



Broadgate Estates Achieves Gas Savings of 25% With Autoflame Systems

Broadwalk House is based in the heart of the 'Square Mile' in the city of London, part of Broadgate Estate's portfolio. Standing 41 meters high, Broadwalk House was built in 1990 and is home to a variety of commercial organisations.

Broadgate Estates wanted to look at cost effective ways to improve the efficiency of their estate and reduce their carbon footprint. Led by their 'assets for owners, buildings for people' motto, they needed to ensure the highest level of facilities were available to clients, whilst at the same time reducing the buildings energy use.

Autoflame were approached to help them achieve this. Since the installation of Limpsfield Burners with integrated Mini Mk7 Controller Combustion Management Systems, a gas saving of 25% has been seen.

Utilising the existing boilers, Autoflame replaced the burners to help improve overall reliability and achieve optimum combustion conditions. To minimise costs and reduce labour time on site Limpsfield Pod Burners were used - these are an innovative design which house the Autoflame Mini Mk7 burner control within an easily accessible pod on the burner itself.

New gas trains were also included as part of this boiler room upgrade. The installation lasted just over 1 week and Broadgate Estates were impressed by the level of service received and quality of engineers.

Existing Equipment:

Dated, inefficient burners

Solution:

Limpsfield pod burners with integrated Autoflame Mini Mk7 Control System

Benefits:

- Energy and cost savings
- Reduced operating costs
- Reduced emissions
- Improved productivity
- Increased combustion efficiency
- Gas Savings of 25%



Before



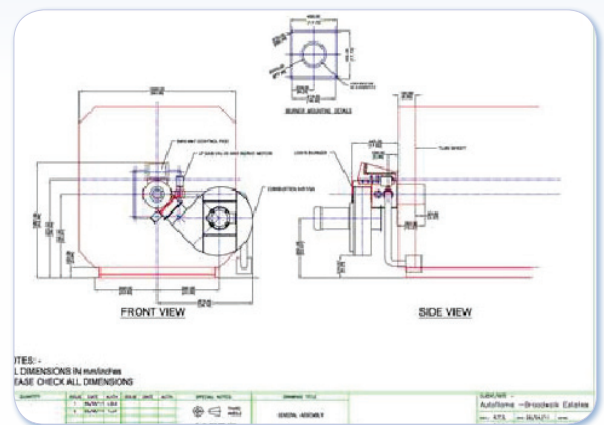
After

Several months after the installation Autoflame worked with Broadgate Estates Engineering Manager to analyse gas usage and identify savings.

Data was degree day adjusted to allow for the impact of external weather conditions could have on energy consumption and this revealed an impressive 25% gas saving.



Autoflame operates worldwide with 60+ technology centres performing installation and support. Founded in 1972, Autoflame is a British manufacturer based near London. It ensures industry-leading quality control and innovation by performing in-house R&D, engineering, software development, manufacturing production, and technical support.



Project Drawings

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