



**Activated Carbon Cartridges 708/709**

consist of concentric perforated cylinders steel sheet or stainless steel or synthetics. The carbon content of the steel sheet cartridges can be replaced, connection is performed via 3-point bayonet.

**Application:**

Adsorption of odors, toxic gaseous pollutants, hydrocarbons and solvents.

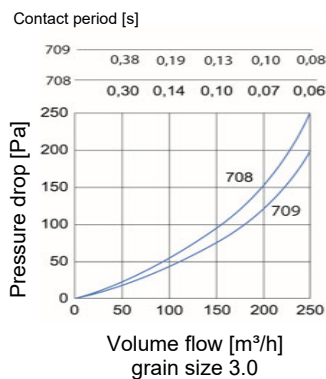
**Special features:**

Different activated carbon types; regeneration is possible.

**Areas of application:**

CKG holding frame

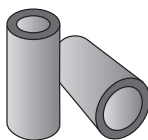
**Pressure drop diagram**



**Technical data**

Activated carbon cartridge	708	709
Activated carbon type	AKOLIT-A3	AKOLIT-A3
Insert	CKG holding frame	
Diameter/height [mm]	145/450	145/600
Max. operating temperature [°C]	40	40
Max. relative air humidity [%]	70	70
Activated carbon volume [l]	4.3	5.7
Layer thickness [mm]	26	26
Connection type	3-point bayonet	3-point bayonet

**Form of delivery/  
order number**



Activated carbon cartridge	Activated carbon type	Packaging-units [#]	Weight (empty) [kg]	Order number
708	AKOLIT-A3 galvanized steel	8	1.6	<b>00 03 499</b>
	Stainless steel AKOLIT-A3	8	1.6	<b>20 01 418</b>
709	AKOLIT-A3 galvanized steel	8	2.0	<b>10 37 410</b>
	Stainless steel AKOLIT-A3	8	2.0	<b>10 37 415</b>
708-K	Plastic AKOLIT A3	8	1.6	<b>26 03 223</b>
709-K	Plastic AKOLIT A3	8	2.0	<b>20 51 091</b>

Intake capacity and degree of arresstance of activated carbon filters depend on gas composition and concentration as well as contact period of gas molecules with activated carbon.

Maximum allowed air humidity 70 %, max. temperature 40 °C, minimum contact period depending on application 0,05 s to 1,0 s, pre-filtration is necessary, required filter class F7 (EN 779:2012) or ePM<sub>1</sub> 80 % (ISO 16890:2016).

Activated carbon cartridges 708 & 709 are also regenerable. In this case a used activated carbon cartridge is opened, cleared, cleaned, recharged with unused activated carbon, closed and is available in regenerated form. Used activated carbon is then recycled by an authorized and certified waste management company.