



Automatic Fire Detection Tube Extinguishing Equipment For Chemical Flammable Storage

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Guangzhou Xinlin Firefighting Equipment Co., Ltd.
- Certification: ISO9001,CE,QMS,CCCF,CNAS
- Model Number: TH-Z-Q-6/2.5/170-XL
- Minimum Order Quantity: 100 set system
- Price: negotiation
- Packaging Details: Plywood outer box with bubble bag or paper
- Delivery Time: 10-15 working days after payment or receipt of L/C
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,MoneyGram
- Supply Ability: 50000 sets per week



Product Specification

- Capacity: 3KG/4KG/6KG/8KG
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Color: Red
- Object: Class A, B, C, E Fires | Customized Request
- Storage Pressures: 2.5MPa(+20)
- Service Temperature Range: 0 ~50
- Filling Density: 1150kg/M3
- Highlight: **Automatic Fire Detection Extinguishing Equipment , Tube Extinguishing Equipment, Automatic Fire Detection Tube Extinguishing Equipment**



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Product Description

Automatic Fire Detection Tube Extinguishing Equipment For Chemical Flammable Storage

Description

A fire detection and suppression device that uses a flexible tube filled with FM200 (HFC-227ea) fire suppression agent is known as an automatic/manual actuated fire detection tube. When exposed to extreme temperatures or manually triggered, the tube is designed to burst, releasing the FM200 agent over the flames to extinguish the fire. This technology is effective for various types of fires, including:

Class A Fires: These fires occur when common combustibles such as wood, paper, cloth, and plastic catch fire. When the fire detection tube detects the heat generated by these fires, the suppression mechanism is triggered, releasing FM200 to extinguish the fire.

Class B Fires: These fires are caused by flammable liquids like gasoline, oils, solvents, and certain gases. When these flames are detected, the fire detection tube can be programmed to burst and release FM200 to effectively suppress the fire.

Class C Fires: These fires involve electrical equipment that is energized. The fire detection tube is designed to burst and release FM200, which is a non-conductive fire suppression agent, specifically formulated to extinguish electrical fires without posing a risk of electric shock.

Class D Fires: These fires involve combustible metals like magnesium, titanium, potassium, and sodium. When the tube detects the extreme heat produced by these fires, it can activate the release of FM200 to suppress the fire.

The working principle of the fire detection tube is based on heat detection. As the fire increases the ambient temperature, the tube material undergoes thermal expansion, causing the tube to burst. If necessary, the system can also be manually activated via a manual release mechanism, ensuring immediate fire suppression.

When the tube ruptures, the FM200 agent stored inside is released nearby, extinguishing the fire by smothering, cooling, or inhibiting the chemical reactions necessary for combustion. FM200 is a highly effective, environmentally friendly, and safe fire suppression agent that rapidly extinguishes flames while minimizing fire damage. Automatic/manual actuated fire detection tubes are commonly used in various settings, such as industrial facilities, server rooms, electrical cabinets, vehicles, and other applications where quick fire detection and suppression are critical to reducing fire risks and protecting lives and property.

Technical Parameters:

Specification	Parameter
Actuation	Automatic
Product Name	Fire Detection Tube
Working Pressure	FM200: 2.5MPa
Max. Filling Rate	1.15kg/L
Supply Ability	3000 Set/Sets Per Week
Working Temperature	0°C~50°C
Response Time	≤5s
Specification	FM200 Clean Agent
Origin	Guangzhou, Guangdong, China
Installation	Easy To Install

Company profile

Guangzhou Xinlin Firefighting Equipment Co., Ltd. is located in Guangzhou, a vital city connecting China to the world, characterized by its convenient transportation and picturesque environment. We are a manufacturing company with a professional and seasoned team of employees, consisting of solution design experts, technical installation specialists, quality inspection professionals, and after-sales service teams, dedicated to the research and development of HFC-227ea (FM200), IG541, IG100, and Novec 1230 products.

Currently, we offer a range of commonly used fire suppression systems, including FM200 fire suppression systems, cabinet-style FM200 fire suppression systems, fully automatic fire extinguisher (hanging), portable fire extinguisher, IG541 fire suppression systems, IG100 fire suppression systems, fire detection tube fire suppression systems, as well as automatic fire extinguishing pipelines.

With high quality products, perfect service and good reputation, the company has won wide praise from customers at home and abroad.



Why choose us

- Efficient management system
- More than 10 years of experience in gas fire fighting industry
- Advanced equipment and professional engineers
- We provide 8x6 hr technical support and after-sales service

Frequently Asked Questions

Q1: Are you a manufacturer or a trading company?

A1: We are the manufacturer.

Q2: Do you have OEM orders?

A2: Yes, according to the customer's requirements.

Q3: Where is your factory located? How do I get there?

A3: Our factory is located in Dongzhou Industrial Park, Xintang Town, Zengcheng District, Guangzhou City, Guangdong Province, China.

You are very welcome to visit our factory.



Guangzhou Xinlin Fire Fighting Equipment Co., Ltd.



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