

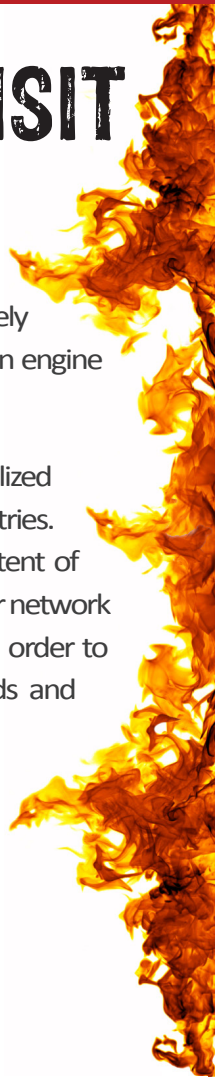
FIRE PROTECTION FOR MASS TRANSIT

EXTENSIVE research has shown that the mass transit busing system currently lacks any effective form of fire suppression to ensure continued protection. It is imperative that these buses be protected from fire due to the possibility for damage to equipment and loss of valuable capital. More importantly, these vehicles must be protected in order to help suppress fires long enough for passengers and operators to quickly escape in these events. We have buses covered. Forty years of experience has made **AFEX** specialists in the business of fire suppression. Continuous innovation and product specialization has allowed us to create the most effective systems on the market, while maintaining focus on our customers' needs. Simply put, fire suppression is what we do.

At **AFEX** we know how to protect a wide range of vehicles. We also know that while fires in public transit are seemingly rare, the liability potential in the event damage or injury as a result of neglecting to emphasize fire protection is immense. Our systems can be installed very

easily in buses and are easily maintained, saving time by not interfering with the hectic driving schedules of the buses. Utilization of **AFEX** systems will severely limit the potential for loss if and when an engine fire occurs.

AFEX provides the most specialized systems for the most specialized industries. We make our systems with the sole intent of protecting your equipment. Through our network of distributors we can work with you in order to meet all of your fire suppression needs and keep you protected.



SYSTEM FEATURES

Stainless Steel Tubing Distribution

The **AFEX** system is widely known for its rugged stainless steel construction, designed to be as sturdy as the machine it's installed upon. The tubing is nearly maintenance free and avoids costly and time consuming hose replacements.

Tubing, unlike hose, does not twist or tangle among the many existing hydraulic lines. It provides a clean and organized appearance that places the nozzles in fixed positions to best reach fire hazards without interfering with routine maintenance and operation of the machine.

Conical Discharge Nozzle

The **AFEX** nozzle delivers a conical discharge pattern for broad distribution of the dry chemical agent, creating a "total flooding" system and maximizing area coverage. The integrated spring-loaded hinge keeps the nozzle clear of debris (without the need to constantly replace blow-off caps) and directs the dispersion of the agent towards the hazard.

Automatic Detection System

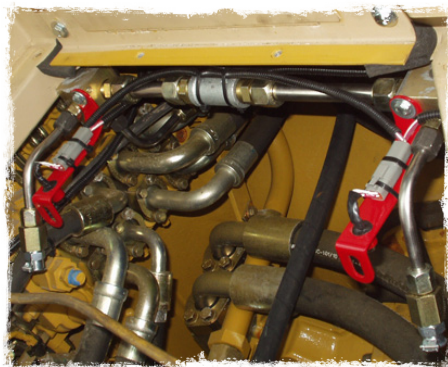
The **AFEX** sensor is a single-pole, single-throw, switch that activates automatically when the sensor reaches the pre-set temperature. The case is laser welded to form a hermetically sealed housing and can be encased in various types of brackets or enclosures for ease of mounting.

Each unit is manufactured to meet or exceed critical commercial, industrial, and military specifications and then inspected by hand to ensure proper operation.

Circuit Monitor Panel

The **AFEX** CMP uses both audible and visual alarms to alert the operator to system conditions and can also activate external alarm devices. An operator controlled delay function is provided to prevent unwanted system discharges and an optional engine shutdown switch is available to reduce the risk of fire reignition.

The design uses solid state electronics rather than microprocessors to make the monitor resistant to false alarms and interference from EMI, RF, and unregulated voltage. Power is accessed from the equipment's battery, so no additional batteries are necessary.



A vehicle fire suppression system is not a finished product until it is installed. Therefore, proper installation and maintenance are crucial to ensure long-term reliability and effectiveness of the system.

AFEX knows heavy equipment and the hazards that put it at risk. AFEX distributors share the same special knowledge required to effectively protect heavy equipment against fire risks. Unlike our competitors, all AFEX distributors are experienced with vehicle fire suppression systems and heavy equipment.

When choosing a vehicle fire suppression system, choose AFEX for the quality of design and choose AFEX distributors for the quality and reliability of their service.

Let us introduce you to your local AFEX service provider. Call us at (919) 781-6610 or email info@afexsystems.com.