

English Partnerships – London

Product specification

- BUDERUS GB162 Condensing
Multi-boiler Cascade System
(100kW x 4)

In its role as the country's National Regeneration Agency, English Partnerships plays a decisive part in supporting high quality sustainable growth in England. In particular its programmes for new homes built on sustainable criteria, as part of its wider remit to tackle housing and regeneration issues in designated areas of the country.



So when it came time to renovate their own London offices in Buckingham Palace Road, sustainable principles were naturally an essential requirement in all aspects of the upgrading, especially in the choice of heating system.

MBE Consultants of Coventry were asked to advise on the most efficient replacement of the old boilers and worked closely with the Buderus to determine a cost and establish where the biggest energy savings could be made. After a thorough review of the heating requirements, and estimating the annual heat demand, a cascade system of four Buderus GB162 100kW output boilers was specified to achieve maximum energy benefits, easy installation, and low cost future maintenance.

The Buderus GB162 was ideally suited to this installation where the existing boiler house offered limited space, had restricted access and is situated on the top floor of the building. The lightweight and small footprint of the GB162 eliminated any requirement for craning as boilers and cascade components could be simply carried into position ready for installation. Automatic modulation down to just 19kW of total output is also possible for periods where demand for heat is low.

The Buderus GB162 has been designed specifically for buildings requiring a modern, ultra-efficient heating system. Available in 65kW, 80kW or 100kW outputs the compact wall hung condensing boiler can be installed individually or as part of a multi-boiler system with up to eight boilers arranged either in line or back-to-back to provide a highly versatile heating installation which substantially increases system design options.

Intelligent Heating Solutions

Buderus

For more details on this and other Buderus fuel efficient installations
please visit www.buderus.co.uk or call us for a quotation on (01905) 752 794

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