

ThermoGenius™ News

Great Britain is warming to ThermoGenius™:

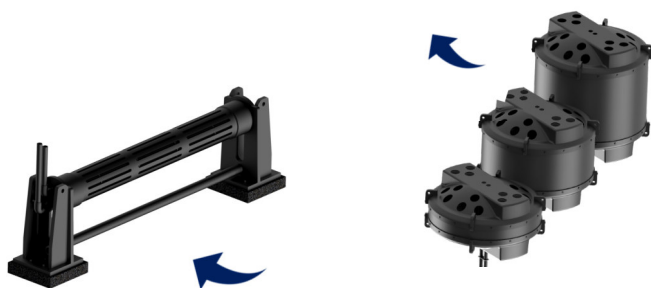
The elegance and simplicity of ThermoGenius™ is attracting companies to utilise water as the heat source in an increasing number of installations. Heat pumps are at the heart of the renewable space heating revolution so rapid deployment will be a key factor when deciding which technology to use.

Ambitious net zero targets:

The UK enshrines new targets to cut emissions by 78% by 2035 compared to 1990 levels. In line with recommendations from the Climate Change Committee, this will take the UK more than three-quarters of the way to reaching net zero by 2050.

Meet the family:

ThermoGenius™ Water M1, M2 and M3



ThermoGenius™ Water F1

Whether it is a deep lake or a shallow running water course, ThermoGenius™ Water can provide the perfect solution. For more information including technical download and installation instructions, please visit www.thermogenius.com.

Installer show:

Due to take place from the 28th-30th September 2021, InstallerSHOW returns to the Ricoh Arena in Coventry. As well as supporting the heating and plumbing community, this year's event will focus on the very latest renewable technologies needed to support the drive to Net Zero carbon. ElringKlinger Engineered Plastics partner Go Geothermal Ltd will be showcasing their impressive range of ground source equipment and renewable products.

Ask the expert:

The GSHPA are to have their annual general meeting and conference at the stunning Coniston Hotel Country Estate and Spa near Skipton North Yorkshire. As part of the day's events there will be the opportunity to ask the expert. Included in the line-up will be David Sampson, from ElringKlinger there to answer your questions on water sourced heat extraction.



Recent installations:

(1) Oxon Energy Ltd. contacted colleagues at Go Geothermal Ltd. to provide a solution for a multi-phase development near Abingdon, Oxfordshire. The solution was to use a series of ThermoGenius™ Water M2 units designed to extract over 40kW of heat energy. The first of these units can be seen below in the process of being filled with brine made up of 35% Kilfrost GEO. Definitely a case of “now you see it, now you don’t”. The system is performing really well.



(2) Funded by the European Regional Development Fund (ERDF), the visitor centre at Brockhole has installed a number of renewable technologies to support the Lake Districts Net Zero ambitions. The centre piece of this was the installation of a water sourced heat pump system which, with the help of 7 x ThermoGenius™ Water M3 units, extracts 130kw of heat energy from the nearby lake Windermere. The complexity of positioning the units beneath one of the pontoons which forms part of the jetty was considerable. Greenfields Heat & Power Ltd., ably assisted by a team of divers did a truly amazing job. Shown below is a unit alongside the jetty waiting to be positioned beneath the pontoon. A remarkable example of how to use one of nature's natural resources.



Looking out over lake Windermere

Award winning technology:

The German bwp (Bundesverband Wärmepumpe e.V.) is an association of around 500 members. It stands for professional representation of the interests of companies along the entire value chain in connection with heat pumps. Covering the German market, they are a leading authority that provide a range of information designed to help support the decarbonisation the heating markets. To recognise new and innovative products that contribute to this goal, ThermoGenius™ received their 'Product of the Month' award. This prestigious accolade was accompanied with details of a recent installation where a ThermoGenius™ Water unit was used to heat and cool a floating holiday home located at Olpenitz on the Baltic Sea.

The holiday home in question had previously used an air source heat pump however this proved unreliable in the harsh conditions and suffered failures as a consequence of the salt water environment. This system was replaced with a brine-water 6 kW heat pump which was linked to a ThermoGenius™ Water M1 anchored immediately adjacent to the floating home. The heat pump itself was linked to the underfloor heating in the floating home. The system has been a complete success and has proved to be totally reliable with a remarkable coefficient of performance of 6. Learn more in videos on <https://www.thermogenius.com/media/videos/>



Contact for UK:

David Sampson, ElringKlinger (Great Britain) Ltd.
email: david.sampson@elringklinger.com
Phone: +44 (0)7725 698122

General contact:

thermogenius@elringklinger.com
www.thermogenius.com