AFEX
FIRE SUPPRESSION SYSTEMS

FM APPROVED

YOUR INDUSTRY HAS UNIQUE EQUIPMENT.
YOUR EQUIPMENT HAS UNIQUE FIRE RISKS.
AFEX KNOWS.

FIRE PROTECTION FOR AGRICULTURE EQUIPMENT.

Each year, combine and cotton picker fires result in over $20 million in property loss.

Agricultural machines have a high risk of fires due to the buildup of debris such as straw and crop residue. Heat from the engine and exhaust components can ignite this debris, resulting in a fire which damages or destroys the machine and can spread to the surrounding crops.

To protect yourself from the loss of your equipment, crops, and productivity, you need a purpose-built fire suppression system.

AFEX has dedicated over 40 years of hard work to the research, design, and production of fire suppression systems for heavy equipment.

We specialize in protecting the vehicles used in the agriculture, mining, forestry, steel, paper, waste, transportation, and similar industries. ...In fact, **it's all we do**.

AFEX systems are rugged, reliable, and effective. They are also easily serviced in the field using common hand tools, reducing the amount of downtime and lost productivity experienced as the result of a fire.

If you're looking to protect your equipment from fires, an **AFEX** fire suppression system is your solution. Together we can design a fire suppression that fits your fire protection needs.

120, 25791-114Ave
Acheson AB Canada
T7X 6E2
www.tomahawkind.ca

Tomahawk Industries Ltd.

Phone: 780-948-9955
info@tomahawkind.ca

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

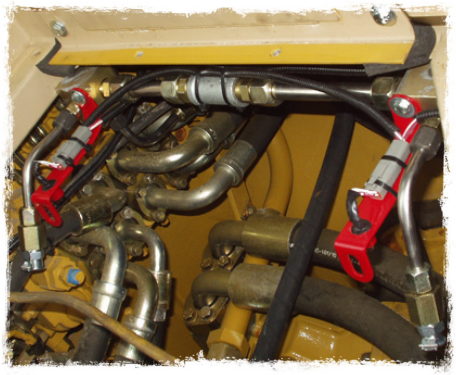
The **AFEX** sensor is a single-pole, single-throw, switch that activates automatically when the sensor reaches the pre-set temperature. The case is laser welded to form a hermetically sealed housing and can be encased in various types of brackets or enclosures for ease of mounting.

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 780-948-9955 or email parts@tomahawkind.ca