

FIRE SUPPRESSION SYSTEMS

LINEAR HEAT DETECTION TUBE
BASED AUTOMATIC FIRE
DETECTION AND SUPPRESSION
SYSTEMS



DIRECT / INDIRECT LOW & HIGH PRESSURE SYSTEMS

Sales

Installation

Service

FIRESQUAD Automatic Fire Detection and Suppression System

FEATURES

- Requires No Power - Pneumatic activation, no power source required
- Automatic fire detection and suppression, no human resource required.
- Applicable on most fire types - Class A, B, C & Electrically started fires.
- Available with two extinguishing media options:
Clean Agent : FK-5-1-12, FM200
Carbon dioxide (CO₂)
- Easy installation, maintenance and refilling
- Environment friendly with no toxic residue



OUR PRODUCT RANGE

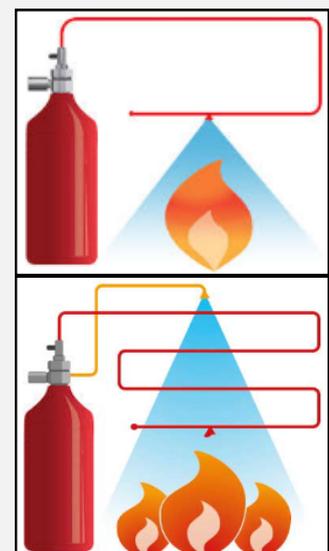
LOW PRESSURE SYSTEMS (CLEAN AGENT)

1. Direct-release Low Pressure (DLP) Unit

- Fire detected as well as suppressed through a rupture in the heat detection tube.

2. Indirect-release Low Pressure (ILP) Unit

- Fire detected through a rupture in the heat detection tube and suppressed by the extinguishing media discharged through a separate piping network.



HIGH PRESSURE SYSTEMS (CARBON DIOXIDE)

- Direct(DHP)/Indirect(IHP) Units - suitable for macro environments with area more than 500 ft³

RANGE OF APPLICATIONS

IN-PANEL DLP SYSTEM

Designed for seamless integration into electrical panels, it operates independently of power, ensuring reliability even in critical conditions.

Compact, efficient, and low-maintenance, this system offers unparalleled protection for sensitive components, minimizing damage and downtime.



KITCHEN HOOD ILP SYSTEM

Kitchens are highly vulnerable to fire due to open flames, grease buildup, and high temperatures, making advanced fire safety essential. Our product is designed to tackle these risks with precision.

Employing a Class F Wet Chemical extinguishing agent, it effectively neutralizes grease fires, cooling surfaces and preventing re-ignition. The heat-sensitive tube detects fire, activating an indirect system of nozzles through which the extinguishing agent is discharged, evenly suppressing the fire across the hood area.



SERVER ROOM DLP SYSTEM

The server room is the heart of business operations, housing critical data and systems that power a business.

This product is designed to safeguard these critical assets. This advanced system provides early and precise fire detection, ensuring rapid response to fire threats.

It activates instantly to suppress fires at their source, preventing damage and downtime.

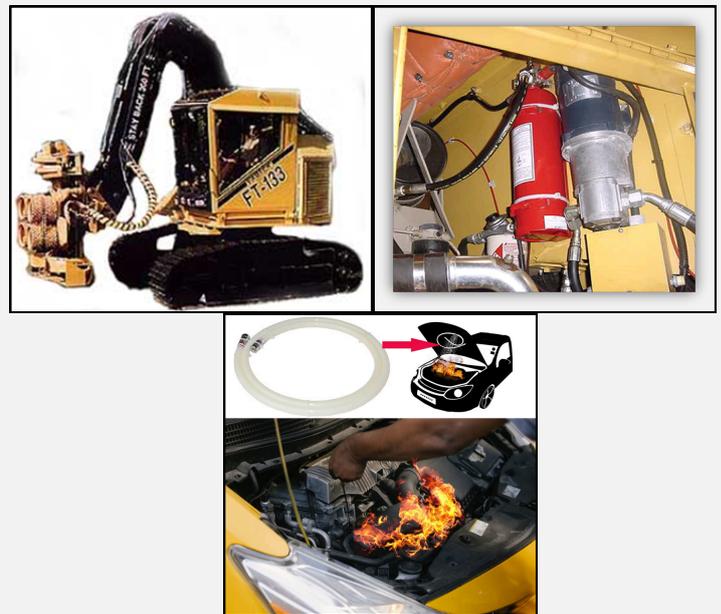
With a non-intrusive design, it protects your equipment without disrupting airflow or data operations.



VEHICLE FIRE SUPPRESSION SYSTEM

Vehicles face unique fire risks from fuel leaks, electrical faults, and engine overheating. Our vehicle fire detection and suppression system is specially designed to tackle these challenges with precision and efficiency.

Equipped with a linear heat sensing tube and an advanced FK5-1-12 extinguishing agent, it detects and suppresses fires instantly at the source. Compact and maintenance-friendly, this system ensures unparalleled safety for your vehicles.



SPECTRA FIRE SYSTEMS PVT. LTD.

An ISO 9001:2015 certified company

Plot No-131, Pocket-E, Sector 3, DSIIDC, Bawana Industrial Area, Bawana, Delhi-110039

Phone : +91-9899021314/+91-8412812212

Email : sales@spectrafire.in ; spectrafire121@gmail.com