90L Hfc-227ea Hfc227ea Gas Fire Suppression System 5.3MPa FM200 Extinguisher

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: ISO9001,CE,QMS,CCCF,CNAS
- Model Number: QMP90/4.2W-XL
- Minimum Order Quantity: 1set
- 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, T/T
- Supply Ability: 50000 sets per week

Product Specification

- Alias: FM200,hfc-227ea,heptafluoropropane
- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Power: DC24V/1.6A
- Capacity: 90L, 120L, 150L, 180L
- Company Type: Manufacturer Over 10-Years
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Storage Pressure: 4.2MPa
- Maximum Working Pressure: 5.3MPa
- Fire Extinguishing Methods: Total Flooding
- Fire Rating: Class A, B, C,E Fires
- Highlight: **hfc227ea gas**, **hfc fire suppression**, **fe-227 fire suppression**

More Images

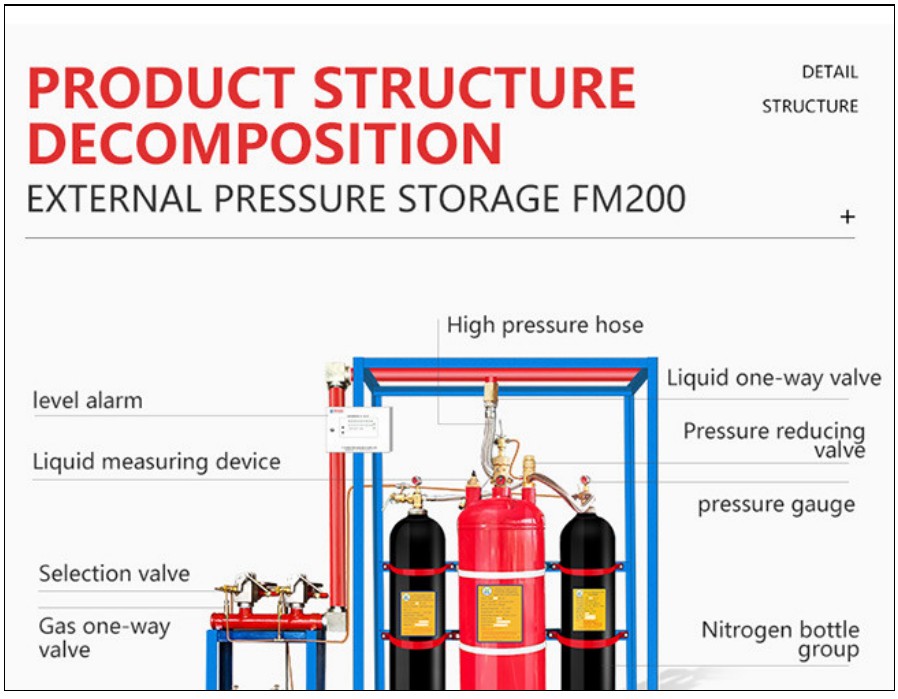
Product Description

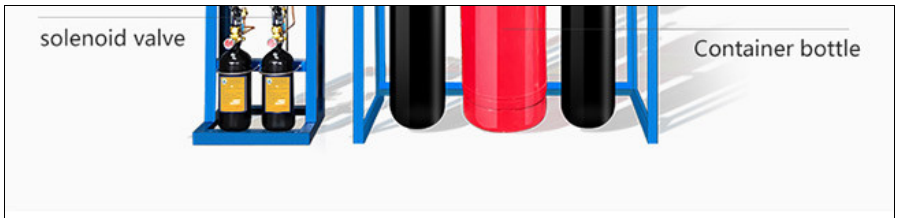
Product description

High Quality 90L Hfc-227ea Fire Suppression System 5.3MPa FM200 Extinguisher

External pressure type FM200 fire extinguishing system is a common gas fire extinguishing system. Its working principle is to store fire extinguishing agent FM200 and power gas in different containers respectively. When spraying fire extinguishing agent, the gas stored in the power bottle is filled into the fire extinguishing agent storage container through the pressure reducing valve, so that the pressure in the fire extinguishing agent container rises rapidly. Continue to promote the fire extinguishing agent through the pipe network system for high-speed discharge, thus greatly improving the transport distance of fire extinguishing agent.
Compared with the internal storage pressure FM200 fire extinguishing system, the external storage pressure system has the characteristics of long transmission distance, large protection space, high filling density, small footprint, and Internet of Things function. It can meet the fire needs of various scenarios, especially in electronic equipment, cultural relics archives, valuables and other important places are widely used.

Model	QMP90/4.2W-XL
Executive standards	Q/GZXL001-2021
Storage pressure	4.2Mpa(+20°C)
Working temperature range	0~50°C
Filling density	≤1250kg/M ^{3}
Storage pressure	0.3Mpa(+20°C)
Maximum working pressure	5.3Mpa(+50°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
Fire extinguishing method	Fully submerged fire extinguishing





EXTERNAL PRESSURE STORAGE FM200 GAS FIRE EXTINGUISHING SYSTEM

The external pressure storage FM200 fire extinguishing system adopts a fully submerged fireextinguishing method. According to the requirements of different application sites, it canform a unit independent system or a combined distribution system to achieve fire protectionfor single and multiple protection zones, The system has three activation methods: automaticmanual. and mechanical emergency operation

LONG CONVEYING DISTANCE
More suitable for long-distance transportation and large space protection zones

FAST SPRAYING SPEED
Shortened spraying time and improved fire extinguishing efficiency

CUSTOMIZABLE ACCORDING TO CUSTOMER REQUIREMENTS
Can reduce pipeline investment

Application scenario

The Externally Pressurized FM200 Fire Suppression System is widely employed across various settings, encompassing the following key applications:

1. Electronic equipment and computer rooms: These are high-risk fire zones that include servers, communication devices, and data centers. The externally pressurized FM200 system is suitable for these environments because it does not harm electronic equipment or computer systems and can swiftly extinguish fires, thereby preventing fire spread and loss of data.

2. Power facilities and substations: These locations house high-voltage equipment and a multitude of electrical apparatuses. A fire in such areas could lead to severe power outages and safety incidents. The externally pressurized FM200 system is ideal for these sites as it can rapidly extinguish fires, prevent their escalation, and ensure the uninterrupted operation of power equipment.

3. Museums and libraries: These venues typically store priceless artifacts, artworks, and archival documents – irreplaceable cultural treasures. The externally pressurized FM200 system is appropriate for these spaces since it causes no damage to artifacts or books while providing swift fire suppression to minimize destruction to cultural property.

4. Chemical laboratories and industrial sites: These places carry a risk of fire, and the FM200 fire suppression system serves as an effective solution for these environments. It promptly extinguishes fires, reducing harm to equipment and the surrounding environment.

5. Preservation of valuable cultural relics: The FM200 fire suppression system is widely used in museums, libraries, and archives to safeguard precious cultural relics and heritage. It delivers fast, non-damaging fire suppression during a fire event, protecting the integrity and value of the artifacts.

6. Commercial buildings: With urban development, large commercial structures like skyscrapers and shopping malls are increasingly prevalent.

These buildings have high occupancy densities and pose significant fire risks. The externally pressurized FM200 fire suppression system features rapid and efficient response capabilities; after a fire breaks out, it activates quickly, releasing FM200 gas to promptly extinguish the fire. In comparison to traditional water-based systems, the externally pressurized FM200 system avoids secondary damage caused by water, thus preserving valuable equipment and critical documents within commercial buildings.

7. Transportation industry: With the rapid advancement of transportation, various modes of transport face escalating fire threats. The externally pressurized FM200 gas fire suppression system is lightweight and efficient, perfectly suited to the confined spaces and high-speed operations typical of transportation vehicles. In the event of a fire, the FM200 gas fire suppression system can be activated promptly to extinguish the fire, ensuring passenger and vehicle safety.

Additionally, the externally pressurized FM200 fire suppression system is also implemented in vital facilities such as airports, oil depots, and port terminals. Overall, the broad application of this system significantly enhances the safety and reliability of various types of facilities.

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