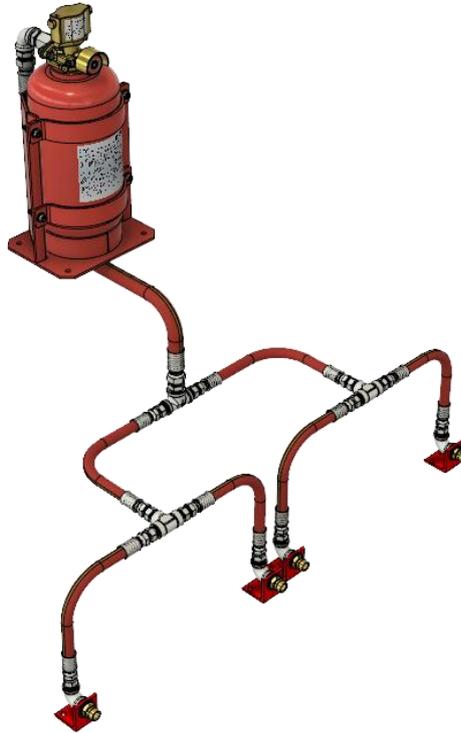


ASEX DCP Fire Suppression System

Models V13, 25, 50

Data/Specifications



Features

- NFPA Compliant
- SABS Approved
- Manual and/or Automatic Actuation
- Rugged Construction
- Ease of operation
- Easy to maintain
- Quick responding
- Locally Manufactured

Applications

The ASEX DCP system is an automatic or manual fire suppression system using MAP 90% dry chemical agent for class A,B and C fires. The fire suppression system is designed for use on large off-road construction and mining equipment (Such as large excavators/shovels, draglines, haul trucks, wheeled loaders), underground mining equipment and speciality vehicles. These types of equipment have large amounts of hydrocarbon fluids under pressure, easily ignited by hot surfaces i.e. turbo charges, exhaust manifolds, bearing surfaces and electrical wiring. The fire suppression system described is a suppression system only and is not designed or intended to extinguish all fires. It is extremely important that alternative fire fighting equipment be available in case the system does not totally extinguish a fire or in case of a reflash.

Description

The ASEX DCP system is for larger enclosed or open hazardous areas. In the event of a fire condition, the system can be activated either manually or automatically. Automatic activation is when the linear heat detection cable fuses at 180degree C and a fire signal to the fire control panel situated in the cab, the fire control will then activate the detonator, thus allowing for the system to discharge automatically. The agent is then released through a separate pipework and nozzle system which are aiming in the direction of the hazardous area.

The linear heat detection cable is placed in the volume being protected, above the fire risk. It is vital to the effectiveness of the system that caution is taken in the positioning and securing of the linear detection wire, as excessive heat will result in a premature discharge.

Manual Actuator(s) - The manual actuator consists of a cylinder, puncture pin assembly, striker knob and ring pin. When assembled, the cartridge will screw into a actuator body, the body will have the striker pin installed in the actuator body with a ring pin locking the stem in place. Manual actuator(s) are placed by point of entries/exits.

Distribution Hose and Nozzles- The distribution hose network is designed to distribute DCP to the discharge nozzles. To survive the vibration found on mobile equipment, Flexible hydraulic hose is used to distribute the agent. All ASEX systems pre-engineered system hose sizes, maximum and minimum lengths, and number of nozzles are predetermined. Nozzle blow-off caps are available to keep the nozzle free of dirt and grease.

Ordering Information

Ordering of all system and components through Advanced Fire Suppression Technologies;

15 Prinsloo street, Alberton

Head Office (Johannesburg): 011-869-2142

Cape Town: 021-557-0238

Mokopane(Potgietersrus): 015-491-1471

eMalahleni(Witbank): 013-692-6228

Rustenburg: 014-597-5920

Mashishing(Lydenburg): 013-235-3702

Zambia: +260-212-311032

Botswana: +267-588-0263

Namibia: +264-81-442-8747

Mozambique: +25-8846-186-599

Kimberly: 053-831-3094

Specifications Chart

Model	Part No.	Capacity	Shipping Weight	Dimensions
V13 basic Unit Consists of: - Agent Tank - Tank Bracket - Valve Assembly		6kg Map 90% Dry Chemical Agent	21.5Kg	250mm x 190mm x 430mm
V25 basic Unit Consists of: - Agent Tank - Tank Bracket - Valve Assembly		30.78Kg MAP 90% Dry Chemical Agent	30.78Kg	310mm x 250mm x 500mm
V50 basic Unit Consists of: - Agent Tank - Tank Bracket - Valve Assembly		50.62Kg MAP 90% Dry Chemical Agent	50.62Kg	320mm x 250mm x 770mm