

FIRE PROTECTION FOR UNDERGROUND MINING EQUIPMENT

To protect their capital equipment, mine operators want a fire suppression system that is effective and automatic. Since a down machine can cost thousands of dollars a day in lost production, they want a system that is low maintenance and easily serviced.

AFEX knows the mining industry and understands the demands of your operation. Our fire suppression systems are purpose-built to withstand the everyday abuse your machines experience. They are rugged, reliable, and effective. In the event of a fire, the system discharges automatically, saving valuable seconds crucial to limiting the damage to your machine.

AFEX supplies many of the largest mines in North and South America with our reliable, low maintenance, fire suppression systems. The systems are commonly installed on drills, load haul dump loaders, and underground mining trucks. They are available in many sizes and configurations to meet your needs.

AFEX FIRE SUPPRESSION SYSTEMS
ARE **MADE FOR THE MINE.**



If you are serious about protecting your equipment against fires, then you can rely on **AFEX**, as a specialist, to offer you the best solution.

SYSTEM FEATURES

THE #1 FIRE SUPPRESSION SYSTEM IN THE AMERICAS.

Stainless Steel Tubing Distribution



The AFEX system is widely known for its rugged stainless steel construction. 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, providing a clean and organized appearance. Also placing the nozzles in fixed positions to best reaches 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 system offers linear detection wire, able to detect a fire anywhere along the length of the cable, or sensors that activate automatically when it reaches the pre-set temperature.

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

Control Unit



The Control Unit combines micro-processor technology with AFEX durability for the ultimate fire suppression system. In the event of a fire, audible and visual signals alert the operator to any problem or alarm conditions. These alerts are visible on the LCD display, and are also stored on the Control Unit's internal log for troubleshooting

In the event the battery connection is severed during a fire, or if no vehicle battery connection is available, the internal battery pack provides up to one year of standalone power.

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.