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Hi-res photos available [here](#).
Informative video available [here](#).

New Ultra-Compact CPC Quick Disconnects Deliver Top Flow

Non-spill, highest flow rate in category for liquid cooling

St. Paul, Minn. – November 10, 2016 – [CPC \(Colder Products Company\)](#) introduces the LQ2 Series quick disconnect couplings, the highest-flow capacity 1/8-inch connectors in the liquid cooling industry. The connectors also feature unique elbow and swivel configurations and an integrated thumb latch for easy, one-handed operation in tight spaces like the server racks of large data centers.

“Independent testing confirms that the LQ2 Series flow rate is 22 percent better than other 1/8-inch connectors currently on the market,” said David Vranish, CPC liquid cooling business development engineer. “Higher flow capacities reduce pressure drops by an average of 34 percent, optimizing liquid cooling system performance. We combine this flow capability plus unique ease-of-use factors like swivel joints to eliminate tube kinking. And, CPC’s patented thumb latch makes the LQ Series connectors vastly better options than heavy, bulky metal ball-and-sleeve products.”

The color-coded thumb latch is simple and intuitive to operate, contributing to fast, foolproof connections. LQ2 Series quick disconnect couplings also feature a multilobed seal for redundant protection against leakage and lasting shape retention during extended periods of connection. Multilobe seals provide greater sealing efficiency than standard O-rings while requiring less force to connect. The non-spill design allows disconnection under pressure without leaks—a critically important factor in protecting electronics from exposure to fluid and enabling hot swapping of equipment.

LQ2 Series connectors are currently specified in a major manufacturer's next-generation supercomputers. The computer maker's new system is designed to save significant energy relative to air-cooled systems. As a result, they wanted the connector to facilitate maximum liquid cooling efficiency. The LQ2 Series exceeded flow requirements while offering reliable, easy-to-use and leak-free performance in a streamlined product.

In addition to use in data centers and high-performance computers, LQ2 Series connectors are an excellent liquid cooling system component in a wide range of applications including medical lasers and MRI machines, power generation and management equipment, aerospace, and high-end digital equipment such as projectors, radars, televisions and more.

For more information about the performance and versatility of the LQ2 Series or any of the other 10,000+ innovative connection solutions CPC offers, visit cpcworldwide.com.

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About CPC

CPC (Colder Products Company) is the leading provider of quick disconnect couplings, fittings and connectors for the life sciences, bioprocessing, industrial and chemical handling markets. CPC is an operating company within Dover Corporation. For a free catalog or more information, contact: Colder Products Company, 1001 Westgate Drive, St. Paul, MN 55114. Phone: 651-645-0091. Toll-free: 800-444-2474. Fax: 651-645-5404. Web: cpcworldwide.com

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