

Greenbank Primary School, Cheshire

Product specification

- BUDERUS GE315 High Efficiency Cast-Iron Boilers x 3
- BUDERUS 4311 Series Master Controller x 1
- BUDERUS 4312 Series Slave Controller x 2
- BUDERUS FM442 Heating Circuit Module x 1
- BUDERUS FM447 Strategy Module x 1

Greenbank school is one of 15 projects which form a partnership agreement between Cheshire County Council, Mitie Engineering and Buderus. Projects range from schools to council offices and involve the Buderus GE cast iron range as well as new wall mounted GB162 boilers used in a linked multi-boiler cascade systems. The Buderus range was chosen by Mitie following an extensive selection process where Buderus's product range and technical support services were key factors in their selection.

Three Buderus GE315 200kW cast iron boilers replaced the existing 20-year old boilers at Greenbank. The new, high efficiency boilers utilise the existing radiators and pipework to meet the heating needs of the whole school and the associated accommodation blocks for the residential students.

Buderus cast iron boilers were chosen in preference to a condensing boiler system as the existing installation has a high water volume with high flow and return

temperatures to meet the heavy ongoing regular demand pattern. In these circumstances a condensing boiler would not have operated in condensing mode for sufficient periods to make it an economical or efficient option.

The Buderus GE315 cast iron boiler is an especially good choice for replacements of high water content and high flow/return temperature systems. Buderus cast iron boilers exceed current legislation under Building Regulations Part L in their own right, achieving efficiency levels above the required 84% seasonal efficiency for new, single boiler installations. Combine them with an intelligent controls system, and even greater energy savings are possible.



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