



## DATASHEET FOR FIRE EXTINGUISHING AEROSOL GENERATOR

### MODEL EXA-50

**Product Code:** A-FG-10-001

#### Operations:

The principle operation is unique. A special solid formulation within a non-pressurised canister, when electrically activated, generates an aerosol exhibiting excellent fire extinguishing characteristic. The aerosol consists of suspension of micron sized particles in a mixture of naturally occurring gases comprising mainly of nitrogen.

#### Applications:

PYROGEN EXA-50 was developed for protection of sealed enclosures. Areas protected include:

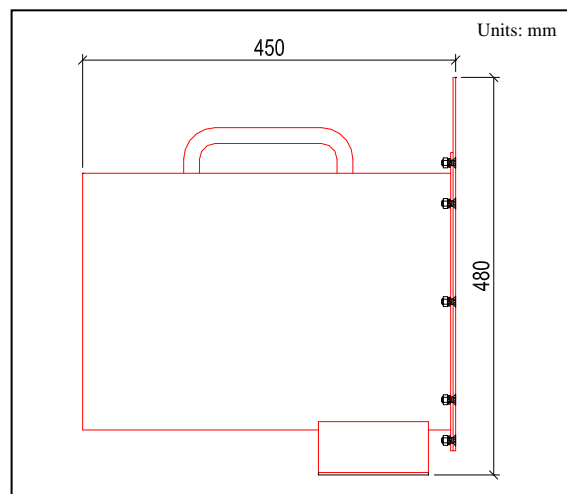
- cargo compartments
- data rooms
- electrical substations
- cable tunnels
- generator rooms
- intelligent buildings
- laboratories
- telecommunication cabins

#### Classifications:

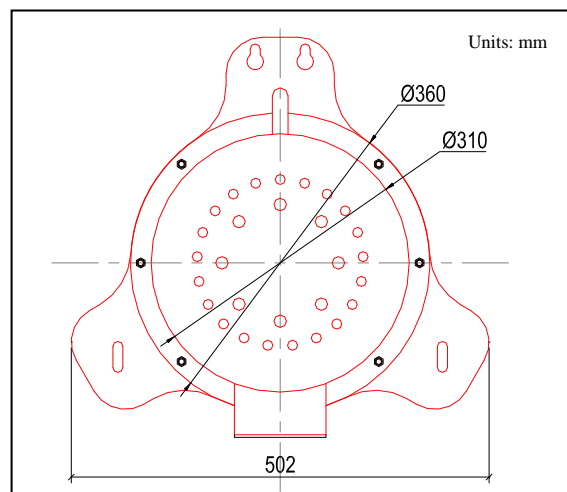
Suitable for:

Class	Type
Class A	Combustible Solids
Class B	Flammable Liquid
Class C	Flammable Gases
Class E	Electrically Energised Fire

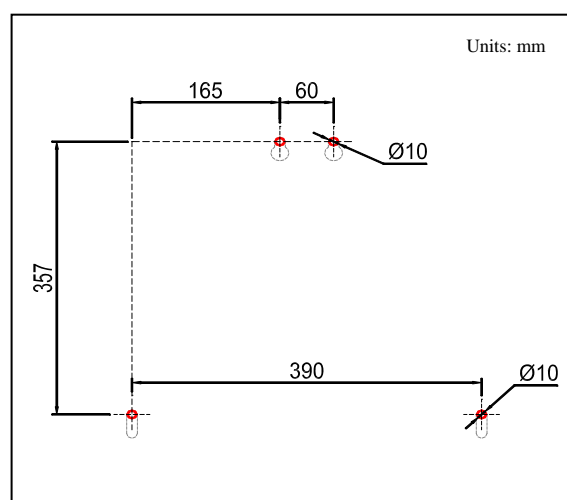
#### Dimensions:



**SIDE VIEW**



**FRONT VIEW**



**MOUNTING HOLES**

Series3-rev1-300607-ttw

**PYROGEN MANUFACTURING SDN. BHD.** (494713D)

No. 17, Jalan Pemberita U1/49, Temasya Industrial Park, 40150 Shah Alam, Selangor, Malaysia

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### Pictures:



### Technical Specifications:

Descriptions	Specifications
Model	EXA-50
Country of Manufacture	Malaysia
Mass of Generator, g	28500
Mass of Aerosol-Generating Compound, g	5000
Max Protected Volume, m <sup>3</sup> (based on design concentration of 100g/m <sup>3</sup> )	50
Nozzle Outlet	Mono
Dimensions, (mm)	As Per Attached Drawings
Igniter Resistance, $\Omega$	2.0-3.0
Min. All Fire Current, A	1.2A@12ms
Min. Activation Voltage, V	3.6V
Temperature Range, °C	-50 to +65
Installed Life, years	10 years (non-severe environment)
Discharge time, s	<50.0
Material	Mild Steel
Finish	Epoxy Powder Coated, Red

### Standard Included Items:

Item	Product Code
IIU / TFM Card	C-AS-IIU-001

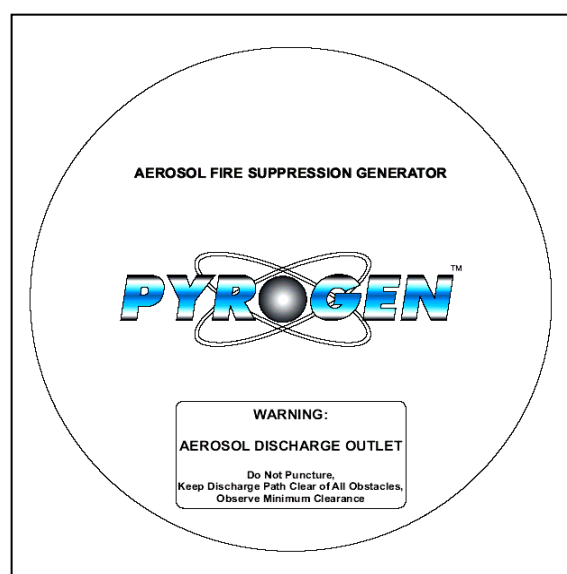
### Info for Transportation:

Descriptions	Specifications
Box Dimensions, mm	530mm x 510mm x 466mm
Generators per Box	1
Weight of Package, kg	30.5 kg

### Labels/ Markings



SIDE LABEL



NOZZLE LABEL

Series3-rev1-300607-ttw

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