

Case Study for Burner Management Units at Alec Hunter Academy



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The Green Consultancy Inc. Limited were engaged by the Alec Hunter Academy to advise on how they could reduce their energy consumption and expenditure the school.

One of the recommendations was to install Burner Management Units (BMU) to their three boilers.



This technology is designed to alter the firing pattern of the boiler to improve their energy efficiency, without impairing the performance of the boilers.

The BMU's used are the only BMU's in the UK which are certified by the Building Research Establishment (BRE).

The BRE conclusion after testing the units over a number of months, state that the BMU's will save a minimum of 16% of gas consumption of standard atmospheric boilers.

This is effectively a guarantee of the performance of the units.

An impressive feature of the BMU's is its ability to monitor it's own performance. This information can then be accessed on line using a PC, laptop, tablet or smart phone.

Alec Hunter Academy

As the school had recently become an Academy they were cautious with spending large sums of money without seeing a return on their investment

After seeing the potential returns for themselves they decided to go ahead with the installation of 3 Burner Management Units on their Remeha boilers.

The cost of the installation of the 3 BMU's totalled £5,700, and had an estimated return on investment of 11 months.

As you can see, the savings the units have made thus far is just over 20%%. This means the actual return on investment is an excellent 10 months!

Angi Copus, Business Manager for Alec Hunter Academy said this about the Burner Management Units installed.

"Initially we were very cautious of installing something to our boilers as we were a new Academy, and previously this was dealt with by the council. From seeing the positive testimonials from installing the burner management units, we decided to go-ahead. From the moment they went in we immediately saw a reduction in our gas consumption, and are glad we decided to take the plunge. They have undoubtedly saved us a lot of money."