

## CREW COMPARTMENT CYLINDER

The Spectrex Extinguishing Cylinder is specifically designed for Military Tactical and Combat Vehicle Systems.

The cylinders contain environmental friendly fire suppression agent HFC 227 with scrubbing agent Sodium bicarbonate (SB). The special design of the cylinder's valve and deflector enables rapid and homogenous dispersion of the suppression agent in the protected area.

Cylinders are available in various capacities, conform to either DOT or EU standards, include safety devices such as safety relief valve and anti recoil device.



### MAIN FEATURES

- \* High Speed Response - less than 5 msec
- \* Unique Valve Design – no moving parts
- \* Hermetically sealed valve
- \* Fast agent release and distribution
- \* Homogenous 360° agent dispersion
- \* Reduced discharge impact - increased crew safety
- \* Flow switch for discharge indication
- \* High Reliability
- \* MTBF Minimum 100,000 Hours

### GENERAL SPECIFICATIONS

<b>Extinguishing Agent</b>	HFC 227
<b>Scrubbing Agent</b>	Sodium bicarbonate (5% of total extinguishing agent weight)
<b>Cylinders Capacity</b>	Various sizes between 4.4 – 11 lb (2-5 kg)
<b>Superpressurization</b>	Dry Nitrogen, as per BB-N-411
<b>Cylinder Nominal Pressure</b>	600 psi
<b>Valve Operation</b>	Electrical squib
<b>Valve Operation Time</b>	Approx. 5 msec
<b>Temperature Range</b>	-40°F (-40°C) to 160°F (70°C)
<b>Humidity</b>	Up to 95%

### ELECTRICAL SPECIFICATIONS

<b>Operating Voltage</b>	18-32 VDC
<b>Power consumption</b>	Normal 11mA During Activation 6A in approx. 100 msec.
<b>Electrical Connection / Pinout</b>	Model No. 764317 Connector MS3102R 10SL-3P RTN 2 Pressure Switch 3
<b>Electromagnetic Compatibility</b>	EMI/RFI per MIL-STD-461E

### MECHANICAL SPECIFICATIONS

<b>Weight (Filled)</b>	23 lb (10.4 kg) for 6.6 lb (3 kg) capacity
<b>Dimensions</b>	6.3 inch diameter x 14 inch (160 mm diameter x 356 mm) for 6.6 lb (3 kg) capacity
<b>Cylinder Body</b>	Steel, red paint coating
<b>Environmental Standards</b>	Meets MIL-STD-810E for High Temp, Low Temp, Humidity, Vibration, Shock, Waterproof, Dust, Salt & Fog

### ACCESSORIES

<b>Cylinder Simulator</b>	P/N 765902
<b>Deflector</b>	P/N 764470