



FIRE SUPPRESSIONS SYSTEMS  
PATENTED



## Thermal/Manual 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
- No power required – activates thermally or manually
- Favorably reviewed by EPA for SNAP listing
- 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 suitable for use in:

- Electronic cabinets
- Switchgear enclosures
- CNC machines
- Data processing equipment
- Printing equipment
- Flammable liquid storage
- Hazmat storage
- Marine engine rooms and machinery spaces
- Small boats
- High value mobile equipment

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### Operation / Description

In the event of a fire, *Stat-X* generators can be activated either manually or automatically via the integrated thermal detector. 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 and, in many applications, the small size of the *Stat-X* aerosol generators makes them the only viable option. On an agent weight basis, *Stat-X* aerosol is ten times more effective than gaseous agent alternatives. 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 shelf 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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**Stat-X<sup>®</sup>**  
THERMAL / MANUAL UNITS

**General Specifications:**

Model	30 T		60 T		100 T		250 T		500 T	
Aerosol Mass (kg), (lbs)	.03	.07	.06	.14	.10	.22	.25	.55	.50	1.10
Ship Wt./unit Packaging (kg),(lbs)	.26	.60	.35	.80	1.44	3.20	2.72	6.00	3.63	8.00
Length (with actuator) (mm), (in)	109	4.30	142	5.60	152	6.00	168	6.60	218	8.60
Diameter (mm), (in)	51	2.00	51	2.00	76	3.00	127	5.00	127	5.00
Discharge Time(sec)										

Activation Temperature Options	70°C (158°F)	95°C (203°F)	123°C (254°F)
Part Number (Order separately from unit)	14650	14651	14652

**Coverage Parameters:**

Model	Part Number	Aerosol Mass (grams)	Max. Volume Coverage		Max. Area Coverage		Maximum Mounting Height	
			(m <sup>3</sup> )	(ft <sup>3</sup> )	(m <sup>2</sup> )	(ft <sup>2</sup> )	(m)	(ft)
30 T	15300	30	0.50	17.66	1.50	16.0	2.0	7.0
60 T	15310	60	1.00	35.32	2.82	30.3	2.5	8.0
100 T	15410	100	1.62	57.21	4.75	51.8	2.5	8.0
250 T	15510	250	4.04	142.7	11.9	128.0	3.0	10.0
500 T	15610	500	8.08	285.3	23.8	256.0	3.0	10.0

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: None
  - o Max. weight per unit packaging - Cargo Air 100 kgs (220 lbs)
  - o Max. weight per unit packaging - Passenger Air 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.



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Made in the USA.

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