

CARBON DIOXIDE  
FIRE SUPPRESSION  
SYSTEM

FIKE CO<sub>2</sub> –

RELIABLE

FAST

EFFECTIVE



**Fike**®

AN ENVIRONMENTALLY

EFFECTIVE, SAFE

FIRE SUPPRESSION

AGENT WHICH IS

COLORLESS, ODORLESS,

AND ELECTRICALLY

NON-CONDUCTIVE.

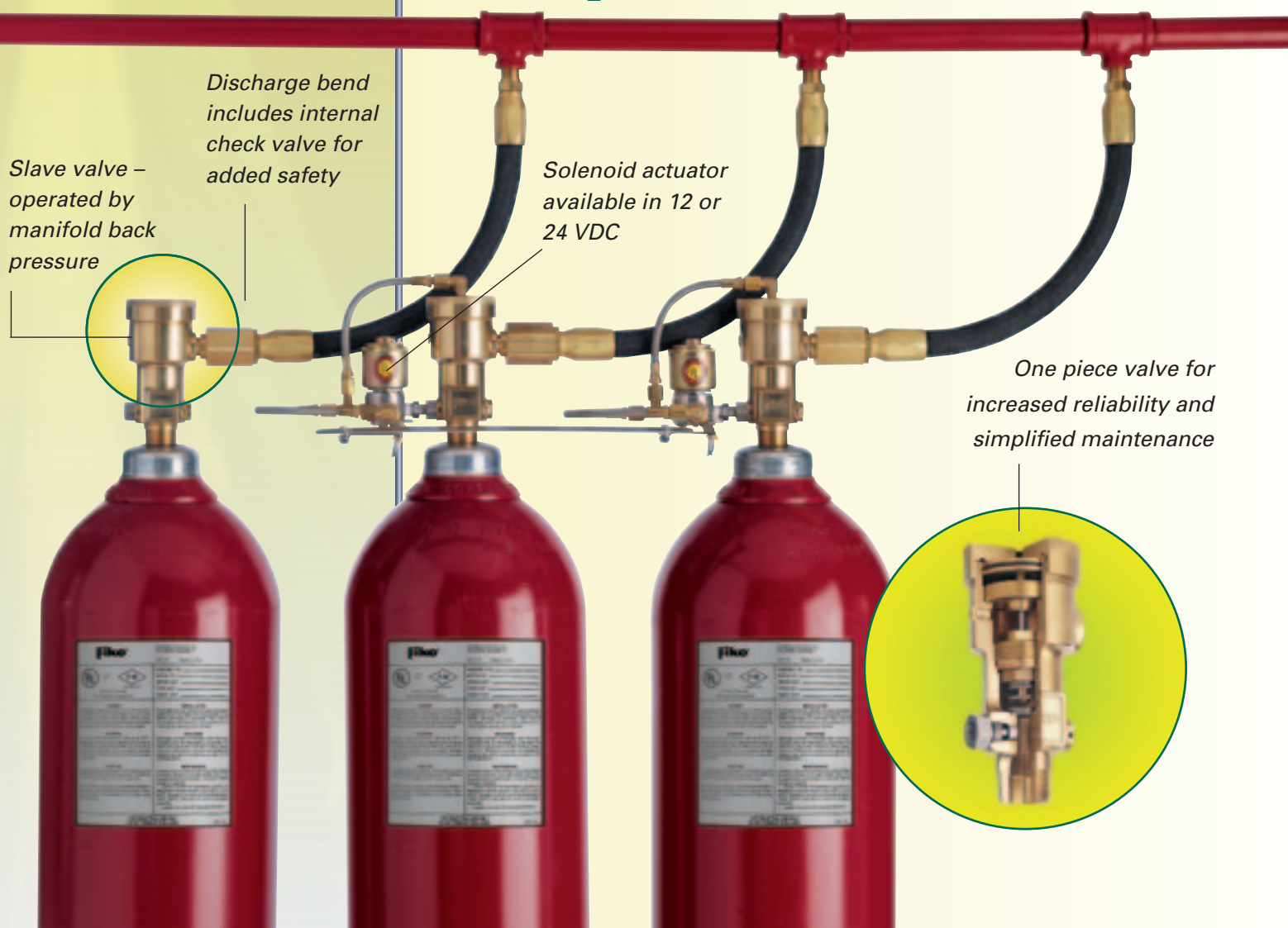
### Why Carbon Dioxide?

Carbon dioxide is an effective fire suppression agent applicable to a wide range of fire hazards. Carbon dioxide works quickly, with no residual clean-up associated with a system discharge which translates into **minimal business interruption**.

Other Benefits of a Fike Carbon Dioxide Fire Protection System Include:

- **Fast and Effective** - within seconds, CO<sub>2</sub> penetrates the entire hazard area to smother the combustion.
- **Electrically non-conductive** - for a wide range of applications.
- **Versatile** - CO<sub>2</sub> is effective on flammable and combustible materials and approved for Class A, B, and C hazards.
- Full **1 year warranty**
- **Environmentally friendly** - because carbon dioxide is naturally found in the atmosphere, there is no environmental impact.
- **ISO 9001 Certified**
- Recognized by top independent listings and approvals agencies:
  - **FM**
  - **UL**
  - **USCG Marine Approved**

### FIKE CO<sub>2</sub> – RELIABLE, FAST, AND EFFECTIVE



## Total Flooding and Local Application Systems

Both CO<sub>2</sub> systems consist of a fixed supply of carbon dioxide connected to a piping network for agent distribution. A total flooding system quickly extinguishes both surface and deep seated fire hazards by discharging the agent into an enclosed volume. A local application system is used when the hazard is non-enclosable. Local application systems protect a two- or three-dimensional hazard by discharging the carbon dioxide directly on the burning material.

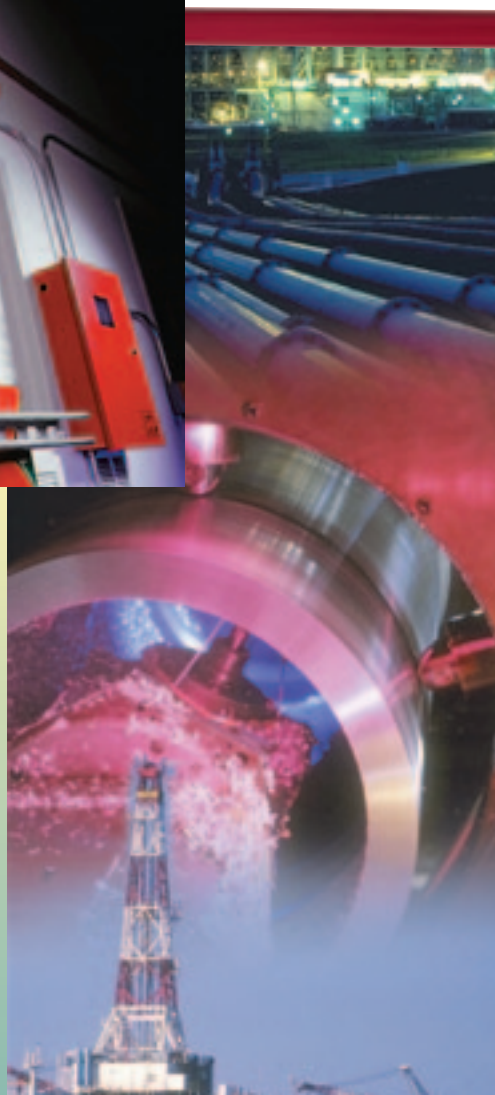
## How Does Carbon Dioxide Work?

Fike Carbon Dioxide systems use intelligent, reliable, and fast acting controls to quickly sense a fire before it can cause costly damage to your property. Carbon dioxide gas has a high rate of expansion which allows it to work fast. When applied to a fire, CO<sub>2</sub> provides a heavy blanket of gas that reduces the oxygen level to a point where combustion cannot occur. Since carbon dioxide is a gas, there is no clean-up associated with a system discharge — which means minimal business interruption.



## Applications for CO<sub>2</sub>

- Flammable liquid storage areas
- Quench tanks
- Mixing operations
- Spray booths
- Turbine driven generators
- Electrical areas
- Dust collectors
- Engine rooms



## UL/FM FIRE SUPPRESSION CONTROLS THAT FIT YOUR NEEDS



Fike's intelligent Cheetah Xi® system turns every device into a peer. These peers not only communicate up-to-the-second information to the control panel, they also communicate with each other.



Each device is capable of generating accurate and highly detailed information. Conventional systems give you a general idea of a fire's location — for example, the second floor of your building. Cheetah Xi's intelligent sensors tell you precisely which device is in alarm and specific information on that hazard — for example, a specific location on the second floor.

Cheetah Xi modules can control processes or integrate with other systems such as:

- Shutdowns
- HVAC / Smoke Control
- Voice Evacuation Systems
- Dampers
- Doors
- Elevators
- Releasing of Clean Agent Suppression, Carbon Dioxide Suppression, Watermist, Foam, and Sprinkler / Pre-Action
- Security / CCTV / Building Management

In addition, Fike offers a reliable, conventional fire detection system, the SHP PRO®... easily configured for use within a wide range of industries and fire suppression applications.





## WE'RE PROUD OF OUR RESUME

**EXPERIENCED:** We've worked in the fire protection business since 1960.

**FOCUSED:** We specialize in Life Safety Products, as well as Facility and Asset Protection Products.

**VERSATILE:** We design, manufacture, distribute and maintain our products.

**GLOBAL:** We have clients, manufacturing facilities, sales outlets and maintenance companies around the world.

**INNOVATIVE:** In 1994, we became the first manufacturer to bring a UL Listed and FM Approved, clean agent fire suppression system to market, replacing Halon.

**EARTH-FRIENDLY:** We pioneered the development of clean agent systems and we continue to explore environmentally safe alternatives such as inert gas.

**COMPREHENSIVE:** Fike has a worldwide network of experienced distributors each with a staff of factory trained technicians to meet your installation and service requirements.



WWW.FIKE.COM



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FIKE CO<sub>2</sub> -

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