

Dafo was the first company to pass stipulated bus fire tests. Many of the world's leading bus manufacturers install Dafo Vehicle Fire Suppression Systems on the assembly line.

DAFO VEHICLE FIRE SUPPRESSION SYSTEMS FOR BUSES & COACHES



Most bus fires start in the engine compartment and surrounding areas. A tested and certified vehicle fire suppression system, in combination with a reliable fire detection system, is the best first line of response in case of an emergency such as a thermal incident.

Buses operate in various surroundings and climate types such as desert, tropic, arctic, on highways and in mountain terrain. These environments are also very challenging for fire suppression systems.

Dafo Australia's fire suppression systems are thoroughly tested for fire performance and environmental durability such as Electromagnetic Compatibility (EMC), vibration, corrosion and temperature extremes according to international vehicle standards to ensure the highest performance.

Dafo fire suppression systems are approved with regard to UNECE Regulation No. 107 and P-marked in accordance with SPCR 183. Dafo systems recently achieved certification to the strict requirements of Australian Standard AS 5062:2016.

Many of the world's leading bus manufacturers install Dafo fire suppression systems in their assembly line. Our engineers understand the importance of modern, lean production and find solutions to conveniently integrate the system in the manufacturing process.

A low total cost of ownership (TCO) is an important factor for every bus operator. Dafo fire suppression systems, with its superior low maintenance requirements and reliability, contributes to increased profitability through less downtime for the operator.

UNECE type-approved

Fire suppression system approved as a component with regard to UNECE Regulation No. 107



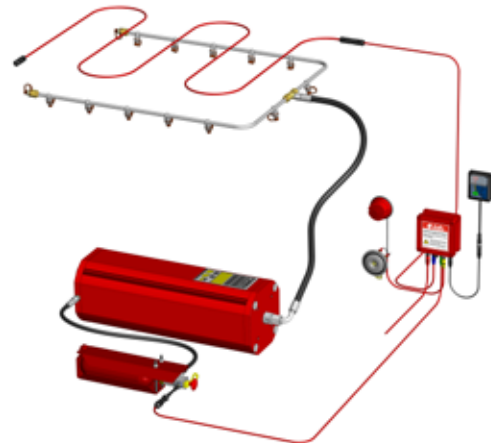
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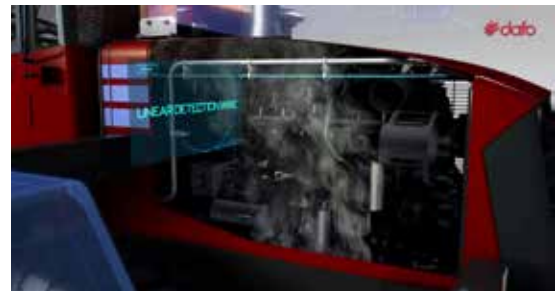
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Dafo vehicle suppression systems consist of three important, integrated mechanisms: Detection, Alarm and Suppression. These work together in a co-ordinated, rapid and efficient way to suppress a fire and prevent it from spreading inside the protected compartment. It is the ultimate safeguard for your operators, employees, assets and the surrounding environment.

DETECTION

Ultra-reliable Linear Heat Detection Cable (LHDC) is routed through the areas of high risk of fire inside the protected compartment to ensure early detection of fire. LHDC detects fire along the entire length of the cable, meaning that any developing fire is identified and dealt with as quickly as possible. Linear heat detection is one of the most robust and durable forms of fire detection available and is ideal for the very harsh conditions of an engine compartment.



ALARM

The alarm panel placed inside of the operator cabin will provide an alert upon detection of fire. The system can be configured to discharge automatically as well as providing a manual means of release by the operator if necessary. An external alarm will sound which will also alert the operator, as well as any other personnel in or near the machine, to a fire situation.



SUPPRESSION

The distribution network, consisting of flexible, fire-resistant hydraulic hoses and stainless steel tube with DW2 nozzles, is carefully designed to disperse the unique extinguishing agent to all high risk areas of fire (e.g. turbo, catalytic converter, pumps, fuel lines, generators, transmission belts, filters and hydraulic systems). The unique water based extinguishing agent has been specially formulated for fighting fires in engine compartments. It combines the knockdown properties of dry powder, the heat reduction of water mist and the deep-seated hot-surface cooling to prevent reignition.



Dafo Australia is the exclusive distributor, service and parts supplier of the Dafo Vehicle Fire Suppression Systems for Australia & New Zealand.

Protect the community and your most valuable assets and contact Dafo Australia today to discuss Dafo vehicle fire suppression systems for your bus and coach fleet.

