



## Pipe Line Gas Fire Extinguisher System FM200 Gas Suppression System For Fire Control

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: ISO9001,CE,QMS,CCCF,CNAS
- Model Number: 150L
- Minimum Order Quantity: 2 set system
- Price: negotiation
- Packaging Details: Plywood outer box with bubble bag or paper
- Delivery Time: 15-30 work day
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 30000 unit



#### Product Specification

- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Power: DC24V/1.6A
- Company Type: Manufacturer Over 10-Years
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Package Size: 500.00cm \* 450.00cm \* 1900.00cm
- Storage Pressure: 4.2MPa
- Maximum Working Pressure: 5.3MPa
- Fire Extinguishing Methods: Total Flooding
- Fire Rating: Class A, B, C,E Fires
- Application Scenario: Library
- High Light: Museum Fm200 Fire Suppression System
- Highlight: **fm200 gas suppression, fm200 suppression system, fm200 systems**



### Description

#### Pipe Line Gas Fire Extinguisher System FM200 Fire Suppression System for Fire Control

The internal storage pressure FM200 (hfc-227ea) fire extinguishing device system is mainly composed of the following parts:

Extinguisher cylinder and cylinder holder: Containers used to store FM200 extinguisher, usually with different pressure levels. The bottle group is used to support and mount the bottle group to ensure its stability.

N2 drive bottle pack and drive bottle rack: The N2 (nitrogen) drive bottle pack provides pressure to release FM200 from the storage bottle pack into the fire extinguishing unit. The drive bottle group is set up for support and protection.

Container valves, liquid flow check valves and air flow check valves: These valves play a key role in controlling flow and direction in fire extinguishing systems. They ensure that heptafluoropropane only enters the fire source area when it is needed.

Electromagnetic drive device: The electromagnetic drive device is responsible for controlling the opening and closing of the valve, ensuring that the fire extinguishing agent can be quickly released in the event of a fire.

High pressure connection and gas transmission control lines: These lines are used to transmit FM200 and nitrogen to direct it to the area where the fire needs to be extinguished.

Manifold, selector valve, tee and reducing tee: These components are used to distribute the extinguishing agent to the individual nozzles, ensuring coverage around the fire source.

Elbows and reducing elbows: These components are used to adjust the direction of the pipe to suit different installation requirements.

Flanges: Flanges are used to connect different pipe segments to ensure the integrity and tightness of the system.

Safety Drain device: A critical safety feature of the system, used to release pressure in abnormal situations to prevent the system from exploding.

Signal feedback devices, low drain and high seal valves, nozzles, agents, fire detectors, gas extinguishing controllers, acousto-visual alarms, alarm bells and bleed lights: These devices and equipment are used to detect fire alarms, provide alerts, and ensure that the system is automatically activated in case of fire.

The emergency start/Stop button is a manual control device for the operating system that allows manual intervention in the operation of the system.

### Technical parameter

Model	100L,120L,150L
Agent	N2
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



## 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

## 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.**



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