

A new heating system for vulnerable residents

Replacing, upgrading and futureproofing heating systems in Kingston



Sheltered housing complex, Royal Borough of Kingston

Compress 3000 heat pumps

With the gas boiler system at a sheltered housing development reaching the end of its life, the Royal Borough of Kingston and Maintenance Partner, Axis, looked to Bosch for a replacement that would make it a more efficient, cost-effective and comfortable place to live.

Choosing reliable and easy-to-use technology was a priority for this development – home to many vulnerable residents across 29 individual flats. So, instead of a like-for-like replacement, the council selected our range of electrified solutions.

The Compress 3000 heat pumps, which extract warmth from the air and heat it via compression using only electricity, deliver greater efficiency, reliability and a lower carbon footprint for the development[^]. Two heat pumps run at all times, while a third back-up heat pump was also installed for added peace of mind and 24/7 comfort. And by connecting the heat pumps to HIUs, residents now have easy control of the comfort in their own homes, with consistent hot water supply and immediate temperature changes via personal thermostats.

By investing in efficient technologies, Kingston Council has futureproofed their development and given vulnerable residents brand new, reliable and more independent heating.

As a proud Royal Warrant holder to HM The King, Worcester Bosch is proud to support the Royal Borough of Kingston and its residents in this project.

"There was a bit of a delay in the system before. There was a lag in trying to get the heating to some of these flats, but this system now provides a consistent supply throughout the building."

Paul Dunkerton,
Lead Officer Assets & Compliance,
Royal Borough of Kingston Upon
Thames.

"We were delighted to partner with Worcester Bosch on our heating upgrade project for Royal Borough of Kingston. The successful installation of three new 41kw Bosch Air Source Heat Pumps has helped RBK, our client, achieve Net Zero targets and also met with the approval of the vulnerable residents of the 29 flats in the block."

Alan Noble,
M&E Director, Axis.



"The technology chosen of air source heat pumps on this site enables us to enhance the energy efficiency of the building, plus reducing the carbon emissions.[^] This project consists of 3x 41kW air source heat pumps – which are supplying heat through the plant room – to 29 flats with Bosch HIUs and 5 HIUs to the communal areas."

Alex Thomas
Key Account Director, Worcester
Bosch.



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[^]A heat pump when running emits less carbon dioxide than a gas or oil boiler.