

Fluid control solutions

Powering data center reliability, efficiency, and rapid expansion with proven fluid control solutions

Fluid control solutions engineered to boost reliability and protect high-value data center infrastructure across cooling, critical power, and fire-suppression systems—supported globally and delivered locally to accelerate deployment.

Maintain Uptime in Critical Cooling & Power Systems

Ensure continuous, stable operation across mission-critical data center applications including facility and data hall cooling, HVAC, backup power, and fire suppression systems.

**MAINTAIN
SYSTEM
STABILITY**



Meet Aggressive Construction and Expansion Timelines

Meet aggressive build and expansion schedules with the industry's widest portfolio, covering a full range of applications and requirements, supported by fast delivery and globally available standardized solutions.

**WIDEST
INDUSTRY
OFFERING**



Protect Safety-Critical Systems Without Compromise

Protect people, assets, and operations with reliable valve solutions for safety critical data center applications with real time alert capabilities.

**HIGH
RELIABILITY
& SAFETY**



Fluid control solutions

Emerson delivers proven fluid control technologies that help data centers operate reliably, scale faster, and protect critical infrastructure.

Reliable Performance Across Critical Cooling & Power Generator Systems

High-flow, durable valve solutions support next-generation liquid cooling, HVAC, chiller, and utility systems with consistent, precise control. Designed for continuous-duty operation, these solutions help protect uptime, maintain temperature stability, and reduce the risk of unplanned downtime across mission-critical data center infrastructure.

Faster Deployment for Data Center Buildouts

Standardized, widely adopted fluid control solutions with short lead times help keep fast-paced data center construction and expansion projects on schedule. Global availability with local presence supports rapid deployment, while components already embedded in major OEM systems help simplify specification, integration, and commissioning.

High-Integrity Solutions for Safety-Critical Applications

Robust valve technologies designed for fire suppression, safety shut-off, and system isolation help protect people, assets, and operations in high-consequence environments. Integrated supervisory monitoring supports NFPA fire protection requirements by detecting valve removal or improper installation.

Featured Products

High Flow & High Cycle Air Operated & Motorized Valves For Data hall Cooling

ASCO 290 Air Operated Angle-Body Piston Valve



ASCO 290C Motorized Angle-Body Piston Valve



Valve Manifolds For Cooling Distribution Units

TESCOM™ Anderson Greenwood Instrumentation Series M6A Differential Pressure Manifolds



Reliable General Purpose Solenoid Valves for Process Valve Piloting & Fluid Control

ASCO 210 Stainless Steel



ASCO NFPA Valve



ASCO 221 Slow Closing Valve



ASCO 215 High-Flow Gas Shut Off Solenoid Valves



ASCO 214 High-Flow Gas Shut Off Solenoid Valves



ASCO 210 Diesel Safety Shut Off Valve



Proximity Sensors and Positioners For Real-time alerts and alarms

TopWorx™ Switchboxes



TopWorx Go-Switch Proximity Sensors

