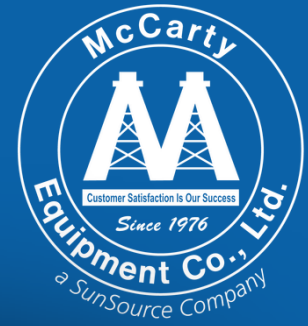


DATA CENTER SOLUTIONS



***Thermal Management Solutions
You Can Count On!***



Quick Disconnect Couplings · Fittings & Adapters · Hose & Tubing

mccartyequipment.com



Quick Disconnect Couplings

Engineered for high flow and minimal pressure drop. Leak-tested and customizable to meet the demands of thermal management systems.

Typical applications include Data Centers, Battery Cooling, Power-Electronics/Converter Cooling, and other IT Cooling Solutions.



Couplings & Accessories

These products are used in data centers to create fast, reliable, and leak-free mechanical piping systems for cooling and fire protection. They provide rigid joints for chilled water loops, server cooling (liquid cooling), and fire suppression.

Great for confined spaces and pre-fabricated data centers.

Valves

Valve solutions including ball, gate, globe, check, butterfly, and control valves, available in a variety of materials and valve automation - we've got you covered!



Fittings and Adapters

Available in steel, brass, or stainless steel, including crimp, socketless, or clip-style designs. Offered in a wide range of sizes with broad fluid compatibility for flexible system integration.

Typical applications include Biopharmaceutical, Cryptocurrency Mining, Electric Vehicles and Buses, and IT Thermal Management.





Sanitary Fittings

Sanitary fittings provide clean, leak-free connections critical for liquid cooling systems in data center environments. Designed to support reliability and efficiency, these fittings help maintain system integrity while minimizing contamination and maintenance risk.

We also offer custom fabrication services, filters and strainers, instrumentation, sight glasses, tube hangers, and cleaning and washdown accessories to support various processing applications.



Gaskets



We offer a comprehensive portfolio of sealing solutions designed for thermal management and energy resilience. From high-purity fluid cooling loops to high-temperature power generation systems, our products are engineered to withstand the unique mechanical and chemical challenges of the modern data center.

Metal Hose & Expansion Joints

Data centers employ cooling systems to keep servers running efficiently and safely. Whether air- or liquid-cooled, metal hoses provide a durable cooling solution. Cooling units may be located outside of the data center, requiring durable hoses that resist the elements.

Applications include Air-cooled Systems, Liquid-cooling Systems (Direct or Indirect Cooling), Heat Exchanger Connections, Pump/compressor Connections, and Air Blowers.



Rubber Expansion Joints



Data centers serve as the backbone of the global digital economy. Operating 24/7 without interruption, these mission-critical facilities house the computing, storage, and networking equipment necessary to support cloud platforms, financial systems, and healthcare resources. To maintain absolute reliability and prevent catastrophic downtime, data center designers and engineers incorporate robust mechanical solutions like expansion joints to protect their cooling and power infrastructure.

Benefits include:

- **Relieve Mechanical Stress:** Accommodate thermal expansion and contraction in long pipe runs.
- **Isolate Vibration:** Protect sensitive IT equipment by dampening noise and mechanical vibration from pumps and chillers.
- **Maintain Alignment:** Ensure system integrity during startup cycles, thermal fluctuations, or seismic activity.
- **Enhance Uptime:** Reduce the risk of leaks and pipe ruptures that could lead to water damage, data loss, and costly operational downtime.



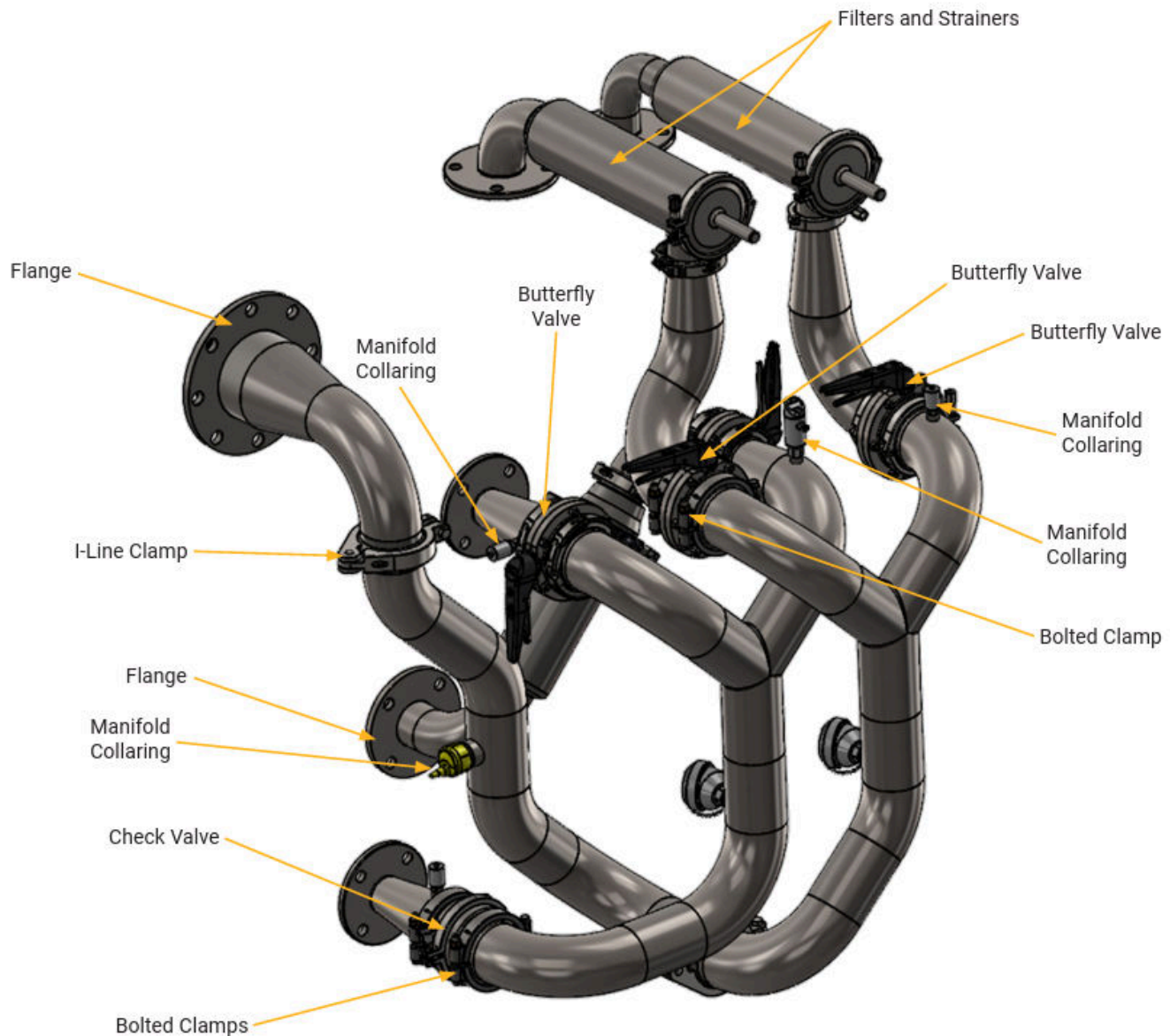
Hose & Tubing

Industry leading high-performance hose and tubing solutions purpose-built for thermal management applications in data centers and beyond. From rack-level liquid cooling to facility-wide distribution, our assemblies deliver reliable fluid transfer, installation flexibility, and rapid deployment. With expertise in materials, connections, and system integration, we help customers reduce downtime, simplify installs, and scale cooling infrastructure with confidence.

- Peroxide Cured EPDM Hoses
- UL 94 Flammability Tested Hoses
- Rack Hoses
- Blade Hoses
- Jumper Hoses
- Source/Return Line Hoses
- Teflon Lined Hoses
- Refrigerant Hoses
- Plastic Tubing (PVC, PE, PU, PA, PTFE, etc)
- Stainless Steel Tubing



Coolant Distribution Unit (CDU) Rack Assembly



McCarty Equipment's suppliers support the Open Compute Project (OCP), a collaborative, community-driven initiative focused on standardizing hardware design and performance for data centers ranging from small to hyperscale. By aligning with OCP guidelines, McCarty helps deliver solutions that meet today's requirements while supporting the evolving standards of the future.



Quick coupling solutions developed within the Open Compute Project (OCP) with CEJN contributing as main developer.



Customised quick connect solutions for specific demands and requirements.



High-flow quick couplings with a screw-to-connect mechanism for Coolant Distribution Units (CDUs).



Compact blind-mate quick connectors for Direct Liquid Cooling (DLC) applications with up to +/- 5 mm radial misalignment tolerance.



Hand-mate quick connectors with hot-swap functionality and push-lock hose connection for Direct Liquid Cooling (DLC).



SCAN FOR WEBSITE

Locations

COLORADO

298 6th Ave.
Greeley, CO 80634
Phone: 970-356-0774

LOUISIANA

301 Montgomery St.
Shreveport, LA 71107
Phone: 318-676-1957

NEW MEXICO

2518 W Bender Blvd.
Hobbs, NM 88240
Phone: 575-393-6655

NORTH DAKOTA

2312 4th Ave. West
Williston, ND 58801
Phone: 701-572-6328

OKLAHOMA

9500 West Reno Blvd.
Ste 400
Oklahoma City, OK 73127
Phone: 405-778-8582

PENNSYLVANIA

320 S Campus Dr.
Imperial, PA 15126
Phone: 724-564-2170

2030 Strouse Rd.
Williamsport, PA 17701
Phone: 570-320-2745

TEXAS

1802 S Treadaway Blvd.
Abilene, TX 79602
Phone: 325-677-2651

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Abilene, TX 79602
Phone: 325-670-9066

3501 Hwy 281 South
Alice, TX 78332
Phone: 361-664-4264

4102 Hwy 21 East
Bryan, TX 77808
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615 W Main St.
Kenedy, TX 78119
Phone: 830-583-0066

710 S Commerce St.
Kilgore, TX 75662
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Odessa, TX 79761
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