



Fire Gas Suppression System Gas Hfc-227ea Fm200 Suppression System Extinguisher

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: QMP90/4.2W-XL-60
- 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: 80000 sets per week



Product Specification

- Capacity: 90L, 120L, 150L, 180L
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Fire Extinguishing Methods: Total Flooding
- Fire Rating: Class A, B, C, E Fires
- High Light: FM200, hfc-227ea, heptafluoropropane
- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Highlight: fm200 suppression system, fm200 system, gas fm200



More Images



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Product Description



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 FM20 (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 FM20 (hfc-227ea) gas suppression system is ideal for protecting sensitive areas and equipment from the risk of fire.

Technical parameter

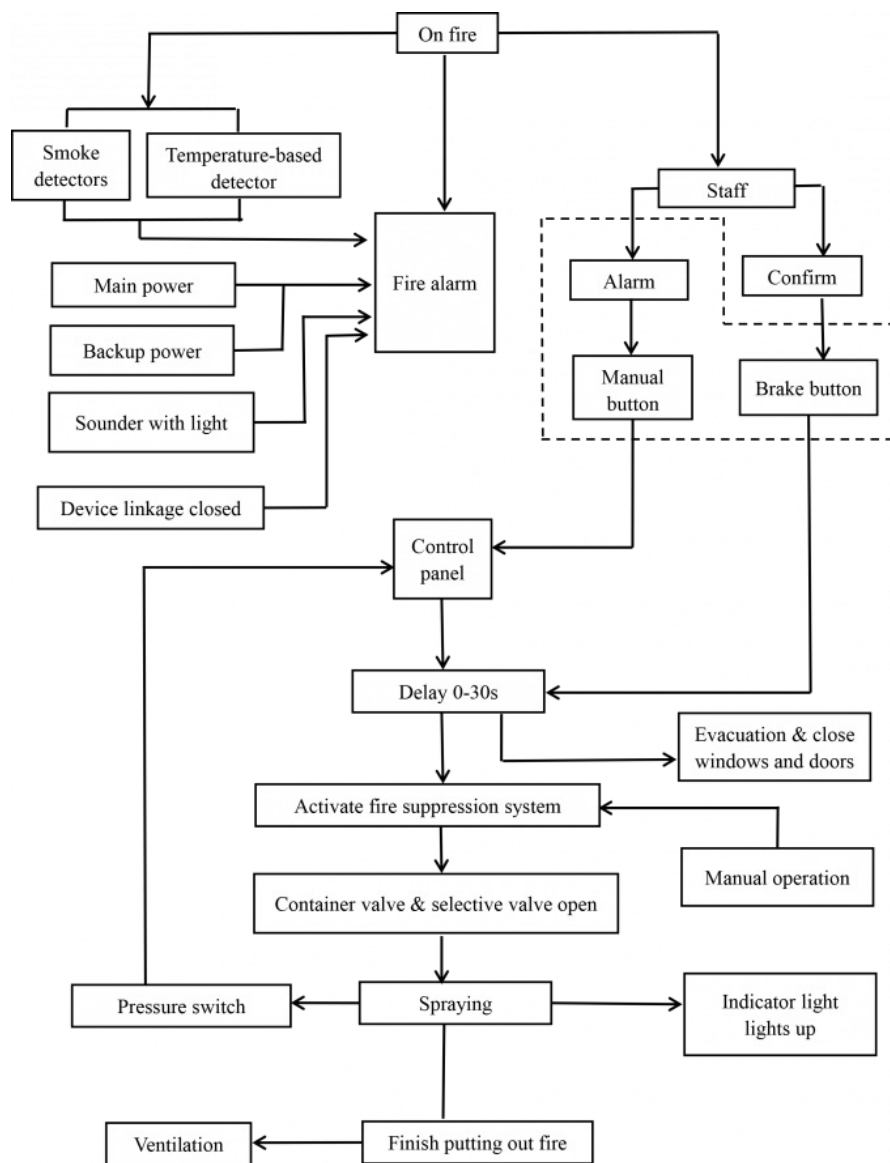
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|---------------------|---------------|
| Model | XL-03 |
| Executive standards | GB25972-2010 |
| Storage pressure | 4.2Mpa(+20°C) |
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| Working temperature range | 0~50°C |
| Filling density | ≤950kg/M ³ |
| 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



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.

Product description

High Quality Hfc-227ea Fire Suppression System FM200 Extinguisher

FM200 (HFC-227ea) external storage pressure fire extinguishing system is an efficient and environmentally friendly gas fire extinguishing system, which is widely used in key places such as computer rooms, power distribution rooms, communication base stations, libraries, and museums. The system uses colorless, odorless and non-conductive heptafluoropropane (HFC-227ea) as the fire extinguishing agent, combined with external pressure storage technology to ensure that fires can be extinguished quickly and effectively when a fire occurs.

The core feature of the external storage pressure fire extinguishing system lies in its unique storage method. Different from the traditional internal pressure storage system, the external pressure storage system stores the fire extinguishing agent and driving gas in separate containers. When a fire occurs, the driving gas quickly enters the fire-extinguishing agent storage container through the pipe network system, pushing the fire-extinguishing agent to be sprayed to the fire source at high speed, thereby achieving rapid fire extinguishing. This design not only solves the problems of unstable pressure and limited transportation distance that may exist in the traditional pressure storage method in the system, but also improves the safety and reliability of the system.

In addition, the FM200 (HFC-227ea) external storage pressure fire extinguishing system also has the following advantages:
Excellent environmental performance: Heptafluoropropane is a clean gas fire extinguishing agent that does not damage the ozone layer. It has a short residual time in the atmosphere and meets modern environmental protection requirements.

High fire extinguishing efficiency: Heptafluoropropane has high fire extinguishing efficiency and can quickly control the fire and prevent the fire from expanding.

Safe and reliable: The system adopts intelligent control and has automatic detection, alarm and fire extinguishing functions. It is also equipped with a manual starting device to ensure that the fire extinguishing procedure can be quickly started in an emergency.

Wide range of applications: The system is suitable for a variety of different types of fires, including electrical fires, liquid fires and solid surface fires.

In practical applications, the FM200 (HFC-227ea) external storage pressure fire extinguishing system needs to be customized according to the specific needs of the site. During the design process, factors such as the storage capacity of the fire extinguishing agent, the pressure of the driving gas, the layout of the pipe network, and the configuration of the control system need to be considered to ensure that the system can maximize the fire extinguishing efficiency when a fire occurs.

Technical parameter

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|---|--|
| Model | QMP90/4.2W-XL-60 |
| Executive standards | Q/GZXL001-2021 |
| Storage pressure | 4.2Mpa(+20°C) |
| Working temperature range | 0~50°C |
| Filling density | $\leq 1250\text{kg/M}^3$ |
| Storage pressure | 0.3Mpa(+20°C) |
| Maximum working pressure | 5.3Mpa(+50°C) |
| System spray time | Computer room $\leq 8\text{S}$,Others $\leq 10\text{S}$ |
| Fire extinguishing methods | Total flooding |
| Fire extinguishing design concentration | 8-10% |
| Starting Method | Automatic, pneumatic, manual mechanical emergency start |
| Fire extinguishing method | Fully submerged 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.



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