Gazpack is a company founded in 2006 which manufactures fully customer-specific installations for cleaning oil gas and biogas. With the patented Sulaway® Gazpack desulphurization method the raw and contaminated biogas is converted into a clean energy source without producing waste products.

- No Waste
- All outgoing streams are reusable
- Low Operational costs
- Protect your companies green image

Gazpack Unit

Sulaway® Unit

The heart of the Gazpack installation

Gazpack is a proud partner of Airpack Netherlands BV.

www.gazpack.nl
The hydrogen sulfide is removed with a special filter. Acid water is created.

Green GasBio or oil gas

The gas is compressed to a pressure of 10 bar (a).

A special filter reduces the CO₂ concentration.

During maintenance, the system is cleaned with nitrogen.

The Sulaway® unit only adds to this sustainable process by providing completely re-usable output streams.

The Sulaway® package is not only capable of removing the sulphur from the raw gas but can also remove CO₂, thus reducing the Carbon Footprint!

The Sulaway® system produces a gas stream which is highly saturated with H₂S, which can be used for several industries as an additive.

The Sulaway® system is closed loop system without waste product.

The Gazpack Sulaway® package has been developed to be installed in the biogas industry to remove heavy carbons such as siloxane. Sulabead® 100® is mechanically strong. Aggressive substances such as oxygen and cyanide do not harm the effectiveness of the Sulabead®.

Increased fertilizer quality (for biogas only)

The removed ammonia from the cattle stable can be used to enhance the quality of the leftover manure, increasing its fertilising capabilities substantially.

Removal of heavy carbons

Our patented system also has the capabilities to remove heavier carbons such as siloxane.

Solid construction

Our packages are built to the highest of standards (gas technology market) not only taking quality and safety into consideration but also the environmental impact is considered.

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H₂S converted into a usable bi-product

Gazpack removes the sulphur content and generates and highly concentrated H₂S gas stream.

No Waste Products

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Our packages are built to the highest of standards (gas technology market) not only taking quality and safety into consideration but also the environmental impact is considered.

No odour and gas leakages

We use state of the art processes to ensure that our package does not leak any odour or gases into the atmosphere.

Features of the Sulaway® Unit

Safety features

All pressure regulated instruments are pneumatically controlled. In case of an emergency, the installation will automatically stop and instruments will be directed to their safe positions.

Gas Enclosure

The unit is completely enclosed by a gas tight enclosure. In case of an emergency or gas leak the installation is stopped and the necessary safety procedures are conducted. There is always a backup supply of Nitrogen to have a safe shutdown.

Energy usage

The complete energy balance of the Sulaway® system is worked out and monitored by the company so as to optimise the Sulabead® process.

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Clean Gas

Sulphur is reduced to a level of less than 50ppmV, producing a green gas stream ready to be used and even suitable to be added to the natural gas network.

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History of Gazpack

Gazpack was founded in 2006 as a research division under Airpack Nederland BV. Airpack’s activities in the international oil and gas business led to the question of founder Mr. JP Warnar as to how gas flaring could be reduced or converted to a usable product, resulting in the development of the unique patented Sulaway® package.

The Sulaway® Unit

The Sulaway®unit at the heart of the Gazpack installation. The saturated raw gas enters directly into the gas purifier, via a pressurised process and using our patented Sulabead® the raw biogas is converted into three outgoing flows.

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