Stat-X® Thermal activated

PROPERTIES

- UL 2775 approved,
- fire class A, B & C,
- does not remove oxygen,
- isolated stainless steel house
- high suppression capacity,
- compact, non-pressurized,
- easy to install,
- safe for environment,
- low maintenance,
- 10 year long service life,
- plug & play.

HIGHLIGHTS

Stat-X® fire suppression systems with thermal activation are standalone units. Their own patented detection mechanism is incorporated, eliminating the need for separate detection, and releasing controls. After detecting a predetermined temperature rise, the thermal sensor automatically activates the extinguisher.

THERMAL ACTIVATORS

All thermal auto actuation heads are 1.42 inches / 36.07 mm long, 0.875 inch / 22.23 mm wide, 0.480 inch / 12.19 mm deep, and weighs .077 lbs. / .035 kg.

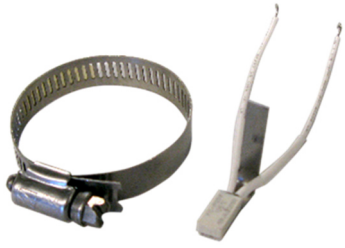
In addition, the aluminum heads are made from either 2011-T3 or 6061 T651 aluminum.

Temperature settings of our thermal devices should and cannot be confused with reaction times. Reaction time is based on several contributing factors including time for the aluminum heads to transfer or absorb heat during a fire event to a point where the eutectic releases.

CONFIRMATION OF AN EVENT

When using a self-contained thermally activated Stat-X® extinguishing unit, there is no presence of a fire alarm/extinguishing system and therefore no possibility to report or signal a fire or extinguishing activation.

A signaling kit is available for signaling the extinguishers activation. This consists of a thermally conductive bimetal contact (NC) normally closed or (NO) normally open that switches when the unit is activated. This, together with a bracket and a band clip, forms the signaling kit. This extinguisher is ideal for fighting fire at the source.



Stat-X® Aerosol Fire Suppression

Stat-X® Thermal activated

POINTS OF ATTENTION

Stat-X aerosol generators may be mounted on walls, beams, constructions, and columns as long as the unit is securely fastened and is mounted in a position where it has an unobstructed discharge path. The position of the extinguishing unit is essential for the response time of the activator. The detector works best when it is located in an area exposed to turbulent air flow in the event of a fire. For example, in the vicinity of a ventilation opening. If possible, avoid mounting in a blind spot as this can be an area of stagnant air. The detection time will therefore during unnecessarily longer.

In general, the automatic unit should be mounted in the volume as close as possible to ceiling height in an area that will be exposed to turbulent airflow in the event of a fire and angled to discharge down toward the floor at an angle to insure three-dimensional distribution of aerosol. Normal orientation from vertical is 15° - 30° for sidewall mounting and vertical for center mounting. Potential “dead air” locations should be avoided. Generally, the unit should be mounted on the wall or ceiling between centerline and one quarter the distance from the corner

The automatic activated aerosol generator is designed and approved for use under specific parameters (height of enclosure, area coverage, and leakage rate). Only one (1) activated aerosol generator may be used to protect a specific volume.

SPECIFICATONS

Stat-X Generator type	30T	60T	60MT	100T	250T	250MT	500T	1000MT
Aerosol mass (gr)	30	60	60	100	250	250	500	1000
Weight extinguisher (kg)	0,330	0,35	0,45	0,86	2,51	1,31	3,40	5,61
Volume class A (m^3) Idle	0,31	0,62	0,62	1,03	2,57	2,57	5,15	10,30
Volume class B (m^3) Idle	0,54	1,09	1,09	1,81	4,54	4.54	9,09	18,18
Volume class C (m^3) Idle	0,54	1,09	1,09	1,81	4,54	4,54	9,09	18,18
Lenghte combination (mm)	109	142	155	152	168	202	218	333
Diameter extinghuiser (mm)	51	51	51	76	127	76	127	127
Lenght of C-Zone (cm)	25	30	30	46	95	95	127	170
Maximum height area (m)	1,80	2,50	2,50	2,50	3,50	3,50	4,00	4,88
Area coverage (m2)	1,44	2,89	2,89	4,75	11,90	11,90	23,80	23,80
Discharge time (sec)	7	8,5	8,5	11,5	12	18	21	25
To protect volume	The data mention in this table is based on an ideal situation, without leakage and 3 meters high							
Extinguishing agent	Dry condensed aerosol							
Housing	Insulated stainless steel							
Activation	By a thermal initiator							
Part number	KG 15300	KG 15310	KG 15311	KG 15410	KG 15510	KG 15511	KG 15610	KG 15711

Part nö	Description
KG/20102	Head, Thermal Auto Actuation 70°C, AL
KG/20104	Head, Thermal Auto Actuation 95°C, AL
KG/20106	Head, Thermal Auto Actuation 123°C, AL
KG/18002	Bracket for 30/60
KG/18005	Bracket for 100/250/250MT
KG/18010	Bracket for 250/500/1000MT

Part nö	Description
KG/18220	Thermal switch clip assembly, 2”, NO
KG/18221	Thermal switch clip assembly, 3”, NO
KG/18222	Thermal switch clip assembly, 5”, NO
KG/18225	Thermal switch clip assembly, 2”, NC
KG/18226	Thermal switch clip assembly, 3”, NC
KG/18227	Thermal switch clip assembly, 5”, NC