



## Professional Inert Gas Ig541 Fire Suppression System For Industrial Fire Protection

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Guangzhou Xinlin Firefighting Equipment Co., Ltd.
- Certification: UL, FM, CMA, CNAS, ILAC-MRA, CCC
- Model Number: DMP90/20-XL-02
- Minimum Order Quantity: 3 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

- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Pressure: 20MPa
- Type: Ig541 Fire Suppression System
- Object: Class A, B, C, E Fires
- High Light: DMP90/20-XL-02 Fire Suppression Equipment
- Highlight: Professional Inert Gas Fire Suppression System , ig541 Inert Gas Fire Suppression System



#### More Images



## Product Description



### Main Features

**Good Environmental Protection:** The IG541 fire extinguishing agent is a mixture of nitrogen, argon, and carbon dioxide in the proportion of 52%, 40%, and 8%, which are three basic components of the atmosphere. After use, it returns to nature in its original components. Its ozone depletion potential (ODP) is 0, it has no impact on the Earth's "greenhouse effect", and it does not produce chemicals that have a long-term impact on the atmospheric lifetime.

**High Safety:** It causes no harm to the human body at the specified fire extinguishing concentration, so it is suitable for use in places where people are working. It is non-toxic, colorless, odorless, non-corrosive, and non-conductive. It neither supports combustion nor reacts with most substances.

**High Fire Extinguishing Efficiency:** It can usually extinguish a fire within 40 seconds. It can quickly reduce the oxygen concentration in the protected area to below 12.5% that can support combustion, effectively suppressing the combustion of the flame.

**Long-distance Transportation:** With a relatively high working pressure, it is more suitable for gas fire extinguishing systems for large spaces, long-distance protection, and large-scale use. In the combined distribution mode, it can be connected to a maximum of 8 protected areas.

### Design Requirements

**Area and Volume of the Protected Area:** The area of a protected area should preferably not exceed 800 square meters, and its volume should preferably not exceed 3,600 cubic meters.

**Selection of System Components:** Appropriate fire extinguishing agent storage cylinder groups, nozzles, pipelines, and other system components should be selected according to the specific situation of the protected area to ensure the fire extinguishing effect and reliability of the system.

**Installation of Safety Facilities:** The protected area should be equipped with a relief opening, which is preferably located above two-thirds of the net height of the protected area; the door of the protected area should open in the evacuation direction and be able to close automatically; emergency lighting and evacuation signs should be installed in the protected area.

**Maintenance and Management**

**Routine Inspection:** Regularly check the pressure and appearance of the fire extinguishing agent storage cylinder groups to ensure they are normal; inspect the system's pipelines, valves, nozzles, and other components to see if there are any leaks or blockages; check the function of the automatic fire alarm and extinguishing control system to ensure its normal operation.

**Regular Maintenance:** Conduct a comprehensive inspection and maintenance of the system once a quarter, including cleaning system components and replacing aged or damaged parts; conduct a simulated starting test and a gas injection test once a year to test the performance of the system.

**Fault Handling:** When a fault occurs in the system, it should be promptly investigated and repaired to ensure that the system can be put into normal use when needed.

## Technical parameter

Model	DMP90/20-XL-02
Agent	N <sub>2</sub> ,Ar,CO <sub>2</sub> (proportion52%,40%,8%)
Executive standards	GB25972-2010
Working pressure (20°C)	15MPa
Working pressure temperature	0~50°C
Filling density (20°C)	211.15kg/M <sup>3</sup>
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 Fire Fighting 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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