

HEATING

**THREE BUDERUS OIL BOILERS
UTILISING CONDENSING TECHNOLOGY**

REFERENCE PROJECT

**SCHÖNECK SPORTS COLLEGE**

Badischer Fußballverband e.V., Sepp-Herberger-Weg 2, 76227 Karlsruhe, Germany

Condensing technology is utilised in three GE515 Buderus oil boilers by our O1-GG-1064-NT-4-K-3. The HR output is up to 30 kW per heat exchanger. The heat is fed in the bypass system into the hydraulic network, by means of a return temperature raising facility.

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| Heat generator: | 3x Buderus GE515 (approx. 290 kW) |
| Fuel: | ○ Fuel oil ○ Natural gas ○ Sewer gas ○ Biogas |
| Flue gas heat exchangers: | 3 x O1-GG-1064-NT-4-K-3 (year of manufacture: 2010) |
| Heat recovery per year: | approx. 180,000 kWh (for all three boilers) |
| CO₂ reduction per year: | approx. 46,800 kg (for all three boilers) |
| Plant manufacturer: | Imtech GmbH, Greschbachstraße 6, 76229 Karlsruhe, Germany |

➔ Payback period **less than 3 YEARS.****BOMAT Energiesysteme GmbH**

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