



AyraCarb™ TCA

Solution by adsorption on Activated Carbon

Operation

The operating principle of our **AyraCarb™ TCA** is based on the adsorption of pollutants using Activated Carbon. Thus the polluted gas is routed through an adsorbent medium consisting of Activated Carbon pellets.

The effluent to be treated is injected under the Activated Carbon.

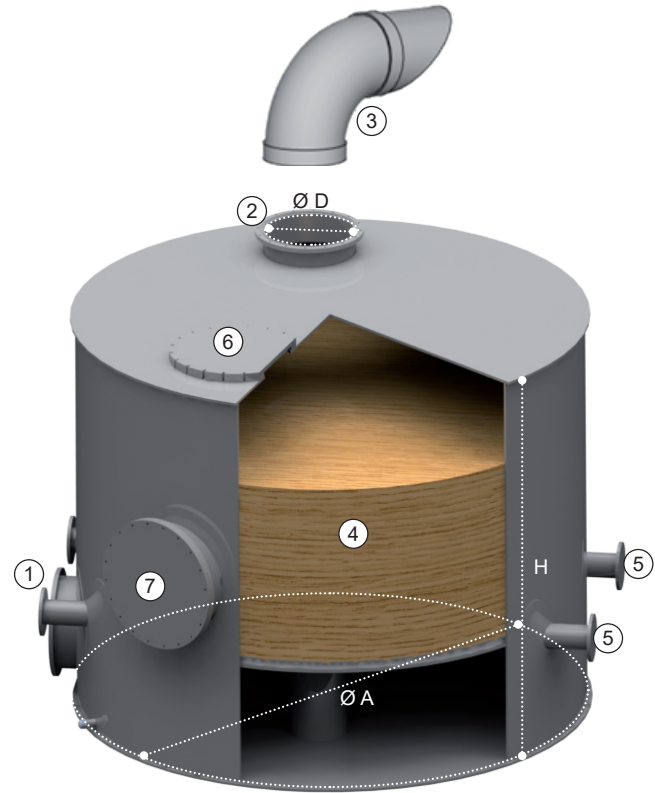
The air flows through the adsorbent medium in a uniform manner by the use of a grate with calibrated openings according to the flow.

The air is purified and then discharged to a remote outlet or directly to the atmosphere.

When the Activated Carbon has reached its saturation, it can be extracted via the discharge hatch and subsequently retreated.



1. Gas inlet
2. Treated gas outlet with flanges (stack in option)
3. Treated gas outlet bended vent with bird screen
4. Activated Carbon
5. Lifting bars
6. Loading hatch
7. Unloading hatch



Technical specifications

SIZE	FLOW max.	Ø A	Ø D	H (height)	VOLUME (carbon height 800 mm)
Unit	m ³ /h	mm	mm	mm	liter (L)
470	180	470	110	1 400	140
700	450	700	160	1 340	310
940	800	940	200	1 560	560
1 250	1 400	1 250	225	1 540	980
1 400	1 900	1 400	250	1 640	1 230
1 600	2 400	1 600	315	1 640	1 600
1 900	3 500	1 900	355	1 690	2 270
2 200	4 500	2 200	400	1 950	3 040
2 400	6 000	2 400	450	1 950	3 620

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