



New heating system leads to over 30% savings per year in fuel consumption.

The installation of a Sapphire boiler in Kencot Lodge was a smart decision because it combines high efficiency, advanced technology and durability, ensuring reliable heating with long-term cost savings.



Historic England

Situation

Kencot Lodge is located in a picturesque village on the Gloucestershire/Oxfordshire border. It's a property dates from the 18th century, with later additions, and now offers a blend of period features and modern comforts. Kencot Lodge was selected to installation new heating system due to Sapphire partnership with Genius Hub Controls, identified as a hard to heat property.

Solution

The new heating solution involved replacing an old boiler with fully modulating Sapphire boiler, supplied by EOGB Energy Products LTD based in St Neots, Cambridgeshire.

Benefits

By upgrading the existing heating system to Sapphire boiler, Kenton Lodge has benefitted over 30% savings per year in fuel consumption. The customer was satisfied by excellent service and the extensive warranty.

Alistair Dinmore, the homeowner of Kenton Lodge, said:

“We have taken part in an extended home trial of the new EOGB boiler between April 2019 and August 2022. It replaced a 15-year-old kerosene boiler with a much lighter and more compact unit, and we were particularly keen to reduce our fuel consumption. With the previous boiler providing all the heating and hot water for a large house we were using on average 300 litres per month...”



The Sapphire boiler finished and commissioned.

... Since the EOGB boiler has been fitted our usage has dropped to 200 litres per month, which will save us around £730 a year on current fuel prices. It's great to see new technology reducing our carbon footprint and saving us money at the same time”.



For more information about Sapphire boilers and how to improve the efficiency of your heating system, visit website sapphireboilers.co.uk or call 01480 477066

Technical

The Sapphire boiler is a modern fully modulating liquid fuel boiler, delivers the best energy efficiency and carbon emission reduction.

- Heat Output: 6-32 KW
- Total Consumption: 0.66 kWh
- Efficiency Rating: 98% (ErP A-rated)
- Water Content: 62 litres
- Fuel Type: Oil (compatible with standard heating oil and biofuel blends)
- Heat Exchanger: Stainless Steel (high durability and corrosion resistance)
- Burner Type: Low-NOx, modulating burner
- Control System: Integrated Smart Controls with Wi-Fi connectivity, allowing remote monitoring and adjustment via a mobile app, plus option to use standard controls.
- Emissions: NOx emissions below 30 mg/kWh
- Dimensions: 425mm (W) x 860mm (H)
- Weight: 88 kg
- Warranty: 25 years on heat exchanger
- Maximum hearth temperature - 100 °C
- Maintenance: Low maintenance design with easy access for service and cleaning
- Additional Features:
 - OpenTherm thermostat
 - Multi-zone heating capability
 - Digital flame monitoring
 - Automatic fault diagnosis



Sapphire 