



CO₂

**Carbon Dioxide
Fire Suppression Systems**



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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
- Electric Generating Equipment
- Electrical Panels
- Marine Applications (including Cargo Holds, Paint Lockers, Engine Rooms, Scr Rooms and Snuffing Systems)
- 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
- Hose Reel Stations
- Transformer Vaults
- Dust Collectors
- Printing Presses
- Inerting Systems



- **Tried and trusted**
- **PED Compliant**
- **Versatile & economical**
- **Worldwide CO₂ support**



Hygood Fire Extinguishing Systems are manufactured by:

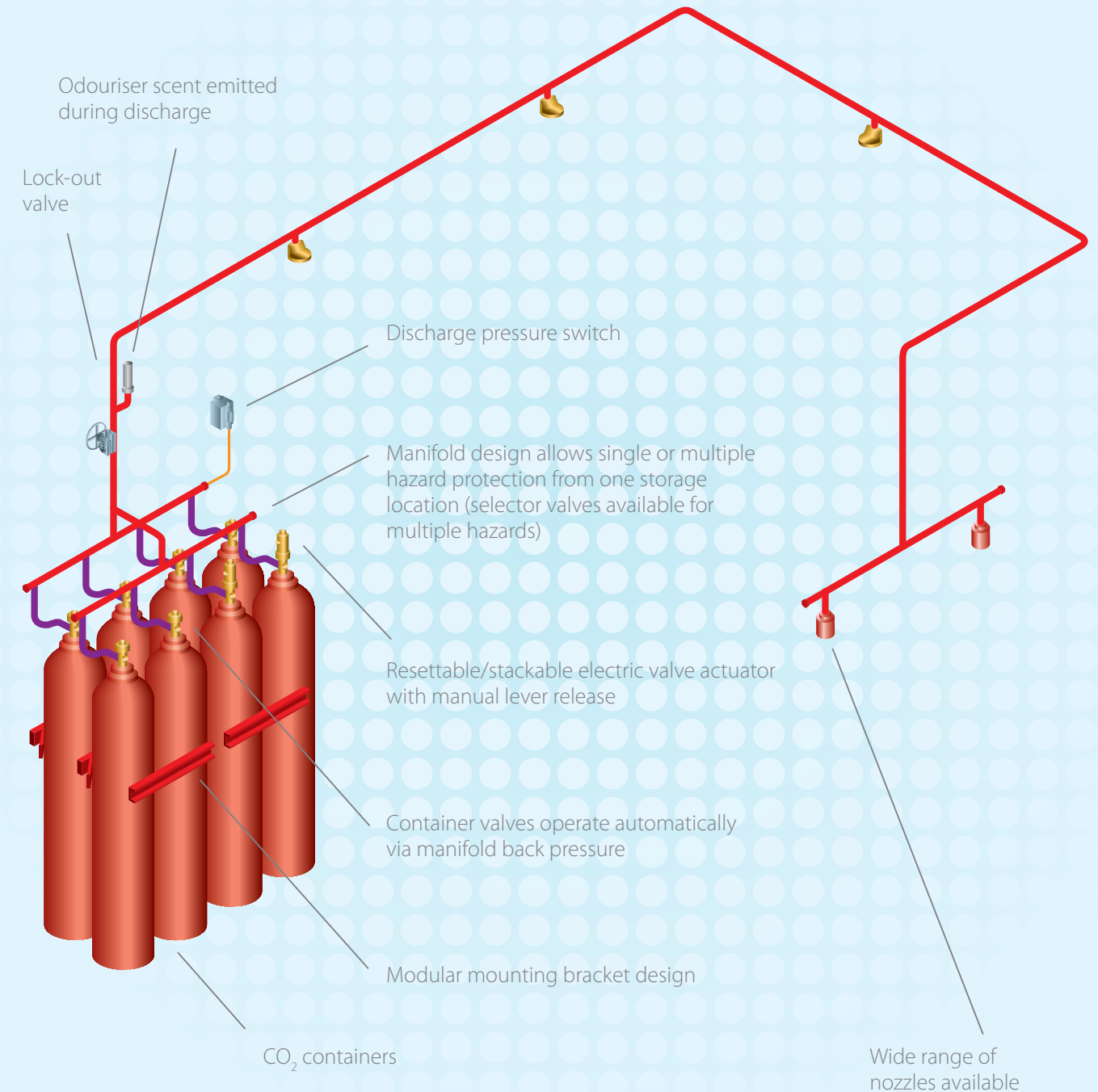
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CO₂ Total Flooding Fire Protection

A fire in your facility is never pleasant. But, it doesn't have to be debilitating. Carbon Dioxide, the original "clean agent," is still an economical solution, providing automatic or manual protection for Class A, B or C fires.



Tried and True

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 complies with the requirements of the Pressure Equipment Directive and uses standard 67 litre containers.

Hygood High Pressure CO₂ Systems

Hygood High Pressure Carbon Dioxide Systems are especially effective for non-occupied hazards such as semiconductor wet benches, control rooms and paint lines. Whatever the application, from container to nozzle, each system is custom-designed for your specific fire hazards.

High pressure systems use individual storage containers that can be manifolded together for rapid

simultaneous discharge. Container valves can be opened automatically or manually, and either locally or remotely using electric, pneumatic or mechanical valve actuators.

The standard system relies on back pressure operation, which allows for simplified installation, without excessive use of actuation tubes which can be vulnerable and susceptible to damage in an industrial application.

To help ensure safety, all personnel must be trained to the safety and operational aspects of the CO₂ system. Do not enter the hazard area during discharge, or until the area is thoroughly ventilated.

Hygood also provides effective alternative solutions to Low Pressure CO₂ Systems. Contact us and discuss your requirements with our expert team.