

AV089505-01

Carbon Adsorber

The Carbon Adsorber (bed type) removes all traces of oil vapour, hydrocarbons and ozone from compressed air.

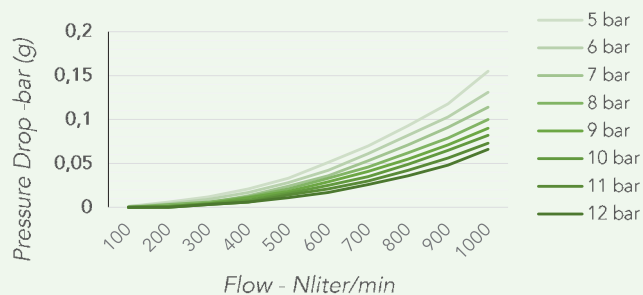
Description

The carbon adsorber removes these substances much more efficient and over a far longer period than traditional carbon filter elements, with an extreme **low pressure drop**. An additional advantage when used in the food & beverage industry is the **elimination of odours and flavours** from compressed air by the activated carbon. A carbon adsorber is an essential filtration part for protecting your application from harmful contaminants.

Performance

When combined with 1µm & 0,01µm pre-filtration and fed with compressed air dried by an adsorption dryer, the adsorber provides air that meets or exceeds class 1 for oil in accordance with ISO8753-1:2010 for a life time of 3000hours

Pressure drop vs. pressure/flow



Wall mount optionally available.

Advantages

- Removes all oil vapour traces
- Eliminates odours & flavours
- Efficiency advantage over traditional carbon filters
- Very low pressure drop
- Horizontal placement, made possible by internal coil spring
- Integrated filters prevent carbon dust carry-over

Specifications

Max. Flow at 7 bar	1000 Nl/min
Max. Operating pressure	13 bar (g)
Temperature range	2 - 50 °C
Feed air - oil content	< 3.0 mg/m ³
Feed air - relative humidity	< 80% (non-condensing)
In/outlet connection	½" BSP (G)
Dimensions	442 x 108 x 108 mm
Weight	4.6 kg

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