AeroMAG

Condensed Aerosol
Extinguishing Units

Features and Benefits

- HIGH TECHNICAL PERFORMANCE
- MODULAR SYSTEM STRUCTURE
- EXTREMELY WIDE APPLICABILITY
- NON-PRESSURIZED
- DOES NOT LEAK, CRACK OR DETORIATE
- STABLE UNDER ALL CONDITIONS
- ABSOLUTE RELIABILITY
- 100% CONFORMITY
- 100% ENVIRONMENTAL FRIENDLY
- EASY AND DURABLE SYSTEM

Overview

Salgromatic AeroMAG (SRM-AMAG) high security aerosol extinguishing units and systems represent the industries most advanced and effective fire protection technologies, and they are designed for the individual optimization of technical fire safety.

Advanced system technologies, as well as unique design technique and implementation model allow precisely suitable, contemporary and requirements compliance implementation of the future-proof automatic fire extinguishing solution easily and economically.

Salgromatic AeroMAG aerosol fire extinguishing systems detects a fire rapidly, transmit an fire alarm forward if required and carry out the fire suppression manually, semi-automatically or fully automatically through appropriate fire detection and control system. All AeroMAG extinguishing units can also be triggered by non-electric heat activation device, in which case they do not require any external control systems or electrical power for operation.

Technical Specification (General)

Material	Aluminum Mg5 / Steel Fe37 / Stainless Steel
Treatment	Red / White Epoxy Powder Coating / RST
Unit Marking	Heat Resistant Aluminum Polyester
Actuation Method	Manual, Semi-Automatic and Automatic
Actuation Mechanism	Thermal Activation and Electrical Activation
Thermal Ignitor	SRM-PC1 / SRM-TA1
Electrical Ignitor	SRM-EID-05
Ignitor Parameters	< 500mA / 6 - 48VDC / < 10mS
Response Time	< 3 Seconds
Connector Type	4-pin, Military Type MIL-C-5015 / "Flying leads"
Protection Classes	IP 55 & IP 65 / IK 10
Atex (EX) Designation	II 1G Exi de IIB T4 (from applicable parts)
Environment Classification	Harmless (ODP=0, GWP=0, ALT=0)
Vibration Resistance	5 g @ 50...250Hz
Shock Resistance:	10 g > 13000 Impacts
Temperature Range	–50 to +85°C (+110°C)
Humidity Range	0 - 98%
Corrosion Resistance	Exceeds > UL 1058
Extinguishing Mechanism	Chemical and Physical
Transport Classification	Approved to Transport with All Cargo Forms
Service Life:	10 - 20 Years (typical)

Product Specification

Model	Agent Mass	Suppression Capacity
SRM-AMAG-02	20g.	< 0.2m3
SRM-AMAG-1.60	160g.	< 2.6m3
SRM-AMAG-2.00	200g.	< 3.4m3
SRM-AMAG-5.00	500g.	< 8.0m3
SRM-AMAG-1.000	1000g	< 16.0m3
SRM-AMAG-1R1	100g.	< 1.7m3
SRM-AMAG-2R1	100g.	< 1.7m3
SRM-AMAG-2R2	200g.	< 3.4m3
SRM-AMAG-2R4	400g.	< 6.5m3
SRM-AMAG-4R8	800g.	< 13.0m3
SRM-AMAG-15	1500g.	< 25.0m3
SRM-AMAG-30	3000g.	< 50.0m3
SRM-AMAG-63	6300g.	< 105.0m3

Tested and Approved for Multiple Different Fire Types