

The Spectrex Wheels Extinguisher is specifically designed for the wheels and under the vehicle. It consists of a Purple-K 90% dry powder which is super-pressurized with dry nitrogen.

The extinguisher is activated by an electrical signal, transmitted by the control box or emergency switch box. The extinguisher status is continuously monitored by the control box, due to the presence of a pressure switch.

Accidental discharge during shipping, installation and maintenance is prevented by an anti-recoil device for the outlet port and a protective cover for the electrical connector.

The cylinder contains 17.6lb (8kg) of the extinguishing agent.



Main Features

- Unpressurized cylinder
- Maintenance free
- System high speed response
- Unique valve design – no moving parts
- Fast powder release and distribution
- High reliability
- MTBF minimum 250,000 hours

General Specifications

Extinguishing Agent	Purple-K 90% Dry Powder Extinguisher
Cylinder Capacity	8.4 lb (3.8kg), 17.6lb (8kg)
Discharge Pressure	Approximately 24 bar
Activation Device	Linear actuator
System Response Time	Approx. 50 ms
Discharge Time	Approx. 5 sec
Temperature Range	-40°F to 160°F (-40°C to 70°C)
Humidity	Up to 95%

Electrical Specifications

Activation Device Resistance	~1.2Ω
Power consumption	20A in approx. 5 msec
Electrical Connection / Pinout	MS3102R 10SL-3P
Electromagnetic Compatibility	EMI/RFI per MIL-STD-461E (as part of the system)

Mechanical Specifications

Weight (Filled)	41.9 lb (19 kg) for 17.6 lb (8 kg) capacity – P/N 710010
Dimensions	6.2" (229 mm) d. x 14.9" (552 mm) for 17.6 lb (8 kg) capacity
Environmental Standards	Meets MIL-STD-810F for high temp & low temp, humidity, vibration, shock, waterproof, dust, salt & fog

Accessories

Extinguisher Simulator	P/N 320002
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