

**BOMAT FLUE GAS HEAT EXCHANGER FOR HEATING
DOMESTIC HOT WATER AND POOL WATER****HEIDE SPA HOTEL & RESORT**

Kurbetriebsgesellschaft Dübener Heide mbH, Bitterfelder Str. 42, 04849
Bad Dübener, Germany

The O6-GG-1046-NT-4-K-3 is installed in the bypass on the flue gas side. A fan draws the flue gas from the chimney and feeds it into the heat exchanger. The heat recovered is used to pre-heat domestic hot water and pool water.

Heat generator:	Omnimat 16.1 PGA 125
Fuel:	<input type="radio"/> Fuel oil <input checked="" type="radio"/> Natural gas <input type="radio"/> Sewer gas <input type="radio"/> Biogas
Flue gas heat exchanger:	O6-GG-1046-NT-4-K-3 (year of manufacture: 2007)
Coolant temperature:	approx. 25 °C (upstream of HE) ➔ approx. 35 °C (downstream of HE)
Heat recovery per year:	approx. 220,000 kWh
CO₂ reduction per year:	approx. 44,000 kg
Plant manufacturer:	B + M Heizung-Sanitär-Bau GmbH, Forststraße 20, 04683 Naunhof, Germany

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

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