

CHP UNIT

BOMAT CONDENSING TECHNOLOGY IMPROVES ENERGY BALANCE



PARKHOTEL ST. LEONHARD

Obere St. Leonhardstraße 71, 88662 Überlingen, Germany

In 2012 a Messerschmidt/PowerTherm CHP unit with 20 kW el. is installed in addition to the BOMAT O1-GG-1064-NT-4-K-3 flue gas heat exchanger installed in an oil boiler in 2005. A BOMAT flue gas heat exchanger is also used downstream. The BOMAT O1-GG-1522-NT-4-K-6 from the CHP series is installed in the heating system via an energy storage device.

Heat generator:	PowerTherm 20 CHP unit
Fuel:	○ Fuel oil ○ Natural gas ○ Sewer gas ○ Biogas
Exhaust gas heat exchanger:	O1-GG-1522-NT-4-K-6 (year of manufacture: 2012)
Heat recovery per year:	approx. 48,000 kWh
CO₂ reduction per year:	approx. 9,600 kg
Plant manufacturer:	Bommer GmbH, Rengoldshauser Str. 12, 88662 Überlingen, Germany

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

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