



M.W.Kellogg Ltd., Middlesex

Product specification

- BUDERUS SB615 640kW Stainless Steel Boiler x3
- BUDERUS 4311 Master Controller
- BUDERUS 4312 Slave Controller
- BUDERUS FM447 Sequencing Module

M.W. Kellogg Ltd (MWKL) is a full-service engineering contractor primarily serving the hydrocarbon marketplace. Their impressive HQ and worldwide operations centre in Greenford, Middlesex employs around 1500 people in a 9-storey high, 178,500 square feet building.

Following a consultation with Scion technical services, and an in-depth assessment of heat demands and requirements, a decision was made to replace the rather outdated heating equipment with 1.9MW system comprising three Buderus SB 615 640kW stainless steel condensing boilers. Scion's Malcolm Bavin advised on the options, "We were keen to specify high quality boilers with reliability and longevity being key factors. The Buderus SB range of stainless steel condensing boilers was highly competitive on capital costs and offered excellent potential for fuel cost savings. We were also very impressed with the Buderus approach to business, especially with regards to technical advice and ongoing support".



The new design incorporates an improved hydraulic layout using a low loss header and individual shunt pumps for each boiler, which replaced the existing large common shunt pump. This arrangement gives simplified control over the flow through the boilers and significant savings in electrical power consumption.

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For MWKL a key requirement was to also to reduce the building's carbon footprint. "We wanted the latest in high efficiency to reduce carbon and NOx emissions in line with the forthcoming Building Regulations upgrade due in 2010" says Les Hill Building Officer for MWKL. "We believe we have made all the right decisions to achieve this goal". Buderus SB boilers, as used for this installation, are included on the Carbon Trust's Energy Technology List which has allowed MWKL to also apply for an ECA grant for its investment in energy-saving equipment.

Intelligent Heating Solutions

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In the UK, Buderus is a brand name of Bosch Thermotechnology Ltd., Cotswold Way, Warndon, Worcester, WR4 9SW