FIRE SUPPRESSION SYSTEMS
PATENTED

Electrically Operated Units

Features

- Significantly more effective than alternative extinguishing agents
- Environmentally friendly -Ozone depletion potential (ODP) = 0 - No global warming potential
- Ease of installation – no pressure vessels, piping, or expensive installation manpower
- Very low maintenance
- Provides reliable, cost effective protection for a wide range of fire hazards
- Listed for Class A, B, C fires by UL, ULC, CSIRO, ECB, and many others
- Favorably reviewed by EPA for SNAP listing
- Suitable for enclosed facilities and local applications
- Safe for personnel - non-harmful to personnel at design application rates
- Safe for valuable equipment -will not harm electronic equipment or magnetic media
- Post fire cleanup is minimal - aerosol suspends in air for quick and easy venting after discharge
- Compact – up to a 90% reduction in space and weight requirements

Applications

Due to their fast response time, low fire extinguishing concentration, and environmental safety, Stat-X fire suppression systems may be used in critical applications across a wide range of industries. Aerosol generators are currently protecting and are suitable for use in:

- Telecommunications facilities
- Process control rooms
- PABX rooms
- High value mobile equipment
- Cellular sites and relay towers
- Data processing facilities
- Flammable liquid storage areas
- Turbine and generator enclosures
- Marine engine rooms and machinery spaces
- Power plants
- Small boats
- General industrial hazards

Operation /Description

Upon detection of a fire, Stat-X generators can be activated either manually or automatically from a suitable listed releasing device. All auxiliary system components (release panel, detection, remote pull stations, etc.) are listed/approved by UL, ULC, FM, New York City MEA, and California State Fire Marshall. Upon activation, the generators produce an exceptionally effective, ultra-fine, potassium based aerosol. Unlike gaseous systems, Stat-X aerosol generators are very cost effective to install and maintain - as they do not require the pressure vessels, piping or expensive installation costs associated with other extinguishing systems. Space and weight requirements are minimal. On an agent weight basis, Stat-X aerosol is ten times more effective than gaseous agent alternatives. The Stat-X generator's 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 aerosol particulate and the flame's free radicals – terminating propagation of the fire. Stat-X aerosol generators are virtually maintenance free and have a service life of over 10 years. This, coupled to their very low installation cost, makes them an extremely cost effective fire protection solution.

Stat-X®

FIRE SUPPRESSION AEROSOL GENERATORS

General Specifications:

Parameter		30 E		60 E		100 E		250 E		500 E		1000 E		1500 E		2500 E	
Aerosol Mass (kg), (lbs)		.03	.07	.06	.13	.10	.22	.25	.55	.50	1.10	1.00	2.20	1.50	3.3	2.50	5.50
Ship. Wt./unit packaging (kg), (lbs)		0.36	0.8	0.48	1.1	1.44	3.2	2.72	6.0	3.63	8.0	7.05	15.5	8.6	19.0	11.3	25.0
Length (mm), (in)		74	2.9	107	4.2	121	4.8	132	5.2	180	7.1	170	6.7	203	8.0	267	10.5
Diameter (mm), (in)		51	2.0	51	2.0	76	3.0	127	5.0	127	5.0	203	8.0	203	8.0	203	8.0
Discharge Time (sec)		8.0		8.5		11.5		12.0		21.0		16.0		23.0		37.0	
Initiation Current (Amp)	Parallel	0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5	
	Series	1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Pulse Duration (millisecond)		50		50		50		50		50		50		50		50	
Max. Supervisory Current (Amp)		≤.005		≤.005		≤.005		≤.005		≤.005		≤.005		≤.005		≤.005	

Coverage parameters:

Model	Part Number	Maximum Volume Coverage		Maximum Area Coverage		Maximum Mounting Height	
		(m^3)	(ft^3)	(m)	(ft)	(m)	(ft)
30 E	15100	0.45	15.89	1.20 X 1.20	3.95 X 3.95	1.22	4.0
60 E	15110	0.90	31.78	1.70 X 1.70	5.60 X 5.60	2.00	6.6
100 E	15120	1.49	52.71	2.18 X 2.18	7.20 X 7.20	2.50	8.2
250 E	15130	3.73	131.8	3.45 X 3.45	11.3 X 11.3	2.75	9.0
500 E	15140	7.46	263.5	4.88 X 4.88	16.0 X 16.0	3.50	11.5
1000 E	15150	14.9	527.1	4.88 X 4.88	16.0 X 16.0	5.00	16.0
1500 E	15160	22.4	790.6	4.88 X 4.88	16.0 X 16.0	5.00	16.0
2500 E	15170	37.3	1317.7	4.88 X 4.88	16.0 X 16.0	5.00	16.0

For additional information on use of Stat-X systems, please contact your local Distributor or Fireaway.

Operation/Storage Parameters:

Temperature	-40^0 C to $+54^0$ C (-40^0 F to $+130^0$ F)
Relative Humidity	up to 98% at $+35^0$ C ($+95^0$ F)

Transportation Classification:

- Classification code: 4.1
- UN Identification #: UN 3178
- Packaging group: PGIII
- Shipping limitation:
  - Ground: None
  - Max. Weight per unit packaging – Cargo Air 100 kgs (220lbs)
  - Max. Weight per unit packaging – Passenger Air 25 kgs (55lbs)

Fireaway

Made in the USA

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Call to discuss your specific requirements with one of our professionals.