



Automatic Fire Protection With The Clean Agent IG541 Inert Gas System

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: DMP70/20-XL-303
- Minimum Order Quantity: 10 set 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: 150000 sets per week



Product Specification

- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Pressure: 20MPa
- Type: Automatic Fire Extinguisher
- Object: Class A, B, C, E Fires
- High Light: DMP70/20-XL-303 Fire Suppression Equipment
- Highlight: **Clean Agent IG541 Inert Gas System,
Automatic Fire Protection Inert Gas System,
Clean Agent Inert Gas System**

Automatic Fire Protection with the Clean Agent IG541 Inert Gas System

Product description

The IG541 gas fire extinguishing system is a modern fire-fighting equipment based on the principle of physical fire extinguishing. It uses a mixed gas composed of 52% nitrogen (N₂), 40% argon (Ar) and 8% carbon dioxide (CO₂). Extinguishing agent. The system is known for its high efficiency, environmental protection, no residue, and non-corrosive characteristics, and is suitable for fighting various types of fires.

Working principle and characteristics: The working principle of the IG541 gas fire extinguishing system is mainly suffocation fire extinguishing method. In the event of a fire, the system quickly releases pre-mixed IG541 gas into the protective area. By reducing the oxygen concentration in the area to less than 15%, the fire source loses sufficient oxidant support, thereby achieving the purpose of extinguishing the fire. However, this concentration is still within the short-term tolerance range of the human body, providing valuable time for safe evacuation of personnel.

The fire extinguishing agent of this fire extinguishing system is a purely natural, non-synthetic gas, which has the following significant

characteristics:

Environmentally friendly and harmless: IG541 mixed gases are all natural components in the atmosphere, have no ozone layer depletion potential and greenhouse effect, and can quickly diffuse back into the atmosphere after release, causing no pollution to the environment.

Safe and reliable: IG541 gas is basically harmless to the human body, non-conductive and will not cause damage to electronic equipment. It is especially suitable for use in places where people often move around.

Widely applicable: Since it has no corrosive effect on the protected items, it can be used to extinguish Class A (solid substances), Class B (liquid and fusible solids) and Class C (gas) fires, especially for precision electronic equipment and precious items. Protection is particularly effective.

scenes to be used:

Data centers and computer rooms: For places where a large amount of electronic equipment and important data are stored, the IG541 gas fire extinguishing system can quickly and effectively extinguish fires while avoiding possible damage to electronic equipment caused by water or other chemical fire extinguishing agents.

Libraries, archives and museums: In places where precious books, documents and cultural relics are preserved, IG541 gas will not leave any residue, ensuring the safety of the data.

Financial institutions and data centers: For areas where important financial information and server clusters are stored, this system can protect hardware while preventing data loss.

Chemical plants, substations, power plants: In industrial environments with a large amount of electrical equipment and potential fire hazards, the IG541 gas fire extinguishing system can provide immediate and efficient fire extinguishing capabilities.

Other important places: places where people are densely populated and have important facilities, such as offices, hospitals, schools, etc., can use the IG541 gas fire extinguishing system as a fire safety measure.

Technical parameter

Model	DMP70/20-XL-303
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
Application 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

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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