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Aerosol Generators By Amerex Defense

Aerosol generators can be activated either manually or automatically from a suitable control device. Upon activation, Aerosol Generators produce an exceptionally effective, ultra-fine, potassium based aerosol.

Unlike gaseous systems, Aerosol Generators are very cost effective to install and maintain since they eliminate the cost, space and weight of pressure vessels, piping and other expensive installation considerations associated with other extinguishing systems.

On an agent weight basis, aerosol is ten times more effective than gaseous agent alternatives. The aerosol effectiveness is a function of its patented design, aerosol composition, and ultra-fine particle size. Fire suppression is rapidly achieved through interference between the ultra-fine particulate and the flame's free radicals, which terminates fire propagation.

Aerosol Generators are virtually maintenance free and have a life of 10 years. This, coupled to their very low installation cost, makes them a cost effective fire protection solution.

RUGGED

- · Stainless Steel Body
- Tested per 810G, 461 & 1275
- Available MIL Spec Circular Connector

BENEFITS

- Significantly more effective than alternative extinguishing agents
- Environmentally Friendly
 - ODP = 0 (No Global Warming Potential)
- Easy Installation No Pressure Vessels or Piping
- Low Maintenance
- Effective Protection on Many Hazards
- Tested & Listed to UL 2127 for Class A,B,C Fires
- EPA SNAP Listed



- Various Connector Configurations Available
- Operating Temperature -68°F to 186°F
- Suitable for Enclosed Facilities & Local Applications
- · Safe for Personnel Non-Harmful Agent
- Safe for Valuable Equipment
 Will not harm Electronics or Magnetic Media
- Minimal Cleanup
 Suspends in air & vents quickly
- Compact
 - Up to 90% reduction in size & weight
- Many Sizes Available
- Low installation cost



Due to low extinguishing concentration and environmental safety, Aerosols are designed to be used in critical applications in a wide range of industries. Aerosol Generators are currently protecting:

- US DOD Tactical Wheeled Vehicles (Engine Compartment)
- NASA Space Shuttle Crawler
- Data Processing Facilities
- General Industrial Hazards
- Cellular Sites & Relay Towers
- Power Plants

- High Value Mobile Equipment
- PABX Rooms
- Marine Engine Rooms & Machinery Spaces
- Turbine & Generator Enclosures
- Process Control Rooms
- Telecommunications Facilities
- Flammable Liquid Storage Areas

	Common Size	Transportation Classification			
	60g	100g	250g	Class Code	1.4S
Aerosol Mass (kg/lb.)	0.06 / 0.13	0.10 / 0.22	0.25 / 0.55	UN Identification #	UN 0432
*Canister Shipping Weight (lb.)	1.24	2.9	4.0	Packaging Group	PGII
Canister Diameter (in.)	2	3	3	Ground Shipping Limitations	None
Discharge Time (seconds)	8.5	10 - 12	14 - 15	Max package weight	220 lbs - Cargo Air
SERVICE TEMPERATURE	-68°F to 186°F (-55°C to 85°C)				55 lbs - Passenger Air

*Final Length and Weight by configuration **Additional sizes available, including: 30g, 500g, 1000g, 1500g, 2500g

Aerosol Generators require replacement Ten (10) years after the date of manufacture. The manufacture date coded chart on the generator label will be punched to identify the month and year of manufacture. The Alpha code corresponds to "A" being 2001.

Below is an example of the chart identifying March of 2010.

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1	КЦМ	12	4	56	7 8 9 10	11				
*Chart shown approximately actual size										
	Date Coding									
	2009	1		1	JAN					
	2010	J		2	FEB					
	2011	Κ		3	MAR					
	2012	L		4	APR					
	2013	М		5	MAY					
	2014	Ν		6	JUN					
	2015	0		7	JUL					
	2016	Р		8	AUG					
	2017	Q		9	SEP					
	2018	R		10	OCT					
	2019	S		11	NOV					
	2020	Т		12	DEC					

