



CASE STUDY

Baxi air source heat pumps chosen for Cambridgeshire new build development

Installation: 6 x Baxi Assure Monobloc ASHP; 6 x Baxi Assure ASHP Cylinder

BAXI ASSURE air source heat pumps (ASHPs) and Baxi Assure ASHP cylinders have been installed in six new build, off-gas grid houses in Wilburton, Cambridgeshire to provide reliable, future-proof, low-carbon heating and hot water.

Air source heat pumps have an exceptionally high seasonal co-efficient of performance (SCOP) of up to 400%. This means that for every 1kWh of electricity used to run the heat pump, you get up to 4kWh of heat output.

Baxi's design service team worked with developer Tim Hughes and his builder Peter Axton to ensure that the design would deliver maximum heating performance. A Baxi Assure ASHP with a corresponding Baxi Assure cylinder ASHP were selected in each of the new homes to meet the property requirements. Once installed, commissioning would be carried by Baxi's specialist heat pump engineers.

Early engagement between the builders, heating engineers and the Baxi team ensured that all the necessary design considerations could be factored into the design from the outset, including optimal location to maximise the usable plot area.

This was Peter's first project using heat pumps, so he found the introductory Baxi heat pump training course and subsequent on-site support from one of Baxi's specialist heat pump engineers invaluable.

"It was great to have a Baxi engineer come to site to carry out the commissioning and, crucially, to support with any technical elements," he said. "Each manufacturer's heat pump is different, so it was extremely helpful to have an expert, someone who knows the product inside out, to hand for support."

Baxi provides full heat pump services to support housing developers, social housing, contractors, installers and householders. This includes a technical specification team, who advise and assist with designing the most efficient solution for the property, and a full national field service network of engineers to support installers and developers as they embark on the heat network journey.

For expert advice on managing budget, and low carbon, future proof solutions, the residential specification team can help you achieve your sustainable goals. Contact them to discuss your next project or product training requirements, visit the Baxi website.