



Amerex Corporation



**Small Vehicle
Fire
Suppression**

System

Product Description:

Amerex has once again revolutionized the industry with the development of a cost efficient fire suppression system specifically designed for small - front engine transit vehicles. The Amerex Small Vehicle System (SMVS) is designed specifically for use with front engine vehicles such as Para-Transit, Airport Shuttle and other small front engine applications. The SMVS kit includes all hardware components required for a complete turn-key Automatic Fire Suppression System. The electronics portion of the system is made up of a Vehicle Operator Display with Manual Release Pushbutton, a wiring Interface Module, and two Solid State Heat Detectors. The system is continuously supervised for proper operation. If a trouble condition is present, the Operator Display indicates a diagnostic Service System LED. In the event of a Fire condition, Automatic Fire System actuation occurs, an audible alarm sounds, a Fire LED illuminates and an internal relay is energized. The Control Panel features visual LED system status indicators, a silenceable audible alarm. Backup power is supplied by a standard 9 volt alkaline battery. The Fire Suppression System is FM approved. The electronics also carry CE Type approval.

Every product we manufacture is designed with you in mind. The Amerex SMVS system is simple to install, is low maintenance, and has a user friendly interface. With the quality you expect from Amerex products, our expert staff of engineers have designed the ultimate in fire suppression for small transit vehicles.

Application:

- Para-Transit Vehicles
- Medical, Fire and Rescue Vehicles
- Armoured Transit Vehicles
- Parcel Delivery Vehicles
- Rental Transport Vehicles
- Shuttle Mini-Bus, Van
- Vending Delivery Vehicles
- Cut-A-Way Van
- Other Front Engine Vehicle Applications

Features:

- Manual Fire Suppression Release on Display Face
- 1 Hour Battery Back-up Using Standard 9V Battery
- Audible Trouble and Fire Alarm
- Vibration Resistant Detection Design
- Two Heat Detectors and Two Nozzles
- Rapid Response Heat Detection
- Rugged and Compact Design
- Uses Existing Amerex Linear Actuator
- 10VDC to 30VDC Operating Voltage
- Internal Relay for Engine Shutdown
- Low Power Consumption - 60 ma
- 13.2 Pounds (6kg) of ABC Dry Chemical Powder

Benefits:

- Provides Low Cost Fire Detection and Suppression for Front Engine Vehicles
- Supervised Circuitry with Zoned LED Alarm Circuitry
- Provides Fire Suppression Capabilities from -40°F to +150°F
- Cylinder is Non-Rechargeable (discard after any use)
- One (1) Year Warranty On All Components
- Latching-Zoned Alarm Indication
- Push-To-Test Function

**Factory
Mutual
System**
Approved

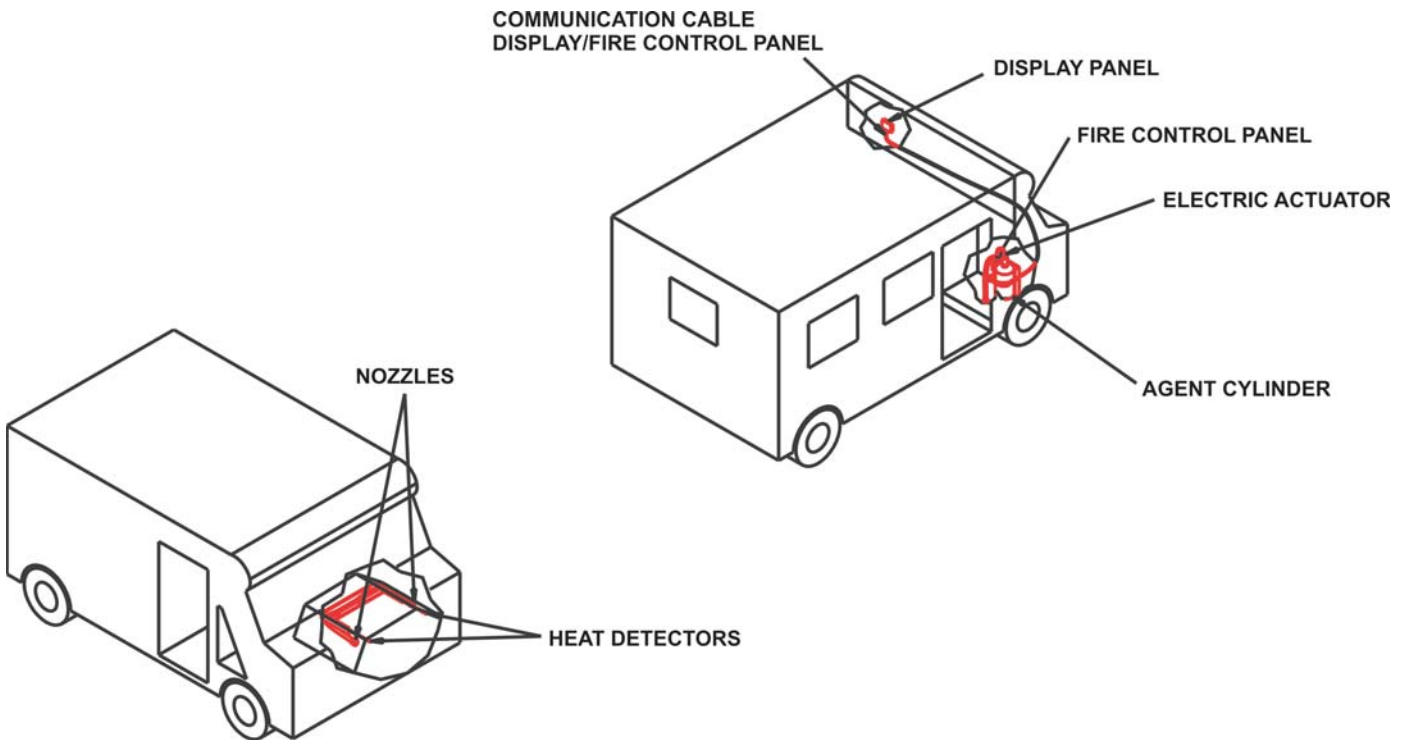


*** System Includes:**

- Charged Cylinder
- Cylinder Bracket
- Nozzle/Detector Bracket
- Pre-Cut hose
- Fire Control Panel
- Display Panel
- Communication Cable
- Heat Detectors
- Nozzles
- Mounting Hardware

** Components may vary depending on vehicle.*

Basic System Layout:



Note:

The drawings shown in this brochure are for illustration purposes only. Due to the wide variety of vehicle designs, options, and the intended use of the vehicle, Amerex cannot pre-determine component location or overall system layout. A thorough vehicle evaluation is needed for proper installation. Only factory trained and authorized personnel shall install and maintain Amerex systems. Proper installation and maintenance is essential for designed system performance. **Any use of un-trained and/or un-authorized personnel in the installation and/or maintenance of Amerex systems voids any and all Amerex warranties and absolves Amerex of any liabilities relating to the system.** The Amerex SMVS system is designed to suppress small vehicle fires inside the described coverage area during the initial stage utilizing electronic detection or manual actuation. Vehicle operators should be properly trained on the SMVS system operation. Delayed response for manual actuation may allow the fire to advance beyond the system capabilities and outside the coverage area. Complete suppression of advanced fires however allowed by or due to system abuse, neglect, modification, tampering, improper system installation, improper system maintenance, vehicle damage, improper vehicle maintenance, vehicle modification, vehicle electrical or mechanical malfunction, delayed manual system actuation, or sabotage, cannot be guaranteed. Fires occurring or being fueled outside the coverage area cannot be suppressed. Amerex Corporation, shall not be liable for use of materials or components other than those supplied with the SMVS system as OEM components or factory authorized replacement components. As part of an ongoing program of product evaluation and improvement, Amerex Corporation reserves the right to change its literature, product design, or product and service offerings at any time without notice. Please see *"Amerex Terms and Conditions of Sale"* for additional information.



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