



IG541 Inert Gas Fire Fighting System Suppression Clean Agent Fire Extinguishing 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-305
- Minimum Order Quantity: 5 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: DMP90/20-XL-305 Fire Suppression Equipment
- Highlight: inert gas fire fighting system, IG541 inert gas fire fighting, inert gas suppression system



IG541 Clean agent fire extinguishing system, fire protection system**Product description**

The IG541 fire extinguishing system produced by Guangzhou Xinlin Firefighting Equipment Co., Ltd. is a mixed gas fire extinguishing system, which mainly consists of nitrogen (N₂), argon (Ar) and carbon dioxide (CO₂) in a specific ratio (52% N₂, 40% Ar and 8% CO₂). This system uses the physical properties of its extinguishing agent to extinguish fires, rather than a chemical reaction. When IG541 gas is released into the fire area, it can quickly reduce the oxygen concentration to a level that cannot sustain combustion, usually reducing the oxygen concentration in the protected area to approximately 12.5%-15%, while increasing the carbon dioxide content to 2% -5%, thus effectively cutting off the contact between the fire source and oxygen to achieve suffocation and fire extinguishing.

Features

Colorless, odorless, non-toxic, non-conductive: will not cause secondary damage to personnel and valuable equipment.
Green and environmentally friendly: The three components of IG541 are all basic components of the atmosphere. After release, there is no residue, no pollution, no damage to the ozone layer (ODP value is zero), and the greenhouse effect is extremely low (GWP value is close to zero).

Efficient fire extinguishing: It can quickly extinguish fires in a short period of time and is suitable for many types of fires, including Class A, B, and C fires (note: classification may vary according to different specifications and regions).

Safe and reliable: It is safe for the human body at the designed concentration and will not cause dangerous situations such as suffocation even if people are temporarily detained.

The IG541 fire extinguishing system is widely used in data centers, communication rooms, libraries, archives, storage rooms and other places that have extremely high safety requirements for equipment and materials. It is also suitable for areas with dense personnel but where safe evacuation must be ensured during fire extinguishing. The system has multiple starting modes such as automatic, manual and mechanical emergency start, ensuring that it can quickly and accurately extinguish fires when a fire occurs.

Technical parameter

Model	DMP90/20-XL-305
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.



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