BIOGAS/SEWER GAS

BIOGAS CHP UNIT UTILISING CONDENSING TECHNOLOGY

REFERENCE PROJECT

GÖTZ BIOENERGIE GMBH & CO. KG

Ried 3, 85229 Markt Indersdorf

At the "Rieder Strasse" satellite site, the residual heat from the exhaust gas of a Hagl CHP unit is utilised by means of a BOMAT exhaust gas heat exchanger cascade. The two BOMAT 03-KK-1064-MT-4-9-6 exhaust gas heat exchangers from the modular Profitherm series are installed in the bypass on the exhaust gas side. The extracted heat is fed into the heating system via a return temperature raising facility.

Heat source:	Hagl BIOGAS BHKW 400 kW
Fuel:	○ Fuel oil ○ Natural gas ○ Sewer gas ● Biogas
Exhaust gas heat exchanger:	2 x 03-KK-1064-MT-4-9-6 (year of manufacture: 2022)
Exhaust gas temperature:	approx. 180°C (upstream of HE) ➔ approx. 75°C (downstream of HE)
Coolant temperature:	approx. 65°C (upstr. of HE) ➔ approx. 73°C (downstr. of HE)
Heat recovery per year:	approx. 300,000 kWh
CO_2 reduction per year:	approx. 60,000 kg
Plant construction:	Edelstahl Huber, Gottlieb-Daimler-Straße 10-12, 86807 Buchloe

➔ Estimated payback period **approx. 3–4 YEARS.**

HUBER
Qualität aus **Edelstahl**

MADE IN GERMANY

BOMAT Energiesysteme GmbH

Zum Degenhardt 49 T +49 (0) 7551.80 99 70 info@bomat.de
88662 Überlingen F +49 (0) 7551.80 99 71 www.bomat.de