

HEATING

FLUE GAS HEAT EXCHANGER FOR
UTILISING OIL CONDENSING TECHNOLOGY

REFERENCE PROJECT

**PARKHOTEL ST. LEONHARD**

Obere St. Leonhardstraße 71, 88662 Überlingen

In 2005 a new SE635 Buderus oil boiler (280 kW) with a downstream BOMAT O1-GG-1064-NT-4-K-3 flue gas heat exchanger is installed, connected to an energy storage device for legionella-free domestic hot water heating, and integrated into the heating system.

Heat generator:	Buderus oil boiler SE635 (280 kW)
Fuel:	<input checked="" type="radio"/> Fuel oil <input type="radio"/> Natural gas <input type="radio"/> Sewer gas <input type="radio"/> Biogas
Flue gas heat exchanger:	O1-GG-1064-NT-4-K-3 (year of manufacture: 2005)
Heat recovery per year:	approx. 50,000 kWh
CO₂ reduction per year:	approx. 13,000 kg
Plant manufacturer:	Bommer GmbH, Rengoldshauser Str. 12, 88662 Überlingen, Germany

➔ Payback period **less than 3 YEARS.**

**BOMAT Energiesysteme GmbH**

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