

GCS-s500 filter

Filtering with carbons with a septum $s=500$ mm



Filter designed for operations that generate Volatile Organic Substances

Filter for VOS and substances that are easily absorbed by active carbons.

The filter envisages a filtering septum with a thickness of 510 mm that makes it possible to obtain quite high contact times. The carbons are loaded from the roof through a hatch which releases the whole filtering section. They are emptied via a rotocell. An anti-explosion hatch is fitted in the two chambers, clean air and dirty air.

Features:

- Black painted metal structure
- Railings on the roof
- Anti-explosion panels
- Air hoppers
- Star valve

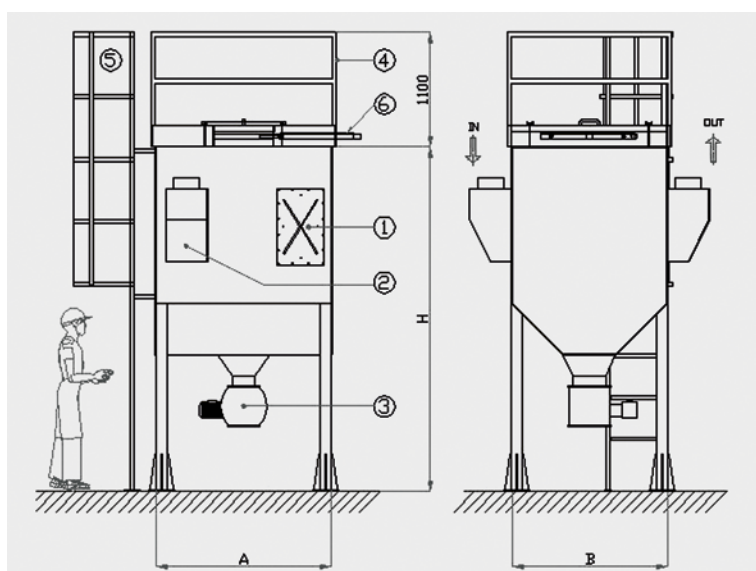
Optionals

- Access ladder to roof
- Fire-prevention system
- Stainless steel filtering body
- Carbons with particular characteristics

Technical specifications

FILTER	Rated diameter (mm)	Humidity when packing (%)	Ash (%)	apparent density (g/l)	CCi index (%)	Hardness (%)	Total surface (m ² /g)
Active carbons	4	< 18	< 12	620+/-50	> 60	> 95	700

MODEL	A (mm)	B (mm)	H (mm)	Contact time (sec)	Passage speed (m/sec)	Capacity (m ³ /h)	Weight of Carbons (kg)	Weight of Filter (kg)
GCS-s500	1500	1500	3900	3	0,17	1450	700	1200
				2,5	0,20	1705		
				2	0,26	2217		
				1,5	0,34	2900		
				1	0,51	4350		



1. Anti-explosion panels
2. Air hoppers
3. Star valve
4. Railings on the roof
5. Access ladder to roof

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