

THE RIGHT CONNECTIONS FOR LIQUID COOLING



Reliable, efficient, and leak-free cooling solutions engineered for modern data centers

Ideal Tridon Group’s flow connection solutions keep liquid cooling systems secure, supported, and leak-free, ensuring data centers run efficiently and reliably. From installation to long-term performance, we deliver the connections and stability critical to next-generation cooling.

Liquid Cooling Product Overview

Color-Coded Quick Disconnects		Designed specifically for liquid cooling applications • Multiple sizes: ¼", ½", ¾", 1", 1½" • Straight-thru (high flow) or flat face (compact, no spill) profiles • Hard anodized, color-coded sleeves for hot/cold ID • Seal options: EPDM (–40°F to +300°F), Viton (–15°F to +400°F)
Combination Nipples & Expanders		• Available in 304SS and 316SS • Provides secure, leak-free hose connections. • Allows smooth transitions between different line sizes. • Critical for reliable liquid cooling performance in data centers.
Tri-Clamps		• Secure, sanitary connections for glycol-based cooling systems. • Ensures reliability in both high-purity and industrial data center applications. • Safety & lock-out styles available.
Single-Use Clamps		• Provides a non-metallic connection. • Prevents ground loops. • Reduces magnetic and electrical interference in sensitive cooling environments.



Build a leak-free, high performing cooling system today!

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