

CARBON DIOXIDE
FIRE SUPPRESSION
SYSTEM

FIKE CO₂ -

RELIABLE

FAST

EFFECTIVE

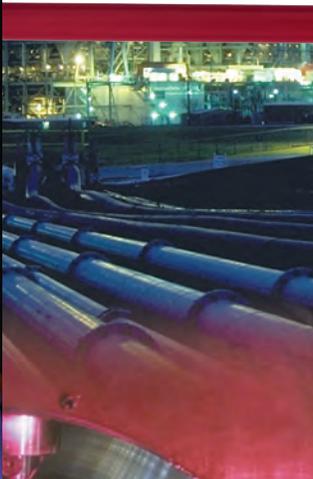


Total Flooding and Local Application Systems

Both CO₂ 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, CO₂ 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 CO₂

- 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.



FIKE GLOBAL MANUFACTURING, SALES AND SERVICE

AMERICAS

FIKE CORPORATION
Blue Springs, MO, USA
Tel: +1-816-229-3405
Email: fpssales@fike.com

FIKE LATINA LTDA (MERCOSUR)
Jundiai, Brazil
Tel: +55-11-4525-5900
Email: vendas@fike.com.br

CARIBBEAN, CENTRAL, SOUTH AMERICA (CCSA)
Houston, TX, USA
Tel: +1-281-895-0756
Email: ccsasales@fike.com

EUROPE

FIKE PROTECTION SYSTEMS, LTD.
Guildford, Surrey
United Kingdom
Tel: +44-1-483-457584
Email: sales.uk@fike.com

ASIA

FIKE ASIA PACIFIC SDN BHD
Selangor Darul Ehsan, Malaysia
Tel: +60-3-7859-1462
Email: fikeap@fike.com

MIDDLE EAST

FIKE CORPORATION DUBAI
Dubai, UAE
Tel: +971 4 (0) 3866455
Email: fike.dubai@fike.com

FIKE CO₂ -

RELIABLE, FAST, EFFECTIVE



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