

BIOGAS/SEWER GAS

BIOGAS CHP UNIT UTILISING CONDENSING TECHNOLOGY



FEUCHT AGROGAS GMBH

Stockacherstr. 64, 78359 Orsingen- Nenzingen, Germany

The modular Bomat Profitherm O3-KK-1064-MT-4-9-6 condensing heat exchanger is installed as a downstream exhaust gas heat exchanger. The heat recovered is used to heat the fermenter.

Heat source:	Senergie BG9408TIE - 300 kW
Fuel:	● Fuel oil ● Natural gas ● Sewer gas ● Biogas
Exhaust gas heat exchanger:	O3-KK-1064-MT-4-9-6 (year of manufacture: 2021)
Exhaust gas temperature:	approx. 200°C (upstream of HE) ➡ approx. 65°C (downstream of HE)
Coolant temperature:	approx. 50°C (upstream of HE) ➡ approx. 58°C (downstream of HE)
Heat recovery per year:	approx. 550,000 kWh
CO ₂ reduction per year:	approx. 110,000 kg
Plant construction:	Heizungs- und Sanitärtechnik Erhart GmbH, Zähringerstraße 7, 78183 Hüfingen-Fürstenberg

➡ Estimated payback period **less than 3 YEARS.**



MADE IN
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