



## FK 5-1-12 Fire Suppression System Without Pollution For UPS Room 4.2MPa Hfc227ea Fire Suppression System

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: ISO9001,CE,QMS,CCCF,CNAS
- Model Number: XL-03
- Minimum Order Quantity: 1set 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: 60000 sets per week



### Product Specification

- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Capacity: 100L, 120L, 150L
- Power: DC24V/1.6A
- Company Type: Manufacturer Over 10-Years
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Transport Package: Plywood Outer Box With Bubble Bag Or Paper
- Storage Pressure: 4.2MPa
- Maximum Working Pressure: 5.3MPa
- Fire Rating: Class A, B, C,E Fires
- High Light: Fm200 Suppression System
- Highlight: **UPS Room Fire Suppression System ,  
Hfc227ea Fire Suppression System ,  
4.2MPa Fire Suppression System**



### More Images



## Product Description

### FM200 Automatic Pipe Network Extinguisher Without Pollution for Electronic Room

The FM200 gas fire extinguishing system produced by Guangzhou Xinlin Fire Fighting Equipment Co., Ltd. is a reliable and flexible gas fire extinguishing system that uses FM200 (hfc-227ea) detergent to extinguish fires quickly and effectively. The detergent suppression system is designed for a variety of applications and is powered by DC24V/1.6A. With a storage pressure of 4.2MPa (+20°C) and a maximum operating pressure of 5.3MPa (+20°C), the FM200 (hfc-227ea) gas suppression system is known for its high reliability, which can reach 99.99%. It is a safe and cost-effective fire suppression system that provides maximum fire protection for a wide range of applications.

The FM200 (hfc-227ea) gas suppression system is the ideal fire protection solution for data centers, telecommunications rooms, server rooms, and other areas where sensitive equipment needs to be protected from fire. It uses a cleaner fire extinguishing system to extinguish fires quickly and efficiently. It is easy to install and suitable for many different types of environments and Spaces. The system is designed to be flexible and can be adapted to the specific needs of its protected area.

The FM200 (hfc-227ea) gas fire suppression system is the perfect fire protection solution for any environment that requires fast and reliable fire suppression. With its flexibility, reliability and detergent suppression, the FM200 (hfc-227ea) gas suppression system is ideal for protecting sensitive areas and equipment from the risk of fire.

### Technical parameter

Model	XL-03
Executive standards	GB25972-2010
Storage pressure	4.2Mpa(+20°C)
Working temperature range	0~50°C
Filling density	≤950kg/M <sup>3</sup>
Maximum working pressure	5.3Mpa(+20°C)
System spray time	Computer room≤8S,Others≤10S
Fire extinguishing methods	Total flooding
Fire extinguishing design concentration	8-10%
Starting Method	Automatic, pneumatic, manual mechanical emergency start



### Working principle

Here is the illustration of working principle to whole system

## Product Description:

A FM200 Gas Suppression System is a type of fire protection system that uses heptafluoropropane (also known as HFC-227ea) as the extinguishing agent. This system is commonly installed in areas where traditional water-based fire suppression methods could cause significant damage to valuable assets such as computer rooms, data centers, telecommunications facilities, museums, archives, and other critical environments.

Here's a the components and operation of a typical FM200 Gas Suppression System:

### Components:

- **Extinguishing Agent Storage Cylinders:** These contain the FM200 gas under pressure.
- **Release Valves:** Control the release of the FM200 gas from the storage cylinders.
- **Piping Network:** Distributes the gas to the protected area through a series of pipes.
- **Nozzles:** Spray the FM200 gas into the protected space evenly.
- **Detection Devices:** Smoke detectors and heat detectors monitor the area for signs of fire.
- **Control Panel:** Monitors the status of the system and activates the extinguishing sequence upon detection of a fire.
- **Alarm Devices:** Audible and visual alarms to alert occupants before the gas is released.

TUV SGS ISO CE Certified Gaseous Fire Suppression System Gas Fire Suppression System

The FM200 Gas Suppression System is a clean agent fire-extinguishing system that offers superior fire protection with a zero ozone depletion potential. Powered by DC24V/1.6A, this fire suppression system is designed for Class A, B, C fires and has a storage pressure of 5.6Mpa. The FM200 fire-extinguishing agent is stored in the system's red cylinders and is released within seconds to extinguish the fire. This fire suppression system provides fast, effective fire protection with no smoke or water damage.

### Benefits:

- **Clean Agent:** FM200 leaves no residue and does not harm sensitive electronics or other valuable assets.
- **Rapid Fire Suppression:** The gas is dispersed quickly, often within 10 seconds, to suppress the fire before it causes extensive damage.
- **Safe for Humans:** FM200 is non-toxic at the concentrations used for fire suppression, although it can displace oxygen; therefore, evacuation is necessary.
- **Environmentally Friendly:** FM200 has a lower environmental impact than previous halon agents and does not deplete the ozone layer.

### 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.

### Advantages

It is very efficient for you to protect your possession. Since it is a system, it includes extinguishing device to put out fire in a short time. It means all agent will be discharged in less than 10 seconds. Then it will be flooding overall. In addition, it has time-delay mechanism. It is around 2 minutes. It means when a fire happens, there is enough time for people escaping the building. We have listed out two points for customer as reference.

1/ Flexible application in protection zones. As its structure and assembly of other useful components, it can concentrate one very big protection zone with the combination of multiple storage cylinders. Its coverage can be also very small with the system of a single cylinder.

2/ Combined distribution system. The most distinctive and flexible advantage of this system is combined distribution system, which will combine multiple rooms in one district or building but with different dimensions or in different floor. Meanwhile, it can reduce the cost based on the original by the least and safe utilization of fire extinguishing gas. Because of the adoption of selective valves that can guide the fire extinguishing gas into the room on fire, so it would be relatively smarter to monitor each room to avoid an accident. It is worthy to mention that the combined rooms should be less than 8 including 8 in accordance with our standard.

### 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

### Common problems

Q: What is the brand name of the storage pressure fire extinguishing system in FM200?

A: The brand of FM200 internal storage pressure fire extinguishing system is Guangzhou Xinlin Fire Equipment Co., LTD.

Q: What are the models of FM200 internal pressure storage fire extinguishing system?

A: There are 100L, 120L and 150L available models for FM200 internal pressure storage fire extinguishing system.

Q: Where is the storage pressure fire extinguishing system in FM200 manufactured?

A :FM200 internal pressure storage fire extinguishing system is manufactured in Guangzhou, Guangdong Province, China.

Q: What are the characteristics of FM200 internal pressure storage fire extinguishing system?

A :FM200 internal pressure storage fire extinguishing system is efficient, environmentally friendly, safe and reliable, and has a high degree of automation



**Guangzhou Xinlin Fire Fighting Equipment Co., Ltd.**



189-3396-3312



shirley@gas-firesuppression.com



gas-firesuppression.com

Factory Building in Pozhong (Local Name), Dongzhou Village, Xintang Town, Zengcheng District, Guangzhou,  
Guangdong, China