

CO₂ Gaseous Fire Suppression Systems



CO₂ Total Flooding Fire Protection

CO₂ was the original gaseous fire suppression agent and with appropriate safety measures is still used today as an effective and economical solution.

CO₂ is the only gaseous agent where the design rules specifically provide guidance on the protection of deep seated hazards.

Total flooding or local application systems are designed to meet the requirements of NFPA 12 or BS5306-4 and are specifically designed using hydraulic flow calculation software. The system is VdS approved and components meet the requirements of EN12094 and Pressure Equipment Directive (PED).

- Fast, effective fire protection for critical assets & processes
- VdS Approved
- Tried and trusted
- Versatile & economical
- Worldwide CO₂ support



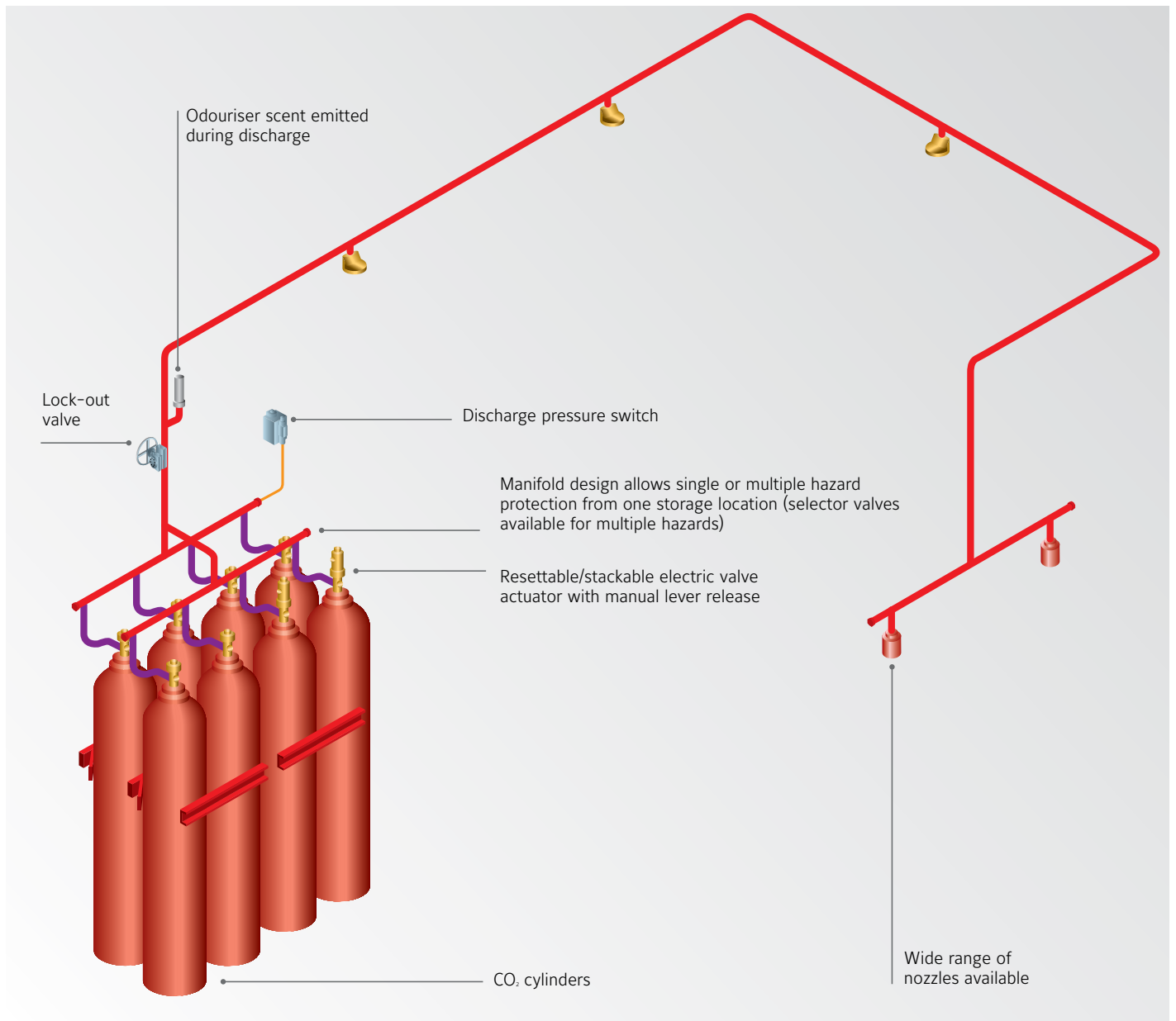


HYGOOD® High Pressure Carbon Dioxide Systems are especially effective for non-occupied hazards. Whatever the application, from cylinders to nozzle, each system is custom-designed for your specific fire hazards.

High pressure systems use individual storage cylinders that can be manifolded together for rapid simultaneous discharge. Cylinders valves can be operated automatically or manually, and either locally or remotely using electric, pneumatic or mechanical actuators.

To help ensure safety, all personnel must be trained to the safety and operational aspects of the CO₂ system.

Contact us and discuss your requirements with our expert team.



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Carbon Dioxide fire suppression systems have been proven effective in numerous unmanned applications:

- Commercial and Industrial Fryers
- Dip Tanks
- Electric Generators
- Electrical Panels
- Marine Applications (including Cargo Holds and Engine Rooms)
- Spray Booths
- Waste Disposal Equipment
- Gas Turbines
- Coal Silos
- Hazardous Material Storage
- Quench Tanks
- Semiconductor Wet Benches
- Computer Room Subfloors
- Unmanned Control Rooms
- Coating Operations
- Paint Lines
- Wave Solder Machines
- Machining Operations
- Transformer Vaults
- Dust Collectors
- Printing Presses



Trusted gaseous
solutions using
pioneering technology



About Johnson Controls' Building Technologies and Solutions

Johnson Controls' Building Technologies & Solutions is making the world safer, smarter and more sustainable – one building at a time. Our technology portfolio integrates every aspect of a building – whether security systems, energy management, fire suppression or HVACR – to ensure that we exceed customer expectations at all times. We operate in more than 150 countries through our unmatched network of branches and distribution channels, helping building owners, operators, engineers and contractors enhance the full lifecycle of any facility. Our arsenal of brands includes some of the most trusted names in the industry, such as Tyco®, YORK®, Metasys®, Ruskin®, Frick®, PENN®, Sabroe®, Simplex® and Grinnell®.

For more information, visit www.johnsoncontrols.com or follow @HygoodFire on Twitter.

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