



GREENLANE
BIOGAS™



Water Wash Technology for Biogas Upgrading

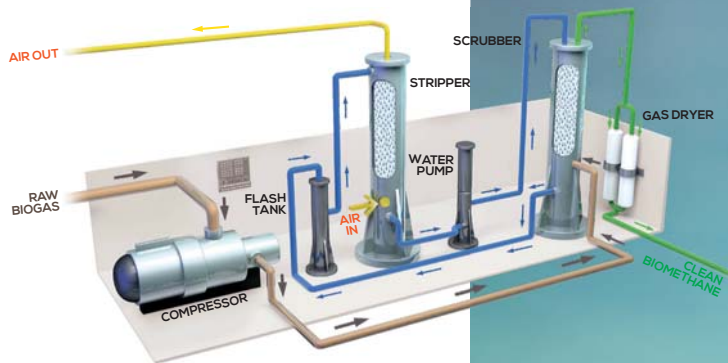
Greenlane is the global leader in biogas upgrading. Number one in global market share, Greenlane has 30+ years of experience including 100+ installations in 18 countries and the two largest biogas upgrading systems in the world. No one else even comes close. Plus, as the only provider to offer all three upgrading solutions (water wash, PSA and membrane) only Greenlane offers unbiased technology selection and multiple technology solutions.

Our exclusive water wash technology is the most popular technology in the world for biogas upgrading. It efficiently removes up to 99% of CO₂ as well as H₂S, siloxanes and VOC's in a single process, without heat chemicals, and without any pre-treatment. No gas flow or contaminant level is too high. Suitable for any biogas source and able to achieve virtually any pipeline or CNG specification, this is the most economical and most reliable biogas upgrading system on the market today.

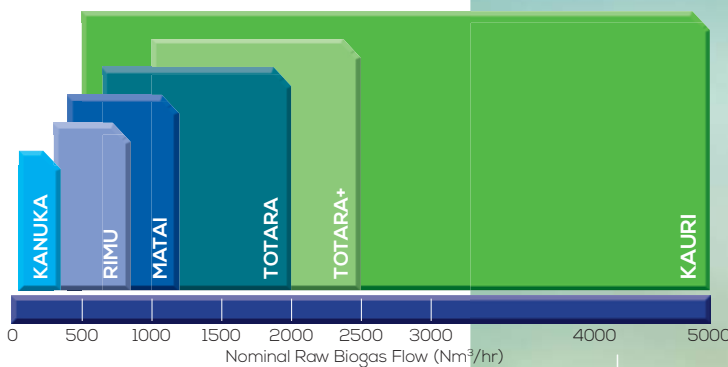


- Efficiently removes CO₂, H₂O, H₂S, VOCs & siloxanes •
- Guaranteed purity, recovery & uptime •
- Perfect for landfill, wastewater or digester gas •
- Maximum performance at minimal operating cost •
- 24/7/365 on call technical support •

How it works: The raw biogas gas is compressed and then flows upwards through the scrubbing tower where it passes through a cascading stream of water. The CO₂, H₂S, siloxanes and VOC molecules are absorbed by the water but the CH₄ passes through, resulting in a continuous uninterrupted stream of high purity renewable natural gas (RNG). The gas is then dried. The water is used over and over in a closed loop, adsorbing CO₂ from the gas, then releasing it into an exhaust stream of air.



Model range: With models from 50 to 5000 m³/hr (30 to 3000 scfm) you can choose between a single system or multiple systems to match any flow rate with any turn-down capacity. Designed for quick and easy installation, these systems have a small footprint and optional process and control room enclosures. Plus their modular design provides the flexibility to meet your changing gas conditions today and allow for future expansion tomorrow. Contact us to see a system in operation near you.



Contact us: There's a good reason why Greenlane is the global leader in biogas upgrading. Contact us today for an unbiased comparison of our water wash, PSA and membrane technologies to see which is the best solution for your application.



**GREENLANE
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