



REFERENCE PROJECT

ERSTE BIOGAS OCHOLT GMBH & CO. KG

BioBG GmbH, Webers Flach 1, 26655 Ocholt, Germany

A BOMAT 07-GG-1046-MT-4-9-3 unit is installed in the bypass on the exhaust gas side. The heat recovered is supplied to the heating network on the water side via the fermenter return, as a return temperature raising facility.

Heat generator:	Jenbacher JMS 312 GS-BL 625 kW el.
Fuel:	<input type="radio"/> Fuel oil <input type="radio"/> Natural gas <input type="radio"/> Sewer gas <input checked="" type="radio"/> Biogas
Exhaust gas heat exchanger:	07-GG-1046-MT-4-9-3 (year of manufacture: 2014)
Exhaust gas temperature:	approx. 200 °C (upstream of heat exchanger) ➔ approx. 75 °C (downstream of heat exchanger)
Coolant temperature:	approx. 50 °C (upstream of heat exchanger) ➔ approx. 58 °C (downstream of heat exchanger)
Heat recovery per year:	approx. 840,000 kWh
CO₂ reduction per year:	approx. 168,000 kg
Plant construction:	BioBG GmbH, Webers Flach 1, 26655 Ocholt, Germany

➔ Estimated payback period: **less than 3 YEARS.**



BOMAT Heiztechnik GmbH

Zum Degenhardt 49
88662 Überlingen

T +49(0)7551.80 99 70
F +49(0)7551.80 99 71

info@bomat.de
www.bomat.de

A member of the
puren Group

