

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



### 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.

<b>Heat generator:</b>	Omnimat 16 PGA 260
<b>Fuel:</b>	<input type="radio"/> Fuel oil <input checked="" type="radio"/> Natural gas <input type="radio"/> Sewer gas <input type="radio"/> Biogas
<b>Exhaust gas heat exchanger:</b>	O5-GG-1046-NT-4-K-3 (year of manufacture: 2005)
<b>Exhaust gas temperature:</b>	approx. 95 °C (upstream of HE) ➔ approx. 60 °C (downstream of HE)
<b>Heat recovery per year:</b>	approx. 150,000 kWh
<b>CO<sub>2</sub> reduction per year:</b>	approx. 30,000 kg
<b>Plant manufacturer:</b>	B + M Heizung-Sanitär-Bau GmbH, Forststraße 20, 04683 Naunhof, Germany

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

**BOMAT Energiesysteme GmbH**

Zum Degenhardt 49 T +49 (0) 75 51.80 99 70 info@bomat.de  
88662 Überlingen F +49 (0) 75 51.80 99 71 www.bomat.de

