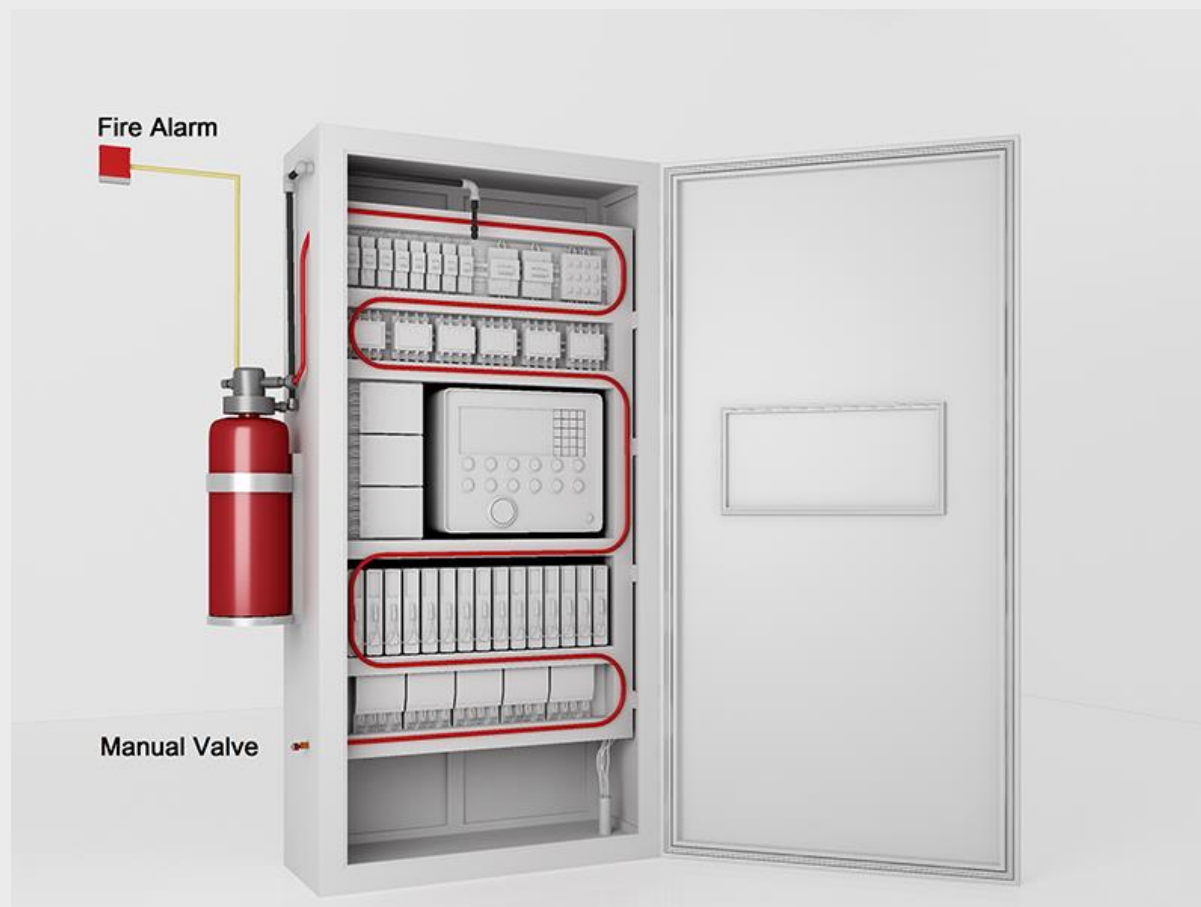


HANGZHOU PRI-SAFETY FIRE TECHNOLOGY.CO.,LTD

## Electric Equipment Automatic Fire Suppression system



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ONE  
COLLECTION

# Company Brief

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PRI-SAFETY simple introduction

**PRI-SAFETY** was established in 2004, is professional manufacturer of Cylinder Automatic Fire Suppression Systems for Kitchen/Vehicles/Electric Cabinets/Machines, Tube Automatic Fire Suppression System, CAFS Fire Systems, Throwing Fire Extinguisher, Cooking Oil Fire Extinguisher, Fire Extinguisher, etc.

Our products are mainly export to Europe, Middle east, America, South America, Africa, etc.  
Most of our products are with approval of CE, EN3, EN671, UL, LPCB, MED, etc.

We produce high quality fire fighting products, and we supply one-stop purchasing service too.



# TWO

COLLECTION

## BACKGROUND

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Why we need this new product?



## B A C K G R O U N D

### *Electric Equipment Automatic Fire System*

The characteristics of electrical fire hazards are the distribution, persistence and concealment of fire hazards. Due to the wide distribution of electrical systems and long-term continuous operation, electrical lines are usually laid in concealed places (such as ceilings, cable trenches), and are not easy to be detected by the fire alarm system at the initial stage of a fire, nor are they easy to observe with the naked eye. The danger of electrical fire is also closely related to the electricity consumption. When the electricity load increases, it is easy to cause electrical fires due to overcurrent.

The casualties, property losses and social shocks caused by the fire are huge. Electrical fires mainly occur in buildings, where people are close, evacuation is difficult, and smoke is not smoothly exhausted. It is very easy to cause serious accidents of mass death and injury.

# THREE

COLLECTION

## PRINCIPLES OF SYSTEM

How this product works?

## PRINCIPLES OF SYSTEM

**PRI-SAFETY** electric equipment fire suppression systems have been specifically designed to protect electric equipment and put out electric fires caused by leakage electric(class E fire) quickly and efficiently. These self contained pneumatic systems require no external energy or power supply. Upon flame impingement or heat, the pressurized detection tubing will burst and activate the cylinder valve to open and release the extinguishing agent.

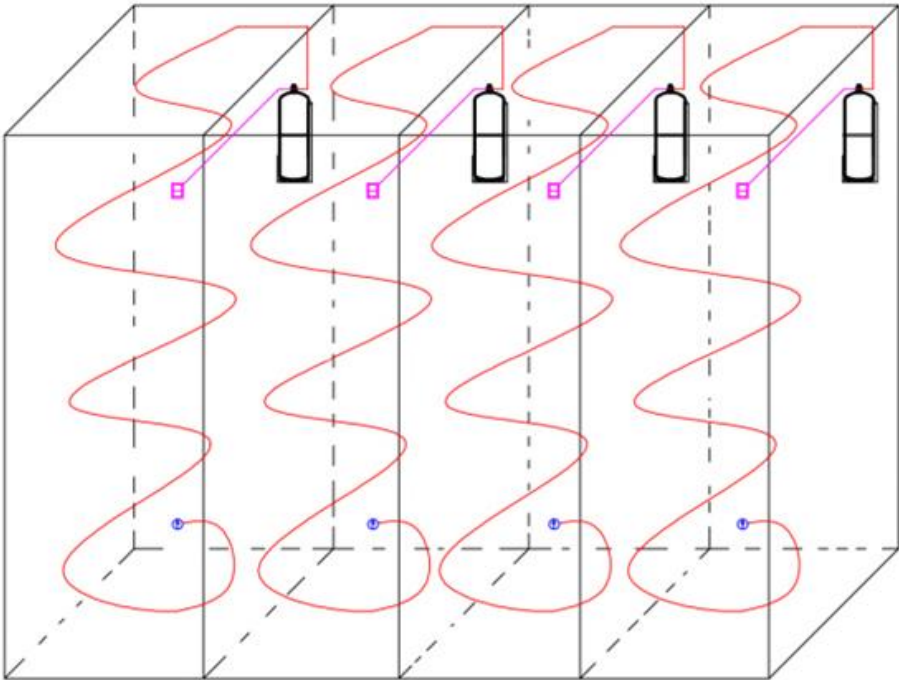
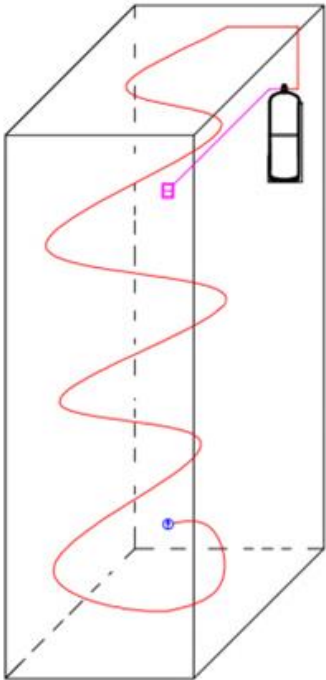
**PRI-SAFETY** electric equipment fire suppression systems are specifically designed to extinguish fires of electric panel, battery bay, control panel, electric equipment etc. It is developed to prevent damage of equipment, records, people and other assets that are vital to a business.





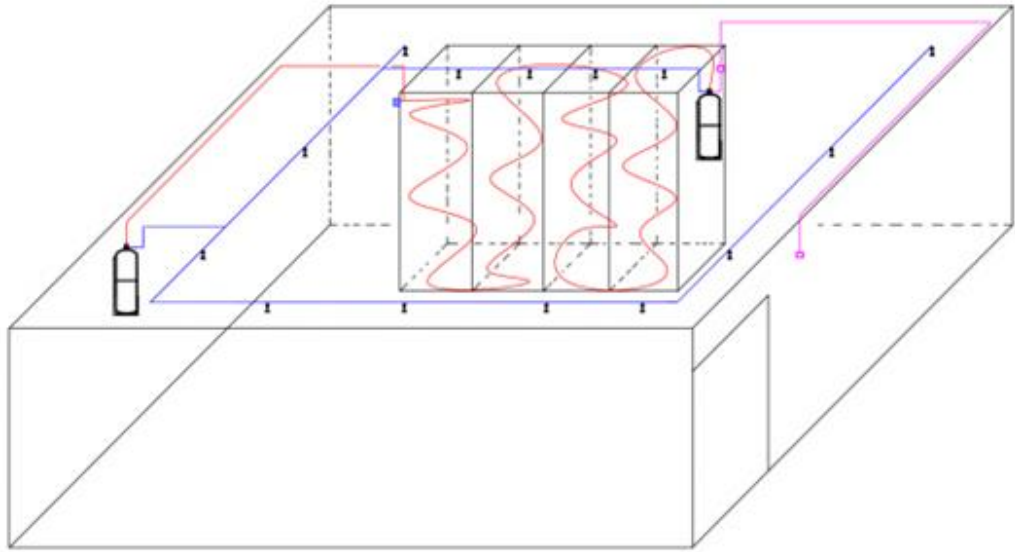
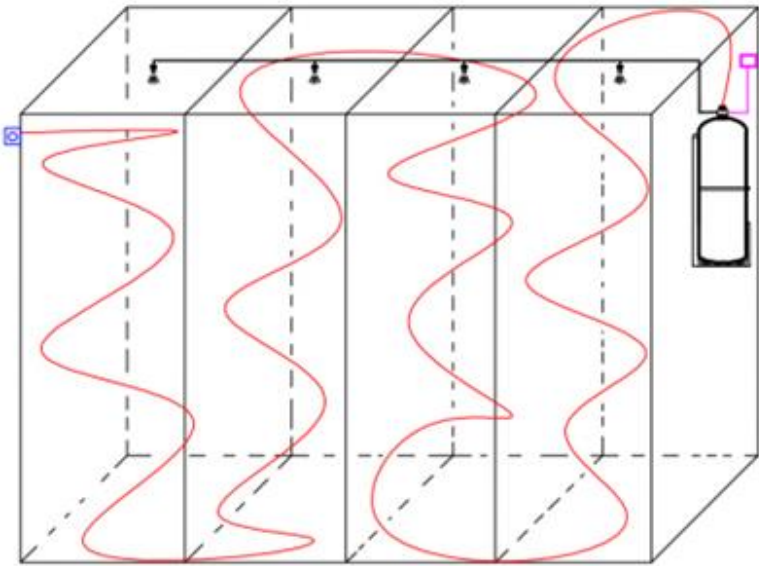
PRODUCT DRAWING

Direct Type



PRODUCT DRAWING

Indirect type



**FOUR**  
COLLECTION

# PRODUCT DETAILS

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Specifications & Components

## PRODUCT SPECIFICATIONS

Items No.	EFS-01	EFS-02	EFS-06	EFS-09	EFS-12	EFS-25
Capacity	1L	2L	6L	9L	12L	25L
Out-Dia.(mm)	90	110	160	180	180	257
Cylinder Length(mm)	270	302	450	485	621	775
Volume(L)	1.29L	3.8L	7.8L	10.5L	16L	35L
Extinguishing Agent	FM200	FM200	FM200	FM200	FM200	FM200
Working Pressure(bar)	14bar	14bar	14bar	14bar	14bar	14bar
Test Pressure(bar)	27bar	27bar	27bar	27bar	27bar	27bar
Cylinder Material	ST12 or SS304	ST12 or SS304	ST12 or SS304	ST12 or SS304	ST12 or SS304	ST12 or SS304
Discharge Pipe	φ6mm SS304	φ6mm SS304	φ12mm SS304	φ16mm SS304	φ16mm SS304	φ16mm SS304
Certificate	CE marked	CE marked	CE marked	CE marked	CE marked	CE marked
Activation Temperature Detection Tube	140℃	140℃	140℃	140℃	140℃	140℃

PRODUCT COMPONENTS

Direct type Automatic Fire System





PRODUCT COMPONENTS

Indirect type Automatic Fire System



# APPLICAITON

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How to choose the suitable capacity?

Five  
COLLECTION

# A P P L I C A T I O N

- 1kg---For 1~1.25m<sup>3</sup> Electric Panel
- 2kg---For 2.0-2.5m<sup>3</sup> Electric Panel
- 6kg---For 6-7.5m<sup>3</sup> Electric Panel
- 9kg---For 9.0-11.25m<sup>3</sup> Electric Equipment
- 12kg--- For 12-15m<sup>3</sup> Electric Room
- 20kg--- For 20~25m<sup>3</sup> Electric Room
- Bigger capacity could be customized
- ...



**SIX**  
COLLECTION

## ADVANTAGE

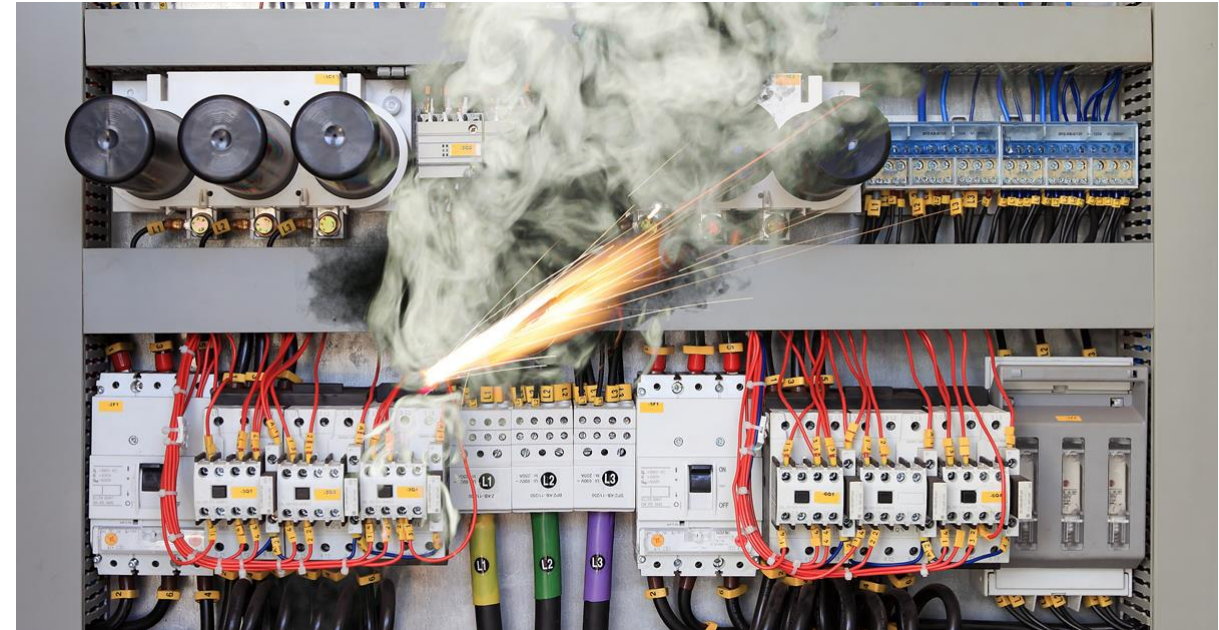
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Why it is worth?

## PRODUCT ADVANTAGE

### *Electric Equipment Automatic Fire System*

- Simple, high quality and well engineered system. Easy to install.
- Fast, automatic actuation.
- We use gas instead of water to put out the fire without causing damage.
- When a fire occurs, the system will first detect it and then feedback control the fire extinguishing system to turn on and extinguish the fire within 10 seconds.
- Remaining operational during power interruption.
- There is no need for manual close fire fighting.





[www.chinafiresafety.com](http://www.chinafiresafety.com)

HANGZHOU PRI-SAFETY FIRE TECHNOLOGY.CO.,LTD

**Electric Equipment Automatic Fire Suppression system**

**---THANKS---**