

ATAG COMMERCIAL HELPS HEAT BRISTOL GRAMMAR SCHOOL



Sector: Education
Boiler: XL Series

Nine XL140 and four XL70 boilers from ATAG Commercial have been installed at Bristol Grammar School in University Road, Bristol, as part of an extensive heating system refurbishment. Seven of the XL140 boilers are in the school's main plantroom, while the other two are located in the Sixth Form Block.



There are two XL70 units in the Junior & Infant Block, with the remaining pair housed in the school's Princess Anne Building. The boilers were fitted by Bristol-based Octagon Heating Services Ltd.

The XL140 boilers in the main plantroom were installed with a plate heat exchanger instead of a low velocity header, allowing the school's heating system to remain open-vented and the boiler circuit pressurised. Plus, the plate heat exchanger also protects the new boilers from any debris entering them from the old heating system.

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Julian Hopkins

**Managing Director,
Octagon Heating Services Ltd**



XL Series

Commenting on the installation, Julian Hopkins, Managing Director, Octagon Heating Services Ltd, said: "We have worked with ATAG Commercial on dozens of projects since 2006, so are well aware of the quality and efficiency of their boilers. The XL140s were chosen for this particular project due to the combination of their high efficiency, reliability, 5-year warranty and prefabricated header system. Plus, all our engineers have been trained to commission, service and repair ATAG boilers, so they were the natural choice for this job."

The XL140 boilers were installed in July 2017, while the XL70 units in the Princess Anne Building and Junior & Infant Block were fitted in 2015 and 2014 respectively.

In terms of the boilers' environmental credentials, Julian added: "Octagon Heating Services and our clients are always careful to use equipment that exceeds the requirements for emissions, including NOx. ATAG Commercial boilers boast low NOx values, whereas some of the original units from the school used pressure jet type burners; as a result, energy efficiency will improve. In addition, fuel savings are regularly achieved when we replace aged boilers with newer, more efficient models."

The XL Series from ATAG Commercial boasts impressive performance, reliable engineering and flexible cascade arrangements, as well as a renowned stainless steel heat exchanger and speed-controlled pump. Quick and simple to install, these boilers are available in outputs of 70kW, 110kW and 140kW, with all models benefitting from low NOx values.



For specifiers demanding the highest levels of efficiencies, the XL and its stainless steel heat exchanger are sure to deliver.

- Powerful outputs from 70kW up to 960kW
- Low NOx emissions of less than 30mg/kWh
- Flexible cascade design available in-line, back to back or free standing