



Media Release

Schaffhausen

02 April 2025

GF Piping Systems' Direct Liquid Cooling (DLC) Solutions for AI-enabling Data Centers at HVAC Korea 2025

GF Piping Systems, Swiss provider of high-performance Flow Solutions, will showcase its cutting-edge direct liquid cooling (DLC) technologies at HVAC Korea 2025. From 9 to 11 April, attendees can visit booth B34 to explore the comprehensive polymer portfolio designed to enhance the efficiency, reliability, and longevity of mission-critical cooling infrastructure.

As artificial intelligence and high-performance applications drive unprecedented computing demands, traditional air-cooling methods are approaching their limits. In response, GF Piping Systems introduces its advanced direct liquid cooling solutions, leveraging water's superior heat transfer capabilities—up to 1,000 times more efficient than air. Engineered with high-performance thermoplastics, these innovative solutions enhance cooling efficiency, reduce system weight, and ensure long-term reliability while eliminating the corrosion risks associated with metal components.

“Data centers must evolve to meet escalating performance and energy-efficiency demands,” said Ben Sheppard, Director Data Centers Australasia and North Asia, GF Piping Systems. “Our innovative polymer solutions—featuring the high-performance PROGEF and SYGEF product lines—are engineered corrosion- and metal-free to deliver clean coolant safely. By integrating advanced infrared fusion technology and weld-bead inspection, we offer a system that’s safe and reliable, quick to install, and easier to maintain.”

At the booth, visitors will see SYGEF IT Rack Manifolds and TCS (Technology Cooling System) for DLC, along with examples of GF Piping Systems' prefabricated piping solutions. These prefabricated piping systems highlight how the company's solutions can accelerate project timelines and simplify on-site installation. Additionally, they showcase advanced jointing methods, which ensure clean joints with minimal weld beads, optimizing flow performance.

In addition to its direct liquid cooling offerings, GF Piping Systems supports traditional cooling applications with its ecoFIT (PE100) and COOL-FIT (pre-insulated PE) solutions—providing a complete suite of cooling options for diverse project needs. With a complete portfolio of polymer-based cooling solutions, GF Piping Systems enables data centers to achieve greater efficiency, reliability, and long-term performance in an increasingly demanding landscape.

[Visit GF Piping Systems at HVAC Korea, stand B34.](#)

[Click here for more information on GF Piping Systems' data center solutions and how they improve energy efficiency.](#)

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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

Image

 <p>Beyond Innovation Leading edge piping systems for direct liquid cooling</p> <p>+GF+</p> <p>HVAC Korea 9-11 April 2025 COEX Convention & Exhibition Center, Seoul, Korea</p>	<p>Beyond Innovation – GF Piping Systems will feature leading edge piping systems for Direct Liquid Cooling at HVAC Korea from 9-11 April, 2025.</p> <p>Source: GF Piping Systems</p>
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