



It's not waste. It's energy.

Activated carbon filter

Maximum filter retention time, simple and fast change of the filter material.



The AAT Activated carbon filter removes disturbing matter like e.g. hydrogen sulfide and siloxane out of biogas, sewage gas and landfill gas.

The models are either made as flat adsorber or packed bed adsorber. The filter can be installed with a low efforts between the digester and the gas consumer. They are maintenance-free and user-friendly. A high retention time can be achieved through using a special treated activated carbon.

Depending on the contamination of the gas with sulphur or siloxane the pollutant concentration can be eliminated up to the detection limit. Through this the efficiency of the plant will be increased and the maintenance costs of the consumer will be considerably reduced.

The activated carbon can be filled in from the top and discharged on on the bottom by using BigBags.

Operation data:

- ✓ Material: 1.440x (SS316) or plastic (polyethylene)
- ✓ Gas quantity: 50 - 1.600 Nm³/h
- ✓ Input temperature: 10 - 38 °C
- ✓ max. operation temperature: up to approx. 50 °C
- ✓ operation pressure: up to max. 300 mbar
- ✓ High retention time through special treated activated carbon
- ✓ Location: indoor and outdoor installation
- ✓ Ambient temperature: - 10 - 42 °C
- ✓ Gas tight bulk material gate valve for discharge

Options:

Galvanised working platform with ladder and railing
Insulation: steam diffusion resistant coated with aluminium plates, suitable for outdoor installation, condensate water protected , Insulation at the openings removable

