A guaranteed & cost effective solution for long term siloxane removal

Our five step comprehensive package guarantees to remove siloxanes from your landfill or digester gas for a minimum of five years.

Your risk free siloxane removal solution includes:

1. A Detailed Onsite Audit – to confirm the exact parameters and goals of your application
2. A GES Siloxane Removal System – individually designed to meet your specific needs
3. Factory Start Up & Commissioning – to ensure your satisfaction from the very first day
4. Validation, Calibration & Media Replacement – included at a fixed cost for 5 years
5. Guaranteed Performance & Quality – a 5 year money back performance guarantee
How it works

The GES Siloxane Removal System is the only regenerative system that is proven to continuously meet or exceeds the original equipment manufacturer’s specifications for fuel gas siloxane content. While one tower adsorbs siloxane using a specialized blended media the other regenerates, exhausting the collected siloxane to a flare or thermal oxidizer. The cycle is fully adjustable allowing it to handle a wide range of gas qualities or to adjust to changing gas conditions.

Each system is individually designed to meet the specific needs of your application as determined by a detailed on site audit, and is commissioned by a factory professional to ensure your complete satisfaction.

Each system also includes an optional 5 Year Performance Guarantee, validated by monthly gas samples taken by factory trained service professionals. Laboratory gas analysis, calibration, and element and media replacement is included at a fixed cost for the duration of the guarantee.

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<th>Guaranteed siloxane removal - for an investment of only 0.2 to 0.6 cents* per kWh</th>
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<td>* Typical cost intended for reference only. Actual cost depends upon the type of combustion equipment used, and the specific parameters of your application.</td>
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Common applications

- Landfill Gas
- Digester Gas
Who we are

Parker Hannifin Corporation is the world’s leading diversified manufacturer of motion and control technologies and systems. Parker spans the globe with over $12 Billion in annual sales, 62,000 employees, and 298 manufacturing plants in 135 divisions. Parker’s engineering expertise spans motion control, fluid handling, filtration, sealing and shielding, climate control, process control and aerospace technologies. Parker partners with customers to improve their productivity and profitability.

Green Energy Solutions (GES) is a line of products designed by Parker Hannifin specifically for the biogas industry.

Other products available through Green Energy Solutions:

- Air & Gas Filters & Separators
- Air Cooled Heat Exchangers
- Industrial Water Chillers
- Desiccant Dryers
- Validated Sterile Filers
- Condensate Products
- CO₂ Purifiers
- Breathing Air Packages
- Refrigerated Dryers
- Gas Generators
- Protective Systems

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