



Media Release

Schaffhausen

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Direct Liquid Cooling (DLC) Solutions for AI Next-Generation Data Centers at DCW London

GF Piping Systems, the Swiss provider of high-performance flow solutions and Gold Sponsor of DCW London 2025, will present its cutting-edge solutions for direct liquid cooling (DLC) at Stand DC142. Attendees can visit GF Piping Systems at Data Centre World London 2025 from 12–13 March to explore a comprehensive polymer portfolio designed to improve mission-critical cooling infrastructure's efficiency, reliability, and longevity. Experts from GF Piping Systems will also participate in the conference program.

As the computing power demanded by artificial intelligence and high-performance applications soars, traditional air-cooling methods are nearing their limits. Leveraging water's ability to transfer heat up to 1,000 times more effectively than air, GF Piping Systems' direct liquid cooling solutions harness high-performance thermoplastics to deliver increased cooling efficiency, reduced weight, and superior reliability—all while eliminating the corrosion risks associated with metal systems.

“Data centers must evolve to meet escalating performance and energy-efficiency demands,” said Mark Bulmer, Global Market Development Data Center at GF Piping Systems. “Our innovative polymer solutions—featuring the high-performance PROGEF and SYGEF product lines—are engineered corrosion- and metal-free to safely deliver clean coolant. By integrating advanced infrared fusion technology and weld-bead inspection, we offer a system that's not only safe and reliable but also quick to install and easier to maintain.”

Visitors will get hands-on experience at the booth with the IR-63 M, an infrared fusion machine that facilitates safe and leak-free pipe connections. Its contact-free melting process ensures clean connections with minimal weld beads, enhancing optimal flow performance. The machine-controlled welding process ensures repeatability and full traceability of every joint.

In addition to its direct liquid cooling offerings, GF Piping Systems supports traditional fluid applications such as chilled water, condenser water, evaporative water, or heat recovery, with its ecoFIT (PE100) and COOL-FIT (pre-insulated PE) solutions—providing a complete suite of cooling options for diverse project needs.

[Meet GF Piping Systems' experts at DCW London from 12 to 13 March 2025 at Stand DC142 and learn more about innovative polymer-based piping solutions for efficient cooling.](#)

Learn more from our Global Head of Data Center, Charles Freda, who will participate in a panel discussion on the future of direct liquid cooling at 2:30 p.m. on 12 March. Mark Bulmer will present the advantages of polymer piping systems for energy-efficient cooling at 10:05 a.m. on 13 March.

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About GF Piping Systems

GF Piping Systems creates connections for life as the superior water and flow solutions provider for industries and infrastructure, enabling the safe and sustainable transport of fluids.

The division focuses on industry-leading leak-free piping solutions and engineering services for numerous demanding end-market segments. Its global sales, engineering, and manufacturing footprint reflects its strong focus on customer-centricity and innovation, and its award-winning portfolio includes fittings, valves, pipes, vaults, chambers, automation, fabrication, and jointing technologies.

GF Piping Systems has its own sales companies in 33 countries and fabrication hubs in 15 countries, which means it is always by its customers' side. Production sites in 40 locations in the Americas, Europe, the Middle East, and Asia ensure sufficient availability and quick, reliable delivery. In 2024, GF Piping Systems generated sales of CHF 1'971 million and employed 8'309 people. GF Piping Systems is a division of Georg Fischer AG (GF), founded in 1802 and headquartered in Schaffhausen (Switzerland).

www.gfps.com

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	<p>GF Piping Systems will present Direct Liquid Cooling (DLC) solutions for AI next-generation data centers at DCW London.</p> <p>Source: GF Piping Systems</p>
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