



120L Red Steel Pipe Network Fire Suppression System For Lithium-Ion Battery 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: QMQ4.2/100N-XL
- Minimum Order Quantity: 100set
- 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: 100000 sets per week



Product Specification

- Cylinder Volume: 100L、120L、150L、180L
- Storage Pressure: 4.2MPa
- Fire Extinguishing Methods: Total Flooding
- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Relative Humidity: $\leq 97\%$
- Agent: HFC-227ea(FM200)
- Body Material: Steel Cylinder
- Extinguisher Class: Class A,B,C Fires
- Highlight: 120L Pipe Network Fire Suppression System , Steel Pipe Network Fire Suppression System



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Product Description

120L Red Steel Pipe Network Fire Suppression System For Lithium-Ion Battery Storage

Product description

FM200 is a fast-acting, clean fire suppression agent that rapidly evaporates upon discharge, leaving no residue and providing excellent insulation properties. It works through total flooding, making it suitable for various types of fires, including electrical fires, liquid fires, fires involving fusible solids, and even gas fires, where the gas supply is cut off before extinguishing.

This versatile system is ideal for protecting high-value areas such as data centers, communication rooms, electrical substations, server rooms, generator rooms, chemical storage areas, libraries, archives, and even safes. Its efficiency and non-damaging characteristics make it a preferred choice for sensitive environments.

Our FM200 systems are engineered for reliability and ease of use, offering robust protection for critical infrastructure such as data centers, financial institutions, government offices, media centers, and telecommunications facilities. Designed for high performance and low maintenance, the FM200 system provides a trusted solution for safeguarding your most valuable assets.

Technical parameter

NO.	Specifications	Parameters
1	Storage pressure	4.2Mpa
2	Filling density	≤950kg/m3
3	Power	DC24V/1.6A
4	System spray time	comouter≤8s,other8s
5	Storage surroundings	Temperature: -10~50 relative humidity: ≤ 97%
6	The largest protected proportion	800m2
7	The largest protected volume	3600m3

Principle of system

When the control mode selection key on the automatic fire alarm and fire extinguishing controller is set to the "auto" position, the fire extinguishing system is under automatic control. When a fire occurs in the protection area, the temperature and smoke detectors will send out a fire signal through the automatic fire alarm and extinguishing control. After the logic analysis of the device, it sends out a combined sound and light alarm signal, and sends out a linkage command at the same time to close the linkage device. After a delay, a fire extinguishing command is issued, the starting valve is opened to release the starting gas, and the starting gas is opened through the control gas pipeline valves and container valves release the fire extinguishing agent and implement fire extinguishing.

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 FM200 extinguishers (ceiling-mounted), 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.



Frequently Asked Questions

Q1: Are you a manufacturer or a trading company?

A1: We are a professional manufacturer specializing in gas fire suppression systems.

Q2: Do you offer OEM products?

A2: Yes, we welcome your own designs and drawings.

Q3: Where is your factory located?

A3: Our factory is situated in the East Lake Industrial Park of XinTang Town, Zengcheng District, Guangzhou City, Guangdong Province, China.

Q4: How can I get to your factory?

A4: Due to convenient transportation, you can reach us by taxi or by subway. If taking the subway, please take Line 13 to Shacun Station. Before disembarking, kindly inform us in advance, and we will arrange for a comfortable business van to pick you up from there.



Guangzhou Xinlin Fire Fighting Equipment Co., Ltd.

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