



## FM200 Gas Fire Extinguishing System Clean Automatic Fire Extinguisher Substation Fire

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: UL,FM,CMA,CNAS
- Model Number: QMQ5.6/90N-XL-004
- Minimum Order Quantity: 1
- 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: 20000 sets per week



#### Product Specification

- Maximum Working Pressure: 8MPA(20°C)
- Filling Density:  $\leq 1080\text{kg/m}^3$
- Name: Fm200 System
- System Blowdown Time: Computer Room  $\leq 8\text{s}$ , Other  $\leq 10\text{s}$
- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Storage Pressure: 5.6MPA(20°C)
- Scope Of Work: 0°C~50°C
- Fire Extinguishing Design Concentration: 8 10°C
- Highlight: FM200 gas fire extinguishing system,  
Automatic FM200 gas fire extinguishing system,  
Clean FM200 gas fire extinguishing system



#### More Images





## Product Description

### Product Description:

The internal storage pressure SEVOFLUOROPROPANE fire extinguishing system is a kind of gas fire extinguishing system. It is mainly composed of fire extinguishing agent bottle group, container valve, selection valve, check valve, flow collecting pipe, connecting pipe, nozzle, signal feedback device, safety discharge device, control panel, leak detection device, pipeline fittings and other components. The working principle is: usually the fire extinguishing agent is stored in the fire extinguishing agent bottle group, the bottle group has a certain pressure, when the fire protection area occurs, the fire detector detects the fire signal and transmits it to the controller, the controller sends a start signal, opens the container valve, the fire extinguishing agent is sprayed into the protection area through the pipeline and the nozzle, and the fire extinguishing agent is put out by chemical suppression and physical cooling. SEVOFLUOROPROPANE fire extinguishing agent can interrupt the chain reaction in the combustion process, and can absorb part of the heat, so as to achieve the purpose of fire extinguishing.

#### Characteristics of fire extinguishing agent

**Clean and environmental protection:** SEVOFLUOROPROPANE fire extinguishing agent has a relatively short life in the atmosphere and will not cause damage to the ozone layer like halon fire extinguishing agent. It has an ODP (ozone depleting Potential) of 0, and its greenhouse gas potential (GWP) is also low, leaving no solid residue or oily substances after extinguishing the fire, and is more friendly to the protected equipment and the environment. For example, when used in data centers, libraries and other places, it will not cause pollution to electronic equipment and books after extinguishing the fire.

**High fire extinguishing efficiency:** heptafluoropropane has good fire extinguishing performance and low fire extinguishing concentration. It can effectively extinguish Class A (solid surface fire), Class B (liquid fire), Class C (gas fire) fires, especially for electrical fires have a good fire extinguishing effect. Because electrical equipment can not use water and other conductive fire extinguishing agent when the fire, SEVOFLUOROPROPANE is a good alternative.

**Low toxicity:** SEVOFLUOROPROPANE is relatively safe for humans at normal design concentrations. However, when the concentration is too high, it may have a certain impact on the human body, such as causing dizziness, nausea and other symptoms. However, in a properly designed system, this situation can generally be avoided, as the HFC-propane in the protected area is quickly discharged through the ventilation system after extinguishing the fire.

### Technical Parameters:

Product Name	FM200 System
Pattern Of Extinguishing	Enclosed Flooding
Starting Mode	Automatic, Electrical Manual, Mechanical Emergency
Storage Pressure	5.6MPA(20°C)
Filling Density	≤1080kg/m <sup>3</sup>
Scope of Work	0°C~50°C
Fire Extinguishing Design Concentration	8-10%
System Blowdown Time	Computer Room ≤8s, Other ≤10s
Maximum Working Pressure	8MPA(20°C)

### Applications:

**Data centers and computer rooms:** These are places where large amounts of electronic equipment are stored and electrical fire risks are high. HFC-propane fire extinguishing systems can quickly extinguish fires without damaging equipment and protect data security.

**Distribution rooms and substations:** Essential for the protection of power facilities, because fires in these places can lead to serious consequences such as widespread blackouts, and HFC-propane fire suppression systems can quickly and effectively extinguish electrical fires.

**Archives and libraries:** where precious archives and books are stored, a clean, pollution-free fire extinguishing system is needed, and heptafluoropropane fire extinguishing system meets the requirements.

#### Maintenance requirement

Check the system regularly, including the pressure check of the fire extinguishing agent bottle group, generally check the bottle group pressure at least once a month to ensure that the pressure is within the specified range. Check pipes and fittings for leakage, and use soapy water and other methods to detect leakage. It is also necessary to perform functional tests on the electrical components of the

system, such as fire detectors, controllers, etc., to ensure that the system can start and operate normally. In addition, every five years should be a comprehensive test of the system, including fire extinguishing agent quality testing.



#### Why choose us:

- Efficient management system
- More than 10 years of experience in gas fire fighting industry
- Advanced equipment and professional engineers
- We provide 8×6 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.



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