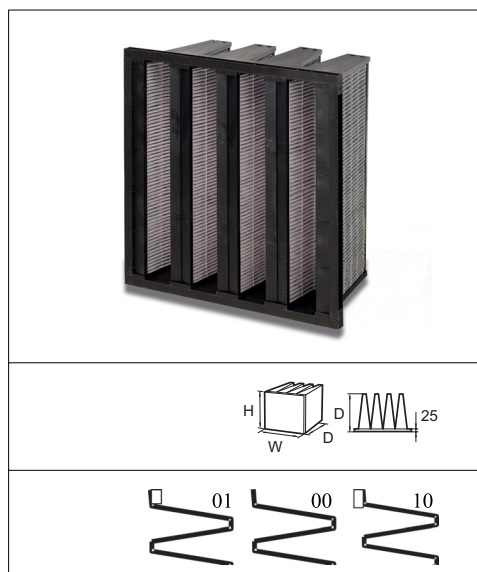


CityCarb I



Advantages

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

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

Type: Compact particle and molecular filter.

Frame: Polystyrene.

Media: Synthetic fibre and broad spectrum carbon.

EN779:2012 efficiency: F7.

Maximum flow rate: 4000m³/h.

Ozone rating: O_z 9

Ozone removal efficiency: 90% . Value +/- 15%

Mounting system: Front and side access holding frames are available: Type 8, Type L and FC housings.

Model Name	Filter Class	Width	Height	Depth	Air Flow m ³ /h	Pressure drop	Area m ²	Volume m ³	Weight kg	Initial eff. %	ME %*	Energy Consumption kWh/y**	Energy Class***
CIZP-7I-0592/0592/0292-4V-25-BOP	F7	592	592	292	3400	130	8	0,1	9,3	80	44		E
CIZP-7I-0592/0490/0292-4V-25-BOP	F7	592	490	292	2800	130	6,6	0,1	6,8				E
CIZP-7I-0592/0287/0292-4V-25-BOP	F7	592	287	292	1500	130	3,8	0,05	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/001-2015

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.