

Custom-engineered Cooling Solutions

Built to solve the toughest heat challenges in today's data centres

Dixon® delivers custom-engineered cooling solutions and components that directly address the unique heat dissipation challenges of data centers. Our superior components and expert design, enhance system performance and efficiency, while boosting reliability and ensuring smooth and cost-effective operation.

HOSE & COUPLINGS

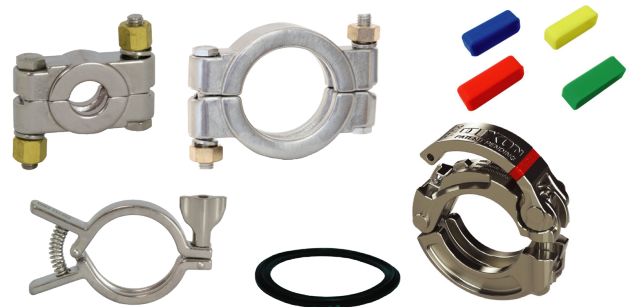


Our hose solutions are engineered for the demanding needs of data centre cooling and utilities, offering flexibility, durability and leak-resistant performance.

We supply rubber, PVC and stainless-steel braided hose assemblies designed to maintain consistent flow, pressure integrity and system reliability across critical operations.

Complementing this are a range of hose couplings expertly engineered to ensure the right connection with all infrastructure components, including quick-disconnect dry break couplings for clean, efficient and spill-free disconnection in critical fluid transfer applications.

CLAMPS



Our clamp range is engineered for secure, hygienic and maintenance-friendly connections in mission-critical data centre environments.

The Clever Clamp™ enables fast, tool-free installation with consistent gasket compression to minimise leaks and downtime, and is available with colour-coded ID bands.

Our 304 stainless-steel sanitary clamps offered in single-pin and bolted designs—deliver strength, corrosion resistance and hygienic performance across chilled water loops, glycol circuits and service water systems.

VALVES



Our valve solutions are engineered for the critical demands of data centre infrastructure, delivering precise flow control, leak-free performance and long-term reliability.

Our range includes encapsulated ball valves for hygienic, bubble-tight sealing, and butterfly valves designed for smooth operation and low resistance in glycol-based cooling systems. We also supply air-relief and check valves that prevent vacuum conditions, stabilise pressure and enhance overall system efficiency.

Across cooling loops and utility water systems, our valves support reliable circulation and protect sensitive equipment in mission-critical environments

FITTINGS & STRAINERS



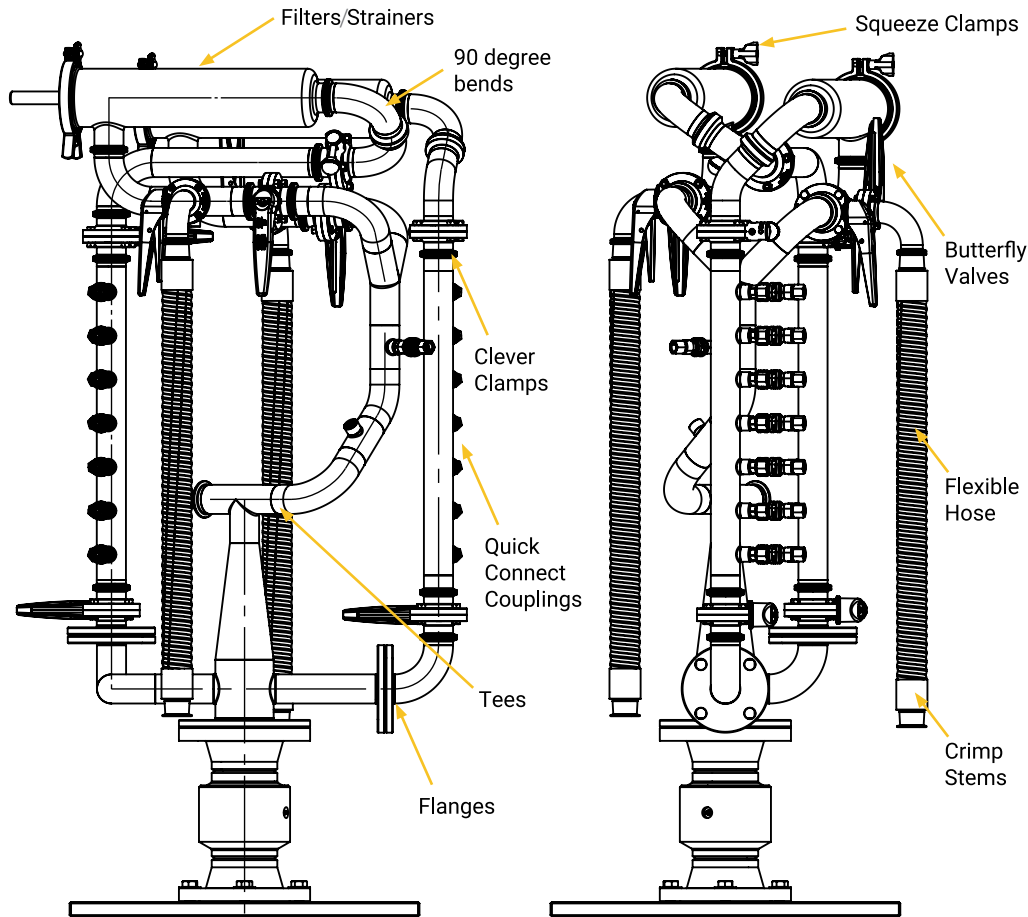
Designed for durability, hygiene and ease of maintenance our fittings and strainer ranges are engineered to provide secure, hygienic, and high-performance connections essential for data centre cooling and utility systems.

Filters can be used across cooling, power and fluid systems to protect sensitive equipment from contamination and performance loss.

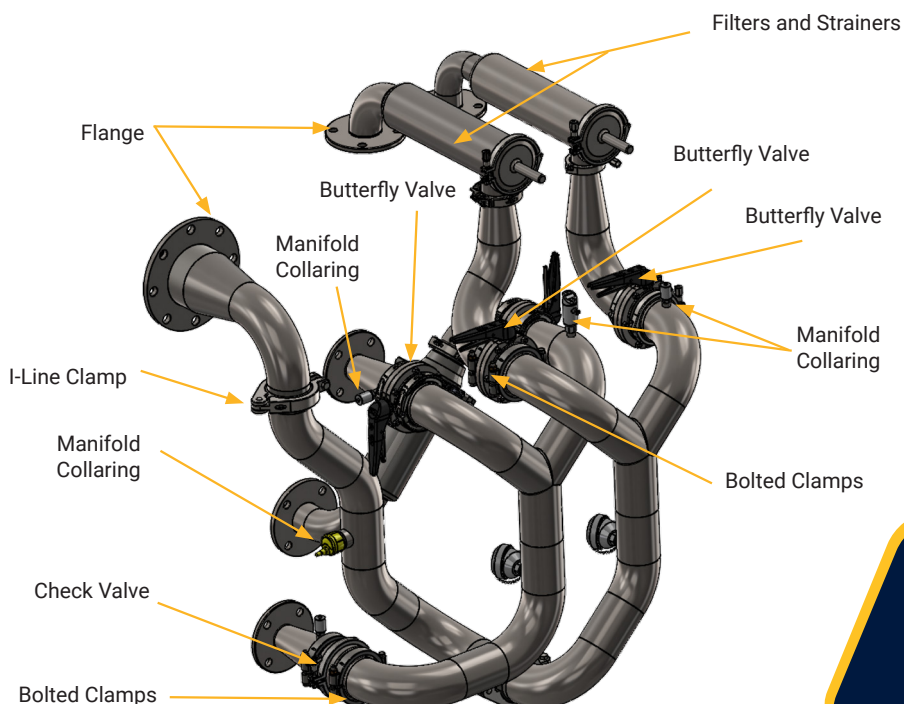
Our fittings, manufactured from 304 and 316L stainless steel, offer excellent corrosion resistance and meet AS1528 and 3A standards.

Data Centre Cooling Solutions

At Dixon, we offer high-quality products engineered to enhance the durability, efficiency and safety of your data centre construction projects. Whether you're building from the ground up or upgrading existing infrastructure, our solutions are designed to meet the rigorous demands of modern data centres.



CDU Rack Assembly



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