Hfc-227ea Cabinet Fire Extinguishing System Clean Gas Fire Extinguishing Medical Instrument Room Fire Extinguishing Device

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: UL,FM,CMA,CNAS
- Model Number: GQQ70-2.5-XL-002
- Minimum Order Quantity: 1
- 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: 58000 sets per week

Product Specification

- Working Temperature: 0 50℃
- Max Working Pressure: 4.2MPa(+50℃)
- Storage Pressure: 2.5MPA(+20℃)
- Pattern Of Extinguishing: Enclosed Flooding
- System Blowdown Time: Computer Room ≤8s, Other ≤10s
- Filling Density: ≤1120kg/M³
- Cabinet Material: Steel
- Object: Class A, B, C, E Fires
- Highlight: **Clean gas fire extinguishing system**, **Hfc-227ea fire extinguishing system**, **Medical instrument room fire extinguishing system**

More Images

Our Product Introduction

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Product Description

Product Description:

1. Basic concepts

Sevofluoropropane fire extinguishing system is an environmental protection gas fire extinguishing system, which uses sevofluoropropane (FM-200) as extinguishing agent. Sevofluoropropane is a colorless, odorless, low toxic gas with high fire extinguishing performance and no damage to the ozone layer.

2. System composition

Storage vessel: high-pressure cylinders for storage of liquefied heptafluoropropane.

Release device: manual and automatic starting device.

Control panel: indicator light, alarm, display system status.

Sprinkler head: Dedicated gas nozzle to ensure uniform gas spraying.

3. Fire extinguishing principle

Sevofluoropropane fires by reducing oxygen concentration and inhibiting chain reactions, including: decomposition at high temperatures, generating free radicals, interrupting the combustion chain reaction. Dilute the oxygen so that the combustion cannot continue.

4. Place of application

It is suitable for places that need high protection level and can not have water damage, such as: computer room, library, archive room, museum

5. Installation requirements

Installed above or on the side of the protected area to ensure uniform gas diffusion. Avoid close to vents to prevent rapid dilution of gas. Storage containers should take into account the safety distance and ventilation conditions.

6. Maintenance requirements

Check the storage vessel pressure regularly to ensure adequate gas. Check release device and control panel function and conduct regular simulation tests.

7. Security

Heptafluoropropane has low toxicity, and evacuation measures are still needed at high concentrations. Install smoke detectors and temperature sensors to interact with the control system.

8. Cost consideration

Compared to pipe network systems, they may be more economical and have lower installation and maintenance costs.

9. Comparison with other gas extinguishing agents

Carbon dioxide: Low cost

IG541: Good environmental protection, but high cost.

10. Technical parameters

Storage pressure: High, need high pressure cylinder storage.

Release time: The protection area should be covered within the specified time to reach the extinguishing concentration.

11. Environmental protection

The global warming potential (GWP) is low and meets the requirements of environmental regulations.

12. Operation mode

Automatic start, can be automatically started through the detector, or manual start, with an emergency stop function.

13. System type

Preengineered systems are standardized in design and installation for small protected areas.

Technical Parameters:

Product Name	FM200 Cabinet System
Fire Extinguishing Product Type	FM200 Gas Suppression System
Storage Pressure	2.5MPA(+20℃)
Object	Class A, B, C, E Fires
Fire Extinguishing Design Concentration	8-10%
Working Temperature	0 50℃
Cabinet Material	Steel
Filling Density	≤1120kg/M³
Starting Mode	Automatic, Electrical Manual, Mechanical Emergency
Max Working Pressure	4.2MPa(+50℃)
Pattern Of Extinguishing	Enclosed Flooding
System Blowdown Time	Computer Room ≤8s, Other ≤10s

Product characteristics:

This automatic fire extinguisher is easy to use and can be started in three modes: automatic, electrical manual, and mechanical emergency. It uses an enclosed flooding method to suppress fires, making it highly effective in extinguishing Class A, B, C, and E fires. With a storage pressure of 2.5MPA(+20℃) and a filling density of ≤1120kg/M³, this FM200 Cabinet System can quickly extinguish fires and prevent them from spreading.

Why choose us:

- Efficient management system
- More than 10 years of experience in gas fire fighting industry
- Advanced equipment and professional engineers
- We provide 8×6 hr technical support and after-sales service

Frequently Asked Questions

Q1Are you a manufacturer or a trading company?
A1: We are the manufacturer.

Q2: Do you have OEM orders?
A2: Yes, according to the customer's requirements.

Q3: Where is your factory located? How do I get there?
A3: Our factory is located in Dongzhou Industrial Park, Xintang Town, Zengcheng District, Guangzhou City, Guangdong Province, China. You are very welcome to visit our factory.

Guangzhou Xinlin Fire Fighting Equipment Co., Ltd.

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