

The Extinguisher is specifically designed for Personnel compartments of armoured Vehicle Systems .

The extinguishers contain environmental friendly fire suppression agent HFC227ea 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
- Pressure switch for cylinder status indication
- Homogenous 360° agent dispersion
- Reduced discharge impact - increased crew safety
- Visual pressure gauge
- Filling valve: MS28889-2
- High reliability
- MTBF minimum 250,000 hours

General Specifications

Extinguishing Agent	HFC227ea
Scrubbing Agent	Sodium bicarbonate (5% of total extinguishing agent weight)
Cylinders Capacity	Various sizes between 4.4 – 11 lb (2-5 kg)
Super pressurization	Dry Nitrogen, as per BB-N-411
Cylinder Nominal Pressure	600 psi
Valve Operation	Cartridge power device
Valve Operation Time	Approx. 5 msec
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	During activation	5A in approx. 5 msec.
Electrical Connection / Pinout	Model No.	765347
	Connector type	MS3102R 10SL-3P
	Activation signal	A
	RTN	B
	Pressure Switch	C
Electromagnetic Compatibility	EMI/RFI per MIL-STD-461E (as part of the	

system)

Mechanical Specifications

Weight (Filled)	23 lb (10.4 kg) for 6.6 lb (3 kg) capacity
Dimensions	6.3" diameter x 14" (160 mm diameter x 356 mm) for 6.6 lb (3 kg) capacity
Cylinder Body	Steel, red paint coating
Environmental Standards	Meets MIL-STD-810F for high temp, low temp, humidity, vibration, shock, waterproof, dust, salt & fog

Accessories

Extinguisher Simulator	P/N 765902	
Deflector	P/N 764470	NSN No. 5340-01-566-0423

Ordering Information

P/N	NSN No.	Agent Capacity
765347-1	XXX	(6.61 lb) 3 kg
765347-2	2805-01-566-9610	(9.92 lb) 4.5 kg
765347-3	-	(4.96 lb) 2.25 kg