

PRESSURE CONTROL SOLUTIONS

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

Pressure control solutions focused on maintaining precise pressure, rapid response to load changes, and safety in sustaining data center infrastructures.



MAINTAIN SYSTEM STABILITY

Enhance Efficiency and Reduce Emissions

Ensure safe, uninterrupted, and accurate gas supply, supporting system stability even under varying flow conditions with zero emission pressure control.



HIGH RELIABILITY & SAFETY

Protect Safety-Critical Systems Without Compromise

“Wide-Open” and “Working” Monitor regulators that ensure continuous service in the event of primary regulator failure during over pressure.

Slam Shut – Mechanical device that will shut off gas flow when it senses an over or under pressure event. Can be installed independently or attached to an existing pressure regulator valve body to save space and avoid piping modifications.

Noise attenuation options can reduce noise (10 to 20 dB) depending on application.



WIDEST INDUSTRY OFFERING

Meet Aggressive Construction and Expansion Timelines

Backed by worldwide manufacturing and supply chain strength, Emerson's pressure regulating products provide dependable availability when it matters most.



FUEL FLEXIBILITY

Fuel Flexibility

Regulators are Hydrogen ready, suitable to handle most gas compositions.

For more information:
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Learn more:
controlsouthern.com/industries/data-centers/



Emerson Impact Partner



Featured Products

Emerson's pressure control portfolio supports reliable fuel gas management across all stages, from transmission let down through final engine control. These solutions help data centers operate safely, efficiently, and on schedule as demand grows.

Primary Pressure Reduction (Let-Down Station)

Reducing pressure from high-pressure transmission levels (up to 1,500 psi) down to ~15 to ~290 psi for distribution.

Fisher™ EZH and EZHSO Series



Tartarini™ FL Series Pressure Reducing Regulator



Fisher EZR Series Pressure Reducing Regulator



Fuel Gas Regulator Skid (Knockdown Station)

Reducing the distribution pressure ~300 psi down to acceptable pressures for the reciprocating engine (~15 psi to in. wc).

Fisher Types 1098-EGR and 1098H-EGR Pressure Reducing Regulators



Fisher 627 Series Commercial / Industrial Regulators



Fisher LS200 Series Regulators



Engine Fuel Gas Pressure Control (Final Stage)

To maintain the exact injection pressure required by the fuel headers. Taking inlet pressures of ~15 psi into outlet pressures of 0.2 – 5 psi or 5 in. to 14 in. wc. The outlet pressures are typically specified by the type of engine it is feeding into.

Fisher 133 Series Pressure Reducing Regulators



Fisher 299H Series Pressure Reducing Regulators



Fisher CS800 Series Regulators



Note: Featured products listed by pressure cut stages are for guidance only. Contact your Emerson Impact Partner with specific process conditions so that proper equipment can be selected and sized.

