SITE

SPECIFIC

PROTECTING

YOUR

MICRO-ENVIRONMENT

MOBILITY VEHICLE
FIRE PROTECTION SOLUTIONS

FIRETRACE®

AUTOMATIC FIRE SUPPRESSION SYSTEMS

The problem

A fire in a vehicle is always a dangerous situation. However for those who face mobility challenges, the danger is far greater. Even a short delay in exiting the burning vehicle could result in greater injuries and even death.

As a result, many local and state authorities have mandated vehicles that carry mobility challenged passengers MUST be equipped with automatic fire suppression systems to protect against fire and give rescuers additional time to assist passengers in exiting the vehicles.

For the thousands of vehicles already on the road which were not designed with a fire suppression system, a system must be retrofitted into the vehicle. However, finding a fire suppression system that is reliable enough for the vibration, dirt and temperature extremes — while being flexible enough to be retrofitted into a variety of vehicles — has been problematic. Until Firetrace…

The solution

Firetrace is the ideal solution for protecting these vehicles. Firetrace was designed for retrofit into vehicle applications; its robust design is capable of reliable detection and operation in spite of the environment in the vehicle.

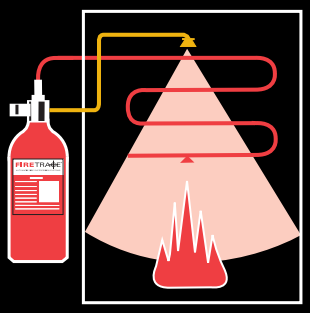
In order to effectively suppress these fires, fast detection is essential. Firetrace, using its proprietary red Firetrace Detection Tubing, can react to fires more than 10 times faster than traditional heat activated sprinkler heads. Firetrace Detection Tubing is durable enough to withstand the harsh environment within the vehicle, yet reliable enough to quickly detect fire without costly false discharges.

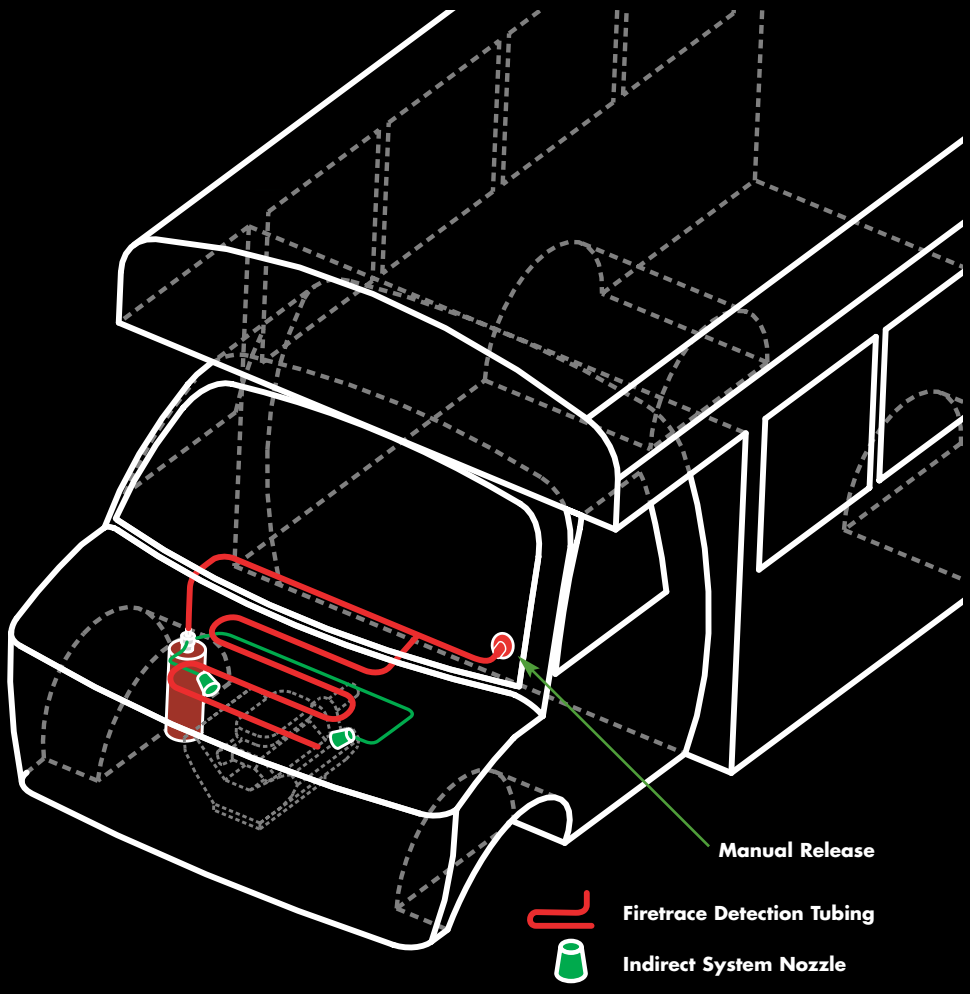
In a mobile application when fire is detected, Firetrace typically delivers the fire-suppressing agent (depending on the size of the engine enclosure) through strategically placed nozzles, effectively suppressing the fire.

How it works

Firetrace is a totally self-contained fire detection and suppression system. It requires no electricity to operate and offers automatic 24/7 protection for the vehicle.

The proprietary red Firetrace Detection Tubing is the key to detecting fires where they start. By routing the tubing through the compartments to be protected, Firetrace's detection can get right to the source of the fire. Firetrace tubing is constructed from a proprietary polymer composition; it is immune to the dust, vibration and shocks associated with these vehicles. When the tubing is exposed to the heat and radiant energy from a fire, the tubing bursts, activating the system.





The red **Firetrace Detection Tubing** (pictured above and below) can be run across all potential hazard areas, ensuring detection is close to the most probable fire sources.

Firetrace systems will activate automatically in the event of a fire. Firetrace also offers the ability for the bus operator to manually activate the system. Alarms are also available to annunciate the activation of the system.

Firetrace's Vehicle Applications

Firetrace has more than 45,000 systems installed protecting critical equipment worldwide. Firetrace has its origins in the late 1980's in the United Kingdom as a special hazard fire suppression system. Through the 1990's applications expanded to include enclosures such as machines, fume hoods, data centers and electrical cabinets as distribution increased in Europe.

In 2001, the worldwide rights to Firetrace were purchased by Firetrace USA, a group of fire suppression industry veterans who saw the value in creating fire suppression systems for "micro-environments." This concept is simply providing supplemental protection that suppresses fire quickly within the protected space before larger room or building systems would activate. As a result of this supplemental protection, fire damage, both direct and collateral, and costs associated with cleanup and downtime are significantly reduced or eliminated. Available in multiple system sizes (ranging from one pound systems to 50 pound systems) utilizing a variety of fire suppressing agent options, Firetrace is now the choice fire suppressing system for virtually any enclosed application, including mobility vehicles.

Why Choose Firetrace?

- Firetrace systems are totally self-contained, do not require any type of outside electrical source, and thus are not a drain on your vehicle's power supply.
- Firetrace systems will be designed with the right fire suppression agent for your vechicle and climate.
- Firetrace systems simple design and application can normally be installed in a few short hours.
- Firetrace's versatile detection tubing virtually eliminates false discharges and subsequent costly down time and expense.
- Firetrace's rugged detection tubing can be used in harsh environments where other types of detection would quickly deteriorate and render the system inoperable.
- Firetrace systems carry major listings and approvals such as UL, FM and ULC.
- Firetrace systems are supported by a network of over 250 distributors worldwide to assure your system is maintained to the requirements of the manufacturer and local authorities.

FIRETRACE®
AUTOMATIC FIRE SUPPRESSION SYSTEMS

Distributor:

Firetrace is available exclusively through our worldwide distributors, each of which has been properly trained in the installation and maintenance of Firetrace systems. To locate the Firetrace distributor nearest you please contact us at:

Firetrace International
15678 N. Greenway-Hayden Loop, Suite 103
Scottsdale, AZ 85260 USA

1-866-607-1218 (US and Canada)
1-480-607-1218 (Elsewhere)
1-480-315-1316 (Fax)

Firetrace@firetrace.com

www.firetrace.com

Firetrace has more than 20 international approvals and listings including:

Approvals and listings vary by system type and agent.