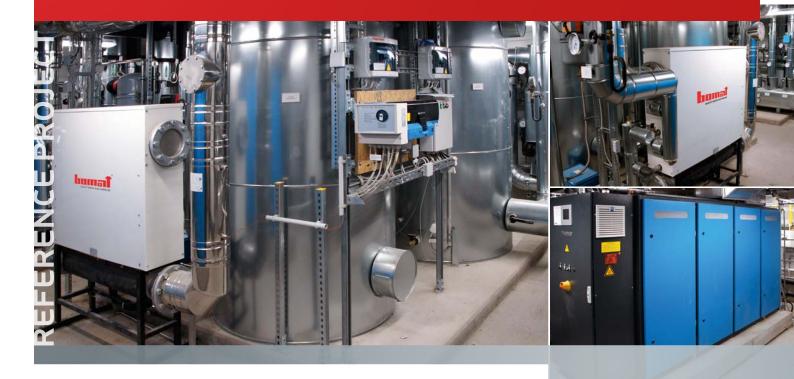
## **CHP UNIT**



## UTILISATION OF CONDENSING TECHNOLOGY IN A BUDERUS NATURAL GAS CHP UNIT



## **BOSCH THERMOTECHNIK GMBH**

TETEC AG, Aspenhaustraße 18, 72770 Reutlingen, Germany

The BOMAT O2-GG-1032-MT-4-9-3 exhaust gas heat exchanger is installed as a condensing heat exchanger downstream of a Buderus Loganova EN 70 CHP unit. The heat is supplied to the heating system for return temperature raising.

**Heat source:** Buderus Loganova EN 70

Fuel: • Fuel oil • Natural gas • Sewer gas • Biogas

**Exhaust gas heat exchanger:** 02-GG-1032-MT-4-9-3 (year of manufacture: 2018)

**Heat recovery per year:** approx. 136,000 kWh **CO<sub>2</sub> reduction per year:** approx. 27,200 kg

Plant manufacturer: Wiegel Gebäudetechnik GmbH,

Albert-Ruckdeschel-Straße 11, 95326 Kulmbach, Germany

Estimated payback period less than 3 YEARS.

## BOMAT Energiesysteme GmbH \_

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