





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 <ul style="list-style-type: none">• Multiple sizes: 1/8", 1/4", 3/8", and 1/2"• 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		<ul style="list-style-type: none">• 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		<ul style="list-style-type: none">• 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		<ul style="list-style-type: none">• 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!