



# Stat-X®

**FIRE SUPPRESSION SYSTEMS**  
PATENTED

## Electrically Operated Units

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### 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
- Tested and Listed to UL Standard 2127 for Class A, B, C fires.
- 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

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### 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

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### 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.

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## 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	8.60	19.0	11.33	25.0		
Length (mm), (in)	74	2.9	107	4.2	121	4.8	150	5.9	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)	7.0		10.0		12.0		12.0		23.0		16.0		23.0		36.0			
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		50	
Max. Supervisory Current (Amp)	≤ .005		≤ .005		≤ .005		≤ .005		≤ .005		≤ .005		≤ .005		≤ .005		≤ .005	

### Coverage Parameters:

Model	Part Number	Maximum Volume Coverage		Maximum Area Coverage		Maximum Mounting Height	
		(m <sup>3</sup> )	(ft <sup>3</sup> )	(m)	(ft)	(m)	(ft)
30 E	15100	0.45	15.90	1.20 x 1.20	3.95 x 3.95	1.80	6.00
60 E	15110	0.90	31.80	1.70 x 1.70	5.60 x 5.60	2.00	6.50
100 E	15120	1.62	57.21	2.18 x 2.18	7.20 x 7.20	2.50	8.20
250 E	15130	4.04	142.7	2.44 x 4.88	8.00 x 16.0	4.50	14.7
500 E	15140	8.08	285.3	4.88 x 4.88	16.0 x 16.0	4.50	14.7
1000 E	15150	16.2	572.1	4.88 x 4.88	16.0 x 16.0	4.88	16.0
1500 E	15160	24.2	854.6	4.88 x 4.88	16.0 x 16.0	4.88	16.0
2500 E	15170	40.4	1426.7	4.88 x 4.88	16.0 x 16.0	4.88	16.0

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

### Operation/Storage Parameters:

Temperature -54° C to +54° C (-65° F to +130° F)

Relative Humidity up to 98% at +35° C (+95° F)

### Transportation Classification:

- Classification Code: 1.4S
- UN Identification #: UN 0432
- Packaging Group: PGII
- Shipping Limitations:
  - o Ground:
  - o Max. weight per unit packaging - Cargo Air
  - o Max. weight per unit packaging - Passenger Air



None  
 100 kgs (220 lbs)  
 25 kgs (55 lbs)

Stat-X is a registered trademark. Manufactured in the USA and sold worldwide exclusively by Fireaway LLC under license from R-Amtech, International.



11503 K-Tel Drive, Minnetonka, Minnesota 55343 USA  
 Tel: 952.935.9745 • Fax: 952.935.9757  
 www.fireaway.biz

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