



AyraCarb™ NAT

Solution by adsorption on Activated Carbon

Operation

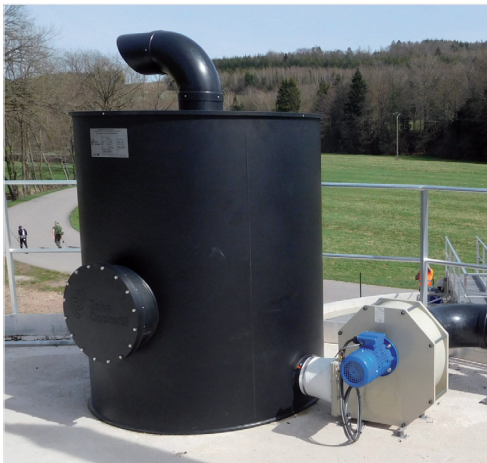
The operating principle of our **AyraCarb™ NAT** is based on the adsorption of pollutants using Activated Carbon. Thus the polluted gas is routed through an adsorbent medium consisting of Activated Carbon pellets.

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

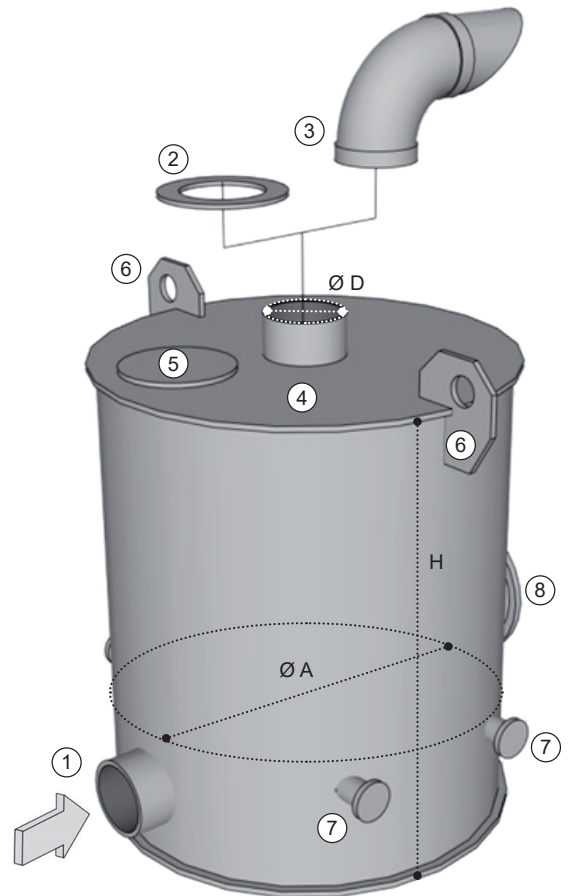
The air flows through the adsorbent medium in a uniform manner by the use of a grate with calibrated openings according to the flow.

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. Loading cover for $\varnothing < 1400$
5. Loading hatch for $\varnothing \geq 1400$
6. Lifting eyes for $\varnothing = 1400$
7. Lifting bars for $\varnothing > 1400$
8. In option: Unloading hatch



Technical specifications

SIZE	FLOW max.	Ø A	Ø D	H (height)	VOLUME (carbon height 800 mm)	Handling	Loading	Option: Unloading via hatch
								Ø
Unit	m ³ /h	mm	mm	mm	liter (L)			
470	180	470	160	1 400	140	-	via removable cover	200
700	450	700	200	1 340	310	-	via removable cover	200
940	800	940	200	1 540	560	-	via removable cover	400
1 250	1 400	1 250	225	1 560	980	-	via removable cover	400
1 400	1 900	1 400	250	1 640	1 230	lifting eyes	via loading hatch Ø 500	400
1 600	2 400	1 600	315	1 640	1 600	lifting bars	via loading hatch Ø 500	400
1 900	3 500	1 900	355	1 690	2 270	lifting bars	via loading hatch Ø 500	400
2 200	4 500	2 200	400	1 950	3 040	lifting bars	via loading hatch Ø 500	400
2 400	6 000	2 400	450	1 950	3 620	lifting bars	via loading hatch Ø 500	400

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