

Case Study



Air Source Heat Pump installation helps save the Environment with renewable technology installed by FMe Property Solutions Ltd.

Sandringham Place, Sheffield

This 5 bedroom concept house property built by David Wilson Homes in the North of England was selected for the project. The House was the first property to be trialed by FMe Property Solutions with the HeatKing air source heat pump in late 2009 and has proved so successful that FMe are now offering this technology to future clients.

Previously, the Large Property (400sqm) which has space across 5 floors was heated using a condensing boiler and whilst the boiler was able to fully heat the home the bills were approximately around £70 per week (2009 prices)

The 10kW air source heat pump was fitted to the side of the property. Connected to the underfloor heating system across 3 floors leaving the existing condensing boiler operating the top 3 floors along with the dhw system. The advantages of this provided the home with 2 sources of heat which can be advantageous during mechanical failure. The top floors of the property benefit from rising heat gains allowing the more efficient heat source unit to supply the heavier usage bottom 2 floors. The install was completed in just two days. The system has proved to be easy to use but the most significant benefit has been the 32% saving in the fuel bill, which has delighted the owner for both financial and environmental reasons.