

Isolation Valves for the AI-Ready Data Centre

Engineered reliability for hyperscale, liquid cooling and gigawatt-scale campuses.



Why Reliability Is Non-Negotiable

- Rising rack power densities
- AI workloads driving 24/7 uptime expectations
- Tighter thermal envelopes and smaller margins for error

Emerson Isolation Valve Advantage

Hyperscale Ready

- Large chilled water and liquid cooling systems
- Optimized for massive scale operations

Industrial-Grade Reliability

- Long life, leak-tight performance
- Reduced maintenance requirements

Industrial-Grade Reliability

- Ideal for retrofits and secondary loops
- Supports high-density rack architectures

Featured Technologies

Keystone Butterfly Valves*



Proven durability for primary and secondary cooling loops

KTM Ball Valves*



Tight-shutoff isolation for critical circuits

*Consult Emerson documentation for detailed performance claims and certifications.

Applications Across the Campus



Retrofit for Liquid Cooling

Upgrade existing infrastructure seamlessly



High-Availability Cooling Loops

Ensure continuous cooling performance



Gigawatt-Scale Campuses

Scale reliably with massive power demands

Safeguard Your Most Critical Assets

Explore Emerson Isolation Valves for Data Centres