



OH4 ENERGY SAVING
CASE STUDY:
DINGLEY DELL, ROCHESTER

2025.12.15 V2



The installation of the OH4 was undertaken at the property at the end of September 2024. The installation comprised of fitting 50 cm of OH4 to the 30KW gas boiler servicing the house, and 50cm of OH4 to the pipework of the 30KW gas boiler servicing the separate swimming pool.



Total Savings: **18%**

Since the installation in 2024, we have monitored the energy usage in each of the complete billing cycles; using data provided by the energy supplier and the smart meter at the property to compare the energy usage before and after installation. We then applied an adjustment to take account of variations in ambient weather conditions. This was done using degree days data to provide a more accurate assessment.

The comparison periods in this document are 28th of September 2023 to the 27th of September 2024, compared to 28th of September 2024 to the 27th of September 2025. The tariff used for comparison is £0.07 per KWh for gas.

Date Range	28/09/23 - 27/09/24	28/09/24 - 27/09/25
KWh Gas Used	116856.9	106481.7
Degree Days	2313.3	2519
Adjusted KWh Gas Used	116856.9	96898.35
Cost of Gas Used	£8179.98	£6782.88

