



More than 50 years of fire extinguishing experience. Compliant with environmental legislation.

Kidde Fire Protection Systems

Dual Spectrum[®] Fast Discharge Valve

The UTC Aerospace Systems high-speed valves are designed to release agent into the protected compartment within milliseconds.

Features

- Millisecond response time
- Rapid agent discharge
- No residual pressure
- Manual release lever
- Resets with no repair parts and minor repair includes only O-rings
- Optional pressure switch
- Optional flow switch
- Compatible with SNAP listed Halon alternative suppression agents

Each extinguisher consists of a high-speed solenoid valve, non-shatterable cylinder and an approved fire suppression agent.

There are several variants to support specific applications. Light-weight, small-size, built-in-test diagnostics and discharge flow monitoring are available. The fast-discharge solenoid extinguisher are compatible with all accepted suppression agents for armored vehicle application and are fully qualified to the high shock and vibration levels found in ground combat vehicles.



UTC Aerospace Systems

For additional information:

4200 Airport Drive, Wilson, NC 27896 U.S.A.
Tel: +1 252 246 7004
Fax: +1 252 246 7180

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Kidde Fire Protection Systems

Dual Spectrum® Fast Discharge Valve

Performance Specifications

Electrical Actuation	18 to 30 VDC, 10 amps, 30 milliseconds minimum
Manual Actuation	15 to 25 lbs force (6.8kg to 11.3kg)
Charge Pressure	750 psig and 900 psig
Relief Pressure	2000 to 3000 psig
Valve Opening Time	< 10 milliseconds
Agent Discharge Time	60 to 160 milliseconds
Leakage Rate	<1.0 ounce per year
Storage Volume	As required
Empty Weight	17.1 to 30.3 lbs (7.7kg to 13.7kg)
Storage Temperature	-67°F (-55°C) to +140°F (71°C)
Operating Temperature	-60°F (-51°C) to +140°F (60°C)
Pressure Switch (optional)	319-363 psig
Flow Switch (optional)	<15 milliseconds from valve opening
Environmental	Qualified to vibration, shock, and humidity requirements of MIL-STD-810 for combat vehicle conditions



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