

S I T E  
S P E C I F I C

P R O T E C T I N G

Y O U R

M I C R O - E N V I R O N M E N T

**FIRETRACE**<sup>®</sup>  
AUTOMATIC FIRE SUPPRESSION SYSTEMS

## THE FIRETRACE<sup>®</sup> ADVANTAGE

The effectiveness of a Firetrace system comes from our proprietary, polymer tubing that will rupture when exposed to a flame. This specialized Firetrace Detection Tubing combines leak resistance, flexibility, durability and precise temperature sensitivity, allowing it to react quickly when the heat from a fire is present. Our Detection Tubing connects to one of our custom engineered valves and a Firetrace cylinder that contains the best fire suppression agent for the particular hazard.

Designed for simple installation, often very near the source of a potential fire, Firetrace is a self-activating suppression system that reliably suppresses fires in seconds. We provide a low maintenance, cost-effective solution to the problem of "micro-environment" protection. Micro-environment applications are typically between 250 — 300 cubic feet (7.08 — 8.50 cubic meters). Firetrace requires no electricity or external power source, so it will provide its vital fire protection even in the event of power failure. Plus, our systems can be configured to turn off power or fuel supplies to equipment or machinery.

### UNIQUE FIRETRACE ADVANTAGES:

- Suppresses fire within seconds to minimize damage
- Flexible, narrow tubing is particularly applicable in small spaces
- Always activates where the most heat is detected
- Can be installed virtually anywhere, especially in hard-to-reach areas
- No electricity required; performs even during electrical failure
- Variety of available suppressants including FM-200<sup>®</sup>, dry chemical powders, CO<sub>2</sub>, water and foam
- Cost-effective and practical
- Quick and simple installation



*The Firetrace Detection Tubing is the "heart" of our system.*

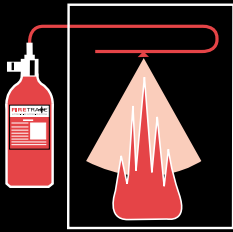


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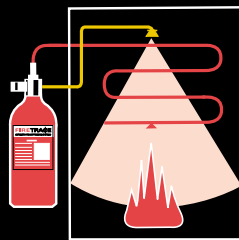
## DIRECT DELIVERY



## DIRECT RELEASE - LOW PRESSURE SYSTEMS

The Direct Low Pressure (DLP) System utilizes the Firetrace Detection Tubing as both the fire detection device and the fire suppressant delivery system. The portion of the Tube nearest the hottest point of the fire ruptures, forming an effective discharge "nozzle". The pressure drop in the Tube releases the entire contents of the cylinder through this nozzle.

## INDIRECT DELIVERY



## INDIRECT RELEASE - LOW PRESSURE SYSTEMS

With the Indirect Low Pressure (ILP) System, the Firetrace Detection Tubing is used only as a detection device. The fire suppression agent is delivered via copper tubing, stainless steel tubing or braided hose. Once the tube "bursts", the suppressant is discharged through strategically placed nozzles within the protected enclosure.

## HIGH PRESSURE SYSTEMS

This line of Firetrace products, available in both direct and indirect systems, allows for delivery of high pressure suppressants such as carbon dioxide, argon or similar agents.

### Technical & Industrial

Enclosed automated milling machines; EDM machines; robotic welding machines; plastic injection molding machines



### Electrical Controls & Cabinets

PLC & process automation control cabinets; critical data processing equipment; UPS cabinets; medical equipment; switchgears



### Industrial Equipment

Forklifts; plant machinery engine protection; paper pulping machines



### Fume Cabinets

Chemical storage; research and development labs; chemical production; pharmaceutical labs



### Commercial Fleet & Alternative Fuel Vehicles

Mass transit; police authority riot vehicles; military personnel transport



### Isolated Industrial Installations

Drilling rig controls; radio & TV transmitters; railroad controls; cellular telephone sites



Our worldwide network of authorized Firetrace distributors proposes, installs and supports Firetrace systems to reliably and effectively protect your assets. The only limits to our micro-environment protection are professional fire protection expertise and your imagination!

## Over 25,000 Firetrace systems are already silently protecting micro-environments in various locations around the world!

Some examples of where Firetrace micro-environment protection has been effectively installed include:



- ELECTRICAL CONTROL PANELS
- LABORATORY FUME/EXHAUST CABINETS
- EDM & CNC MACHINING CENTERS
- UPS UNITS
- COMPUTER/DATA STORAGE CABINETS
- PUMP ENCLOSURES
- TRANSFORMER CABINETS
- FLAMMABLE CHEMICALS STORAGE CABINETS
- GENERATOR ENCLOSURES
- ALTERNATIVE FUEL VEHICLES (i.e. propane-powered)

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Visit the Firetrace Web site often to learn more about the unique Firetrace technology and the many applications where it's being used.

Distributor:

Firetrace has more than 20 international approvals and listings including:



Approvals and listings vary by system type and agent.