

CASE STUDY

HAREWOOD GREEN
LYMINGTON, HAMPSHIRE



UNDERFLOORHEATING
DESIGN | SUPPLY | INSTALLATION



PROJECT BACKGROUND

When a client approached us seeking an innovative heating solution for their home, they were faced with a crucial decision. With numerous options available on the market, they were drawn to our comprehensive solution offering, which promised not just product, but a complete package tailored to their needs.

Understanding the client's desire for both comfort and sustainability, we presented them with a holistic solution that combined cutting edge technology and expert installation services. Partnering with our plumbing and renewables experts, ensured that we curated a seamless experience from start to finish.



CLIENT

Installer



SIZE

159m². Ground and 1st floor



PRODUCT

GF - MERCURY ATLAS
solid screed system

UF - Mercury Elara timber
suspended with wood 22

Mitsubishi Ecodan 11.2kw
air source heat pump

300 litre pre-plumbed
cylinder



CONTROLS

NeoHub
Mitsubishi Mel cloud system

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UFHN LTD.

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Registered in England Company Reg No: 5274176 VAT no: 846 4547 00 Registered Office: Mercury House, Fernside Park, Johnson Road, Ferndown Industrial Estate, Dorset, BH21 7SE
Yorkshire Office: Beck Mill, Reva Syke Road, Bradford, BD14 6QY



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COMPONENTS

Our solution featured top-of-the-line products seamlessly integrated to maximise efficiency and convenience:

Underfloor Heating Systems: The ground floor was equipped with a Mercury Atlas screeded floor system whilst the first floor benefitted from the superior performance of Mercury Elara Timber suspended system

Smart Thermostats for precision control: Neo thermostats connected to the internet via a hub provided the client with full room and zoned control enabling them to customise their heating preference with ease.

Renewable Energy Integration: A Mitsubishi Ecodan 11.2kW ultra-quiet heat pump was installed alongside a 300L pre plumbed cylinder. Additionally 8kW of pv panels were installed by our renewables pv installed by our PV specialist partner were seamlessly integrated to feed into the immersion heater, providing free hot water during the summer months.

Remote Management and diagnostics: With the Mitsubishi Mel cloud systems, the client gained the ability to remotely control their heating and hot water, access diagnostics and receive software updates ensuring

THE RESULT : A VISION OF THE FUTURE

The successful implementation of our solution not only met but exceeded our client's expectations. The integration of underfloor heating, heat pump technology and PV panels represents a glimpse into the future of home heating.



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