FIRERASER®

SMALL-SPACE FIRE

SUPPRESSION FOR

HIGH-VALUE ASSETS

Fike®

FIRERASER

CAN YOUR BUSINESS AFFORD THE HIGH COST OF BEING UNPROTECTED?

The cost of one hour of downtime on a production line or computer server can exceed the cost of a *FIRERASER* system. In fact, a *FIRERASER* automatic fire suppression system often doesn't cost any more than a basic security system — that's a small price to pay for added peace of mind!

The loss of a single computer server, or one piece of manufacturing or processing equipment, can mean the difference between success and failure to a growing business. The temporary shutdown of a production line or the crashing of an order-processing server can cost a business thousands of dollars per hour in lost revenue.

The ***FIRERASER*** fire suppression system from Fike provides economical, on-board fire suppression for everything from computer cabinets to CNC machines, medical imaging equipment, electrical closets and even small data centers. Whether you're a small business that depends on a small server rack or a big business that wants to protect critical equipment at the source, the ***FIRERASER*** fire protection system is the answer.

- ***Specifically designed for protection of small-space enclosures***
- ***Economical, pre-engineered, all-in-one system – no expensive design work or flow calculations necessary***
- ***Easy installation and maintenance***
- ***Protects without the damaging side-effects of water***

WATER AND ELECTRONICS: A BAD COMBINATION

CLEAN AGENT FIRE PROTECTION IS BEST FOR ELECTRONICS AND ELECTRIC EQUIPMENT

Water-based fire suppression systems, sprinklers and handheld extinguishers, are designed to protect people and structures. But, when it comes to protecting high value machinery, computers and other electronic equipment, water can be more damaging than the fire itself!

Gaseous chemical suppression systems (clean agent systems) have been used for more than 40 years to protect electronics and other valuables that are susceptible to the damaging effects of water-based suppression systems. Clean agents, such as DuPont™ FE-25™ and FE-227™, both of which are offered in the ***FIRERASER*** system, are superior to water and dry chemicals in virtually every way:

- *Clean agents are not electrically conductive, and do not damage electronics – water is a great conductor and ruins electronics!*
- *Clean agents extinguish fires faster than water, and offer three-dimensional penetration of a space. Water is two dimensional and does not permeate spaces such as the interior of computer enclosures.*
- *Clean agents are safe for people.*
- *Clean agents leave no residue and require no cleanup.*
- *Because they act quickly, clean agents greatly reduce the amount of smoke and soot damage caused by a fire.*

Fike®

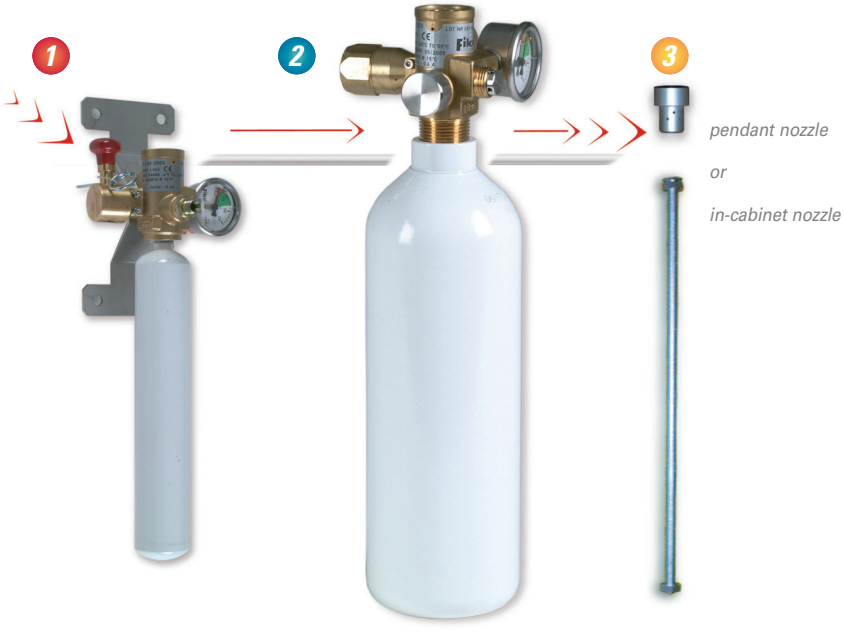
THE UNIQUE *FIRERASER* DESIGN — A VERSATILE SOLUTION FOR MULTIPLE APPLICATIONS:

Local Manual Actuation

In its simplest form, the ***FIRERASER*** system can be manually activated at the container valve. By simply pulling the pin and pushing the strike knob down (1), the ***FIRERASER*** agent is released through the pipe network and out of the discharge nozzle(s) (2). This configuration is used in small spaces when a fire is only likely to occur while a person is operating a machine or otherwise occupying the protected space. For example, local manual actuation might be used to protect an operator-run machine on a production line.

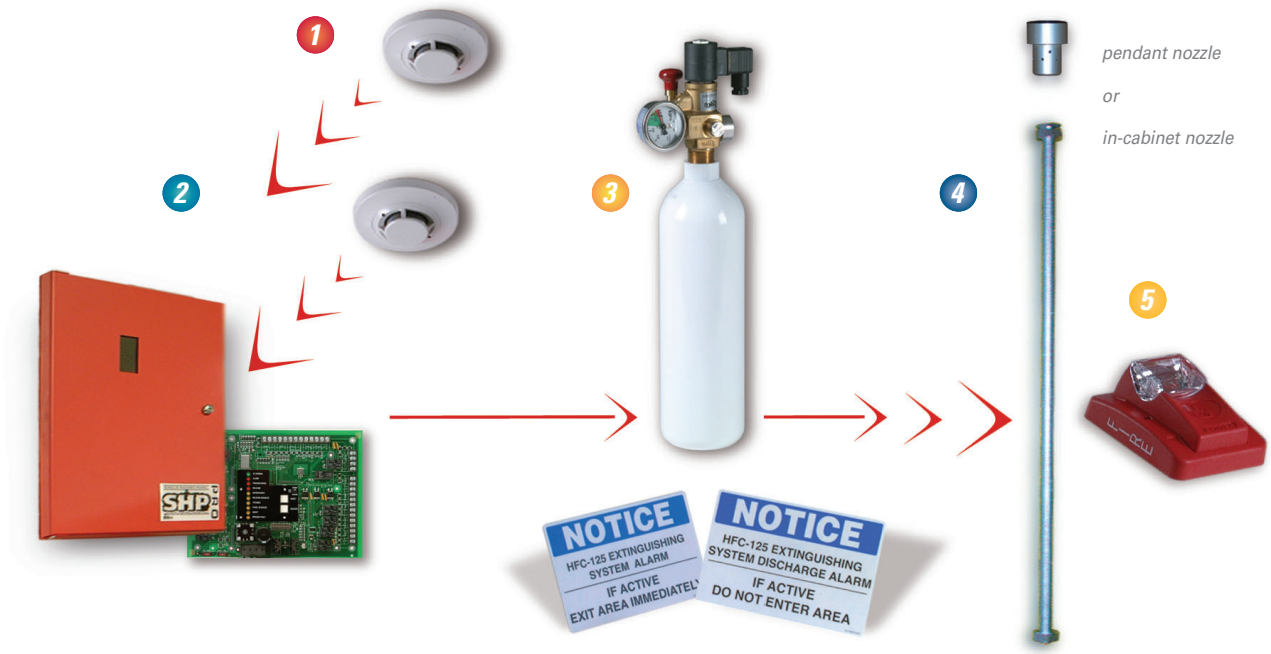
Remote Manual Actuation

In situations where an operator is present, but is not likely to be near the ***FIRERASER*** container when a fire occurs, remote manual actuation is used. With this configuration, the remote actuator is mounted in a readily accessible area, which can be as far as 100 feet (30m) from the ***FIRERASER*** container. When a fire is detected a person simply pulls the pin on the actuator and pushes down the strike knob (1). This releases nitrogen from the actuator, which then flows through a small diameter stainless steel flex hose and/or stainless steel tubing, to the ***FIRERASER*** container. The nitrogen pressure opens the valve on the ***FIRERASER*** container (2), releasing the extinguishing agent, which then flows through the pipe network and out of the discharge nozzle(s) (3) extinguishing the fire. Remote manual actuation might be used to protect a CNC machine. The ***FIRERASER*** container could be stored out of the way inside the machine housing or behind the machine, and the remote actuator could be mounted on the CNC machine's control panel.



Automatic Actuation

With the automatic actuation package, the ***FIRERASER*** system can be used to protect areas where a human isn't necessarily going to be present to activate the system during a fire. Areas such as small computer rooms, electrical closets and computer cabinets, are often in constant use but may not be closely monitored by personnel. A fire might not be noticed until significant damage has already occurred. With the automatic actuation system, two smoke detectors 1 are used to detect the very first traces of combustion. When this occurs, the smoke detectors send an electrical signal to the SHP-Pro™ control panel 2, which then sends a signal to the ***FIRERASER*** container valve, 3 opening it and releasing the agent through the pipe network, out of the discharge nozzle(s) 4 and into the protected space. Upon detection of a fire, a horn/strobe device 5 receives a signal from the control panel and provides a visible and audible signal that the system has been activated.



AFFORDABLE WATERLESS FIRE PROTECTION

Configuring and ordering a Fireraser system is as easy as 1, 2, 3:

1. Select the proper container assembly for the space to be protected.
2. Choose manual (local or remote) or automatic actuation.
3. Choose Nozzle Type - In-cabinet or pendant.

Your Fike distributor can help you choose the options that are best for your situation. To learn more about the Fireraser system, or for your nearest distributor, please call Fike at 1-866-758-6004 or visit www.Fike.com.

THE ALL-IN-ONE SOLUTION

FIRERASER is a complete, easy to install fire suppression system that can be configured to protect a variety of hazards.

THE CONCEPT IS SIMPLE:

1. Clean agent is stored in a small, pressurized container.
2. The container is connected to a simple network made of standard copper or black pipe and compression or threaded fittings.
3. When the container is actuated, either manually or automatically, the agent is released from the container, flows through the pipe network, out of the nozzle(s) and into the protected space, extinguishing the fire.

- The ***FIRERASER*** container uses a unique valve that allows for either automatic electrical actuation or manual actuation.
- Extinguishing agent comes in small 5- to 35-pound containers, for protecting volumes up to 1,100 cubic feet.
- Uses a gaseous clean agent to extinguish the fire without damaging water or residue.

FIRERASER

SMALL

SPACE

FIRE

SUPPRESSION

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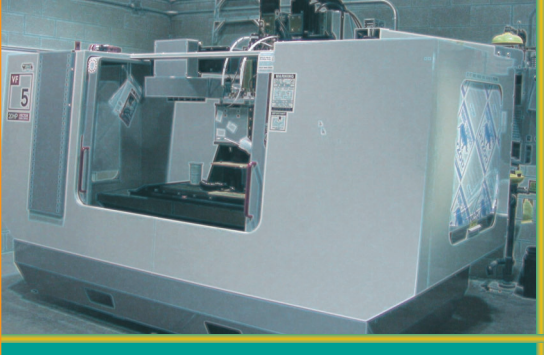
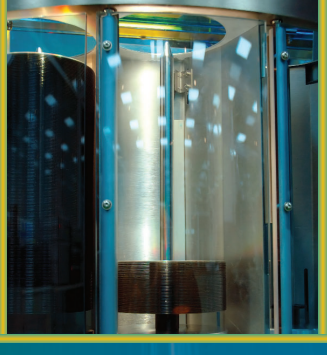
THE ALL-IN-ONE SOLUTION





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