

Thaxted Church

POTTERTON COMMERCIAL HEATS UP GRADE ONE LISTED CHURCH



Potterton Commercial condensing boilers have been used to upgrade the heating system of a church dating back to the 14th century – proving that no building is off limits when it comes to modern and efficient heating systems.

Thaxted Church in Dunstow is a beautiful, large building and one of the grandest in Essex, but unfortunately its congregation had started to dwindle due to its ineffective heating system. The church was often left with an ambient temperature of only 8°C in summer and as low as 4-6°C in winter.

The original boiler room at the church was actually underground, meaning an 80 metre gas line was required to effectively create a new boiler room above ground, in the main church.

Understandably, to preserve the character of the listed building, the church did not want the boilers to be visible. As Potterton Commercial's Sirius boilers are so compact, they could be completely concealed within the vestry by using WH (wall hung) cascade frames and were installed quickly and easily.

Both Potterton Commercial and Christopher Dunphy Ecclesiastical Limited worked closely with the local diocese architect to ensure the system was carefully planned and approved, and impressively completed the project in only six weeks from the very first site visit.

“Potterton Commercial is our first choice for church projects, largely due to the reliability, excellent back-up service & on-site specification we receive from the team. They came out and did a thorough site visit before specifying the perfect solution for the church.”

Mick Russell from Christopher Dunphy Ecclesiastical Limited.

The project team specified three 110kW Sirius WH boilers – a market leading range with a modulation rate of 9:1. Sirius boilers feature a stainless steel heat exchanger designed for maximum combustion performance and energy efficiency. In addition to the boilers, the team specified 30 new radiators, which were strategically placed around the building to keep them discreet, and additional under-pew heaters for extra comfort and warmth. A ‘Spirotech’ controller was also installed to allow centralised control.

Churchwarden Colin Harrison, from Thaxted Church commented: “Being able to efficiently heat the whole building and provide a continuous background temperature for the first time in 500 years has certainly been noticed by our visitors who have been very complimentary of the upgrade, and are enjoying the warmth it has brought! The new system means we can programme the temperature to remain above 10°C at all times.

“Importantly, the skilled team carried out the work with great care. They understood the sensitive needs of a living, working church and took extra care to fit around services, weddings and funerals. The upgrade was delivered within cost and on time.”



Potterton Sirius WH range

Key features

Benefits

Outputs of 50kW, 60kW, 70kW, 90kW and 110kW, 130kW, 150kW	Suitable for a wide range of properties, from large domestic to medium sized commercial premises
Up to 9:1 modulation ratio	Extremely energy efficient, saving money and reducing carbon
Five year parts and labour warranty	Complete peace of mind
Very compact design and reduced weight	Easier to install in smaller spaces
Weather sensor supplied as standard to manage boiler output according to outside conditions	Helps reduce running costs
Commissioning by Potterton Commercial engineers and service plans are available	Ensures your boiler is working reliably and efficiently

Contact us

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