

# CHP UNIT

## SOKRATHERM CHP UNIT UTILISING CONDENSING TECHNOLOGY

REFERENCE PROJECT



## KLINIKUM AM WEISSENHOF HOSPITAL

Weissenhof 1, 74189 Weinsberg, Germany

The BOMAT O2-GG-1032-MT-4-9-3 exhaust gas heat exchanger is integrated on the exhaust gas side of a Messerschmidt CHP unit. The heat recovered is fed back into the heating system on the water side, by means of a return temperature raising facility.

<b>Heat generator:</b>	Sokratherm GG 237 CHP unit
<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>	O2-GG-1032-MT-4-9-3 (year of manufacture: 2012)
<b>Heat recovery per year:</b>	approx. 115,000 kWh
<b>CO<sub>2</sub> reduction per year:</b>	approx. 23,000 kg
<b>Plant manufacturer:</b>	Messerschmid GmbH, Im Breitenfeld 20, 79848 Bonndorf im Schwarzwald, Germany

➔ Estimated payback period **less than 3 YEARS.**

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