

BOMAT EXHAUST GAS HEAT EXCHANGER FOR HEATING DOMESTIC HOT WATER AND POOL WATER

REFERENCE PROJECT

RIFF SPA AND LEISURE POOL

BBK Bad Lausicker Bauorganisations-, Betriebs- und Kur GmbH,
Am Riff 3, 04651 Bad Lausick, Germany

The O5-GG-1046-NT-4-K-3 is installed in the bypass on the exhaust gas side. A fan draws the exhaust gas from the chimney and feeds it into the heat exchanger. The heat recovered is used to preheat domestic hot water and pool water.

Heat generator:	Omnimat 16 PGA 260
Fuel:	<input type="radio"/> Fuel oil <input checked="" type="radio"/> Natural gas <input type="radio"/> Sewer gas <input type="radio"/> Biogas
Exhaust gas heat exchanger:	O5-GG-1046-NT-4-K-3 (year of manufacture: 2005)
Exhaust gas temperature:	approx. 95 °C (upstream of HE) ➔ approx. 60 °C (downstream of HE)
Heat recovery per year:	approx. 150,000 kWh
CO₂ reduction per year:	approx. 30,000 kg
Plant manufacturer:	B + M Heizung-Sanitär-Bau GmbH, Forststraße 20, 04683 Naunhof, Germany

➔ Payback period **less than 5 YEARS.**

**BOMAT Heiztechnik GmbH**

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