



Inert Gas System For Fire Fighting IG541 Inert Gas Automatic Fire Suppression 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: DMP90/20-XL-306
- Minimum Order Quantity: 100 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: 200000 sets per week



Product Specification

- Portable Extinguisher: FM200 Gas Fire Extinguisher
- 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: DMP90/20-XL-306 Fire Suppression Equipment
- Highlight: **inert gas system for fire fighting, inert gases for fire suppression, IG541 gas**



Factory customise Multiple models IG541 Inert Gas Automatic Fire Suppression System From

Product description

The IG-541 fire extinguishing system produced by Guangzhou Xinlin Firefighting Equipment Co., Ltd. is an efficient and environmentally friendly fire extinguishing solution. It uses nitrogen (N₂), argon (Ar) and carbon dioxide (CO₂) in the atmosphere in a certain amount. IG541 mixed gas is used as a fire extinguishing agent. This kind of fire extinguishing agent will not cause chemical reactions during the fire extinguishing process, so it will not cause pollution to the environment, is non-toxic and non-corrosive to the human body, and has good electrical insulation properties.

The working principle of the IG-541 fire extinguishing system is mainly to achieve the purpose of extinguishing fire by reducing the oxygen concentration in the protective zone so that it cannot sustain combustion. When a fire occurs, the system quickly releases IG541 mixed gas, reducing the oxygen concentration in the protective zone from the normal 21% to approximately 12.5%, thereby effectively extinguishing the fire.

The system consists of multiple components, including container, container valve, selector valve, driving device, leak detection device, header pipe, connecting pipe, nozzle, signal feedback device, safety relief device, pressure reducing device, one-way valve, Gas fire extinguishing controller, etc. These components work together to ensure that fire extinguishing agents can be released quickly and accurately to the fire scene.

The IG-541 fire suppression system has many advantages. First of all, it protects the environment because the fire extinguishing agent is composed entirely of natural gas and will not cause pollution to the atmosphere after release. Secondly, it protects life safety, because the IG541 mixed gas is colorless and transparent, and will not form thick fog to affect the field of vision when sprayed, which is conducive to escape. In addition, workers in the protective area can still breathe normally, which facilitates timely fighting and reduction of losses after a fire breaks out. Finally, it protects property safety, because the IG541 mixed gas is stored in the form of compressed gas, and the temperature change is very small when sprayed, which will not cause harm to the protective equipment.

In general, the IG-541 fire extinguishing system is an efficient, environmentally friendly and safe fire extinguishing solution, suitable for various places that require high protection, such as data centers, museums, libraries, etc. However, when using this system, you also need to pay attention to comply with relevant operating procedures and safety standards to ensure the safety of personnel and the normal operation of equipment.

Technical parameter

Model	DMP90/20-XL-306
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 8×6 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.

☎ 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