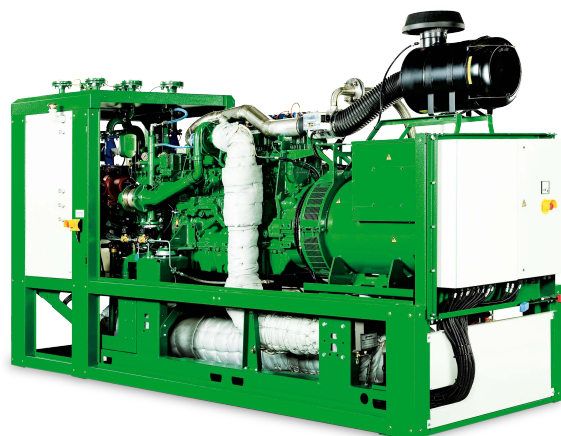


# agenitor. 80 - 450 kW. biogas.

## Evolution in efficiency.

The agenitor by 2G is the result of intensive work by the 2G research and development team. Improving combustion chamber geometry has made it possible to increase the efficiency of the agenitor significantly.

- Highly efficient power plant with optimized gas engine
  - and therefore lower fuel costs
- Modular design facilitates installation in hard to reach places
- Very reliable even in regular start-stop operation thanks to highly wear-resistant engine components
- Resilient and low-maintenance
- Available as a twin pack configuration with two modules per container for twice the power



Type	Configuration	Output		Efficiency		
		Electrical	Thermal	Electrical	Thermal	Total
agenitor 404	at135-0	80 kW	341 MBTU	35.2 %	44.1 %	79.3 %
agenitor 404	bt135-0	100 kW	406 MBTU	37.0 %	44.0 %	81.0 %
agenitor 404	ct135-0	160 kW	580 MBTU	39.7 %	42.0 %	81.7%
agenitor 406	ct135-0	250 kW	887 MBTU	41.3 %	42.9 %	84.2 %
agenitor 408	ct135-0	360 kW	1306 MBTU	40.9%	43.6 %	84.5 %
agenitor 412	ct135-0	450 kW	1555 MBTU	40.2 %	40.8%	81.0%

## applications.



Biogas Plants



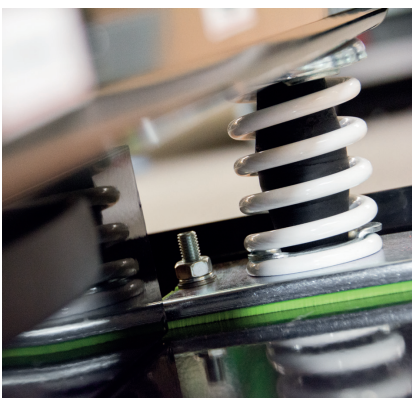
Waste Water Treatment Plants



Agricultural Businesses



Landfill Sites



# Waste Water Treatment Plant Missoula, MT

**agenitor 206**  
Biogas



## Fast Facts:

**Location:** Missoula, MT

**Generating Capacity:** 220 kW

**Configuration:** Container Module

**Extras:** Biogas Treatment System,  
Siloxane Removal

## About the Site:

The city of Missoula, Montana has a number of green initiatives that have been undertaken in recent years, including recycling, repurposing, and resource recovery. The newest addition is the methane gas to electricity initiative at the wastewater treatment plant.

### Details:

- Generating \$8,000 per month of electricity
- 25% of the plant's electric bill
- Treating 7.5 million gallons of raw sewage per day

### Application:

On this site, wastewater comes into the plant and when it exits, it becomes compost, trees and energy. Where they used to burn off the excess methane to heat the plant, if there was no demand for it, it would be flared off. Now, they are going to be near 100% usage of the methane with the 2G Energy agenitor 220 kW CHP system. The methane is turned to electricity for the plant.

