



### ADVANTAGES

- Ideal for filtering moderate concentrations of most external and internal source pollutants
- Compact filter with molecular media
- Removal of gaseous contaminants
- Can be used to upgrade existing installations
- Classified according to ISO 10121-3

<b>Application</b>	Adsorption of odours and gasses in air conditioning applications.
<b>Frame</b>	Plastic moulded
<b>Gasket</b>	One piece PU gasket (01 in the standard version)
<b>Media</b>	Activated Carbon
<b>Separator</b>	Hot-melt
<b>Sealant</b>	Polyurethane
<b>Dimensions</b>	Filter front dimensions according EN 15805
<b>Recommended final pressure drop</b>	2x Initial pressure drop
<b>Max Temperature (°C)</b>	40° C
<b>Relative Humidity max</b>	70%
<b>Installation Options</b>	Front and side access housings and frames are available.

The CitySorb filter utilizes a highly effective broad-spectrum carbon media to ensure the removal of a very wide range of airborne chemicals. The broad spectrum carbon operates with a Rapid Adsorption Dynamics (RAD) mechanism that is specifically designed to be highly efficient against the multiple chemicals that are typically present in low or moderate concentrations in city-centre buildings or other locations.

Type	ISO 10121 Ozone	ISO 10121 SO <sub>2</sub>	ISO 10121 NO <sub>2</sub>	ISO 10121 Toluene	Dimensions WxHxD (mm)	Airflow/pressure drop (m <sup>3</sup> /h/Pa)	Area (m <sup>2</sup> )	Weight (kg)
OPKCS-242412-01PU	MD 65	vLD 30	vLD 60	MD 75	592x592x292	3400/80	8	10.8
OPKCS-242012-01PU	MD 65	vLD 30	vLD 60	MD 75	592x490x292	2800/80	6,6	9.2
OPKCS-241212-01PU	MD 65	vLD 30	vLD 60	MD 75	592x287x292	1500/80	3,5	5.4