



Inergen Gas Suppression System Various Type Gas Automatic Ig541 For Data Room

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: ISO9001,CE,QMS,CCCF,CNAS
- Model Number: XL-45
- Minimum Order Quantity: 1set system
- 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: 40000 sets per week



Product Specification

- Portable Extinguisher: FM200 Gas Fire Extinguisher
- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Capacity: 70L, 80L, 90L
- Company Type: Manufacturer Over 10-Years
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Pressure: 15MPa
- Package Size: 520.00cm * 520.00cm * 1650.00cm
- Type: Automatic Fire Extinguisher
- Object: Class A, B, C, E Fires
- High Light: Ig541 Fire Suppression Equipment
- Highlight: **inergen gas suppression system, inergen gas system, inergen gas suppression**

Product Description

Product description

Various Type Gas Automatic Ig541 Nitrogen Gas Fire Extinguisher for Date Room

IG-541 mixed gas fire extinguishing system is a new type of gas fire extinguishing system developed in recent years. Its composition is composed of 52% nitrogen, 40% argon and 8% carbon dioxide, which are the basic components of the atmosphere. After use, it returns to nature with its original composition, colorless and odorless, non-conductive, non-corrosive, no environmental protection restrictions, does not destroy the ozone layer, and does not have any decomposition in the fire extinguishing process, which is a green environmental protection fire extinguishing agent.

Technical parameter

Mode I	XL-45
Agent	N ₂ , Ar, CO ₂ (proportion 52%, 40%, 8%)
Executive standards	GB25972-2010
Working pressure (20°C)	15MPa
Working pressure temperature	0~50°C
Filling density (20°C)	211.15kg/M ³
Maximum working pressure (50°C)	17.2MPa
Fire extinguishing methods	Total flooding fire extinguishing
Starting Method	Automatic, pneumatic, and mechanical emergency operations
Spraying time	≤60S
Drive bottle group pressure	6Mpa

Appli cation place	Computer room, communication room, control room, valuable equipment room.cultural relics collection library and archive room, data storage room, generator room, transformer room, substation circuit breaker, circulating equipment hydraulic equipment, drying equipment, dust removal equipment painting production line.etc
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Fire extinguishing mechanism

IG-541 mixed gas fire extinguishing mechanism belongs to physical fire extinguishing method. The gas mixture is released to extinguish the fire by reducing the oxygen concentration. Generally, the air in protected areas contains 21% oxygen and less than 1% carbon dioxide. When the oxygen in the protected zone drops below 15%, most of the fuel will stop burning. The released gas mixture reduces oxygen levels in the containment zone to 12.5%, while increasing carbon dioxide levels to 4%. When the proportion of carbon dioxide increases, it will speed up the respiratory rate and the ability to absorb oxygen, and when the fire extinguishing design concentration in the fire extinguishing system is not greater than 43%, the system is safe and harmless to the human body.

System operation process

When a fire occurs in the protected area, smoke, high temperature and light radiation make the smoke detector detect the fire signal, the detector converts the fire signal into an electrical signal and transmits it to the controller, the controller automatically sends an audible and visual alarm and makes a logical judgment, starts the linkage device, and sends a system start signal after a delay of 30 seconds. Start the container valve on the drive cylinder to release the drive gas, open the selection valve leading to the fire protection area, and open the container valve of the fire extinguishing agent bottle group. The fire extinguishing agent of each bottle group is collected through the high pressure hose to the collector, and the fire extinguishing agent reaches the nozzle installed in the protection area through the selection valve, and the signal feedback device installed on the pipeline acts to transmit the signal to the controller. The controller activates the gas release indicator outside the protected zone. When the pressure in the protected area exceeds 1000pa, the mechanical pressure relief device automatically opens for pressure relief.

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

Frequently Asked Questions

Q1: Are 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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