

LVS Fire Suppression System

24/7 Fire Protection

Industries rely on their heavy mobile equipment to work around the clock, and the fire protection needs to work 24/7 too. The ANSUL® LVS Liquid Agent Fire Suppression System is designed to suppress fires in mobile equipment used in a wide range of industries including mining, forestry, waste management, transportation and others.

Product Overview



Protect mobile equipment with liquid agent

- Rapid Flame Knockdown and Suppression
- Automatic or Manual Operation
- 24/7 Fire Detection
- Multiple Design Options
- FM Approved and CE Marked

The LVS fire suppression system agent provides both fire suppression and superior cooling of superheated surfaces while blanketing the fuel and cutting off oxygen to help prevent reflash.

Suppress Mobile Equipment Fires

The LVS fire suppression system agent provides both fire suppression and superior cooling of superheated surfaces while blanketing the fuel and cutting off oxygen to help prevent reflash. It flows readily into hard-to-reach areas along the same path flammable liquids may have flowed. The wet chemical agent provides a strong measure of freeze protection along with the foaming properties associated with conventional Class B liquid agents.

Additional system features include the option of a stand-alone, liquid agent system or a twin-agent concept with dry chemical; 20- to 60-second discharge effective on Class A combustibles; pre-mixed 3 gal (11.4 L) or 5 gal (18.9 L) containers for convenient filling of the agent tank; tank capacity of 3 gal to 30 gal (11.4 L to 113.6 L); ease of maintenance and recharge; proven external pressurization cartridge; effective operating range of -40 °F to 140 °F (-40 °C to 60 °C); flexible design and installation parameters; and multiple detection and actuation options.



Around the clock automatic fire detection and actuation



Protection Starts with 24/7 Detection

The CHECKFIRE system is used with the LVS system to provide around-the-clock, automatic, fire detection and actuation. The rugged control module is designed to withstand shock, vibration and extreme environmental conditions. The CHECKFIRE system includes supervised circuitry, adjustable shutdown, discharge time delays and auxiliary shutdown relay.



Applications for the LVS Fire Suppression System:

- Agribusiness
- Aviation
- Forestry
- Metal Processing
- Mining
- Power Generation/Utilities
- Transportation
- Waste Processing



The Ultimate Fire Suppression Solution

The ANSUL® brand promises a full range of quality fire protection solutions – from automatic detection and suppression systems to a complete line of wheeled and hand portable fire extinguishers and more. Plus, our extensive network of Authorized ANSUL® Distributors provides factory-trained professionals to serve our customers virtually anywhere in the world.

A Passion for Protection

Dedicated customer support. Extensive product portfolio. Engineering excellence. Trusted, proven brands. Johnson Controls offers all of these attributes, plus a passion for protection. It's what drives us to create solutions to help safeguard what matters most – your valued people, property and business.

For additional information, please visit www.ansul.com or follow us @ansulfire on Twitter.