**MICRO BIOGAS PLANT FOR SALE**

**GASCONTROL offers for sale container biogas station. It is a dry fermentation process
with the performance of 15-30 kW.**

**Composition of the device:** - Container – fermenter I

* Container – fermenter II
* Contajner - Cogeneration, Heat engine room and substation
* Gas Holder
* Heat distribution, process water (percolate), heating, biogas
1. **Container – fermenter I:** Height - 3 000 mm

Width – 3 450 mm

Length – 14 730 mm

Container I consist of:

* + Dual coat container, including insulation
	+ 2x fermentation chamber chamber with heating and system for sprinkling of process water
	+ Engine room for heat and process water distribution, process water tank
	+ Safety valves
	+ Pneumatic valves
	+ Exhaust fan
	+ Sensors for gas pressure and temperature measuring
1. **Container– fermenter II:** Height - 3 000 mm

Width – 3 450 mm

Length – 14 730 mm

Container II consist of:

* + Dual coat container, including insulation
	+ 2x fermentation chamber chamber with heating and system for sprinkling of process water
	+ Engine room for heat and process water distribution
	+ Safety fittings
	+ Pneumatic fittings
	+ Sensors for gas pressure and temperature measuring
1. **Container of cogeneration:** Height - 2 750 mm

Width – 2 500 mm

Length – 4 000 mm

Cogeneration container consist of:

* + Container
	+ TEDOM T30 Cogeneration Unit
	+ Emergency cooling for CHP unit
	+ Gas boiler for heating of fermenters (at the same time it fulfills the function of flare)
	+ Builer burner – biogas, propane butane
	+ Biogas analyzer incl. adjustments
	+ Silencer and flue gas duct
	+ Electrical substation
1. **Gas storage – Gas Holder** – installation on the roof of Container I

Diameter – 2 600 mm

Length – 14 500 mm

Gas Holder consist of:

* + Gas-tight bag
	+ Supporting and protective structure
	+ Filling sensor and Safety sensors
	+ Control and safety fittings
	+ Flanges and connecting pipes
	+ Lightning rod
1. **Distributin**
	* Biogas distribution
	* Heat distribution
	* Process water distribution

**TOTAL PRICE WITHOUT VAT: 4,9 mil. CZK / 192 900,- EUR**

Price does not include shipping and handling, assembly

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