



Commercial and Industrial process cooling solutions

Complete thermal management solutions

- Water, air and DX cooling
- Ultra high efficiency
- Turn-key design and installation packages
- Mission critical cooling
- Service and maintenance



When mission-critical cooling is central to your business,
and zero-down-time solutions are paramount...

Cool-Therm delivers.



“Cool-Therm are a family business with an exceptional team of directly employed engineers and consultants, who are passionate about delivering value solutions, with the best performance and efficiencies – every time.”

Alex Strong BSc MinstR

Cool-Therm, Operations Director





Cool-Therm at a glance...

National coverage
24/7 support throughout the year
Remote assistance*

- Founded in 1992
- Five national locations
- In-house design consultants
- 35 directly employed engineers
- Turnover £8m+
- Accredited to ISO 9001, 14001, 18001

*subject to product and support package selected

Investing to deliver for you

We constantly invest in new technologies, training and installation techniques to exceed our process cooling clients' expectations, while striving for ever greater energy efficiencies.



Cool-Therm stay focused on sourcing and developing the right solutions to meet the client's requirements, whilst being flexible enough to provide value-engineered alternatives to meet budgets

Our core brands



Five simple steps to project delivery



1. REQUIREMENT

A core requirement for thermal management is identified by the end user.

2. EXPECTATION

Cool-Therm work alongside you to understand your needs and ensure your expectations are met, from performance to green credentials, and future-proofing.

3. BUDGET

Options are explored and costs identified. When the best project to suit the budget is found, we develop a detailed design package for you.

4. DESIGN

Our design team works with you throughout the design and procurement process to ensure expectations are exceeded.

5. DELIVERY

A dedicated project manager is appointed to ensure every aspect is delivered as agreed. A complete turn-key installation service is available.



A diverse range to meet all requirements

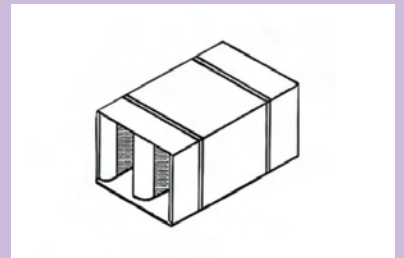
Small capacity cooling

From small-scale computer cooling to specialist industrial process cooling, we have a solution to suit. And small doesn't mean low on features - we know that some of the most demanding cooling requirements arise from small applications.



Free air-cooling

With recent advances in technology, there is often a reduced requirement for mechanical cooling. Processes may be cooled using just air, at a fraction of operating the cost. Cool-Therm have extensive experience with free air cooling, with capacities ranging from 5kW to over 300kW



Industrial process cooling

With Tonon-Forty, we have a diverse range of industrial cooling equipment that offers exceptional quality and value, a customisable specification and short lead-times, backed by a market-leading warranty. Capacities span sub 5kW to over 500kW, and include heat-pumps to geothermal heat recovery, in all cooling mediums.



Ease of installation

We understand that installation of new plant can be a source of uncertainty for clients. As experienced project managers, we have developed a range of techniques which allow installation and replacement of equipment with minimum disruption to your site. These techniques range from working with ABS piping to avoid hot works, to the use of temporary services to mitigate downtime.



A diverse range to meet all requirements

Cutting-edge industrial cooling

Cool-Therm and Geoclima have worked together for over two decades to develop industry leading chillers, which offer unmatched levels of efficiency, flexibility, performance and longevity. This approach has led us to receive many industry awards, including the prestigious CIBSE Low Carbon Technology Award.

Turbomiser chiller

Central to our offering is the remarkable Turbomiser chiller, a brand owned and developed by Cool-Therm and our partners. It features advanced application of Turbocor compression technology in both air and water cooled versions, for use in both process and comfort cooling sectors.

Geoclima offers flexibility of design, enabling us to develop a solution that meets all requirements, whether in terms of physical dimensions, appearance, or performance.

Clima Tech air handling units

Geoclima's technically advanced range of Clima Tech AHUs offers a fully customisable portfolio of air handling products, which can either stand alone or be paired directly with other Geoclima products.

HFO + hydrocarbon refrigerants

Cool-Therm and Geoclima are industry leaders in the design and application of air conditioning and refrigeration equipment operating on the latest HFO and HC refrigerants, which are available across our Turbomiser, G-Range and V – Range compressor platforms.



It's only the beginning...

A lifetime of support

Life Cycle

Once the working life of your plant begins, Cool-Therm are there to support your business throughout the life cycle of the equipment.

Optimisation

As your requirements change over time, we continue to optimise the performance of your equipment as part of our ongoing service and maintenance support, ensuring it operates at peak efficiency at all times.

Maintenance

All equipment requires routine maintenance to keep it operating efficiently and reliably. Our team of more than thirty fully trained in-house engineers offer a maintenance service which can be tailored to every requirement and budget.

Service

Equipment will from time-to-time require spare parts and remedial work. Cool-Therm's Spares division holds an extensive UK stock of spare parts to support our products in the field. All our engineers are factory trained, and all work is fully warranted and guaranteed against defects.

Remote monitoring

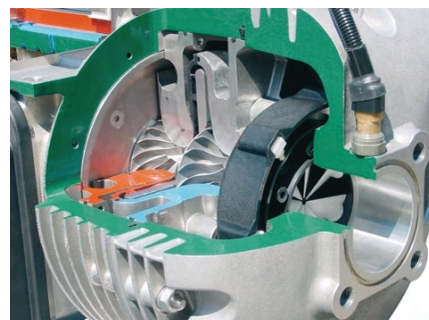
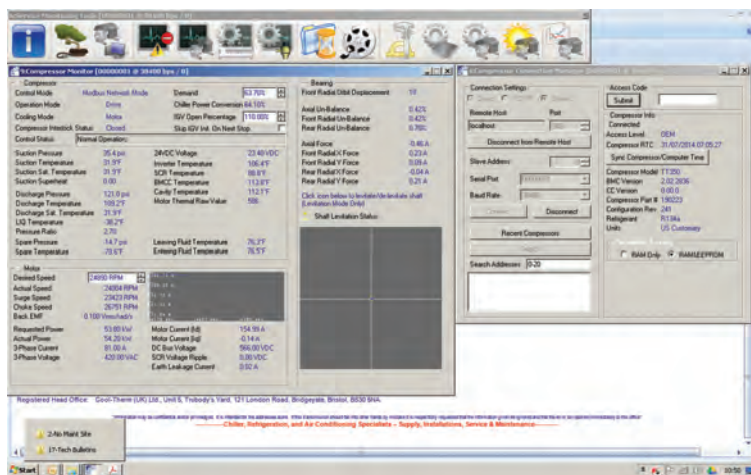
Most Geoclima products are equipped with remote GSM monitoring gateways. This enables our engineers to remotely monitor the operation of plant. Should a problem arise, it can often be remedied without a site attendance – resulting in zero down time for the client and zero cost!



Turbocor compressor spares and support

First and foremost

Cool-Therm were the first company to install Turbocor compressor-based chillers in the UK, and we have been at the forefront of implementing and supporting the technology ever since.



All makes of Turbocor chillers catered for

Cool-Therm have extensive experience of supporting, re-commissioning and repairing all Turbocor-based chillers, regardless of manufacturer.

Full spares availability

Through our extensive OEM network, Cool-Therm has access to comprehensive spare parts, enabling us to support and service your equipment throughout its operational life.



Accreditations



Our network



Head office:

Cool-Therm (UK) Ltd
Unit 5 Trubody's Yard,
121 London Rd,
Bridgegate,
Bristol BS30 5NA

Tel: 0117 9610006
Email: enquiries@cooltherm.co.uk
Web: www.cooltherm.co.uk