



20Mpa IG541 Gas Fire Extinguishing System For Electrical Equipment Room

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: DMP80/20-XL-301
- 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: 50000 sets per week



Product Specification

- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Capacity: 70L, 80L, 90L
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Pressure: 15MPa
- Type: Automatic Fire Extinguisher
- Object: Class A, B, C, E Fires
- High Light: DMP80/20-XL-301 Fire Suppression System
- Highlight: **IG541 gas fire extinguishing system,
20Mpa gas fire extinguishing system,
Gas Fire Extinguishing System**

Product Description

20Mpa IG541 gas fire extinguishing system for electrical equipment room

Product description

The IG541 gas fire extinguishing system is a high-performance, environmentally friendly fire extinguishing equipment. The fire extinguishing agent it uses is a mixture of nitrogen (N₂), argon (Ar) and carbon dioxide (CO₂) existing in the atmosphere in a specific proportion. Commonly used The ratio is 52% nitrogen, 40% argon, and 8% carbon dioxide. The fire extinguishing principle of this mixed gas is to achieve suffocation and fire extinguishing by reducing the oxygen concentration in the protective area to a level that is not enough to support combustion (to about 15%), while maintaining enough oxygen for personnel safety in a short period of time. Evacuate.

Environmentally friendly and harmless: IG541 mixed gas is composed of atmospheric components, does not contain chlorofluorocarbons and other harmful substances, has no ozone depletion potential (ODP) and global warming potential (GWP) of the atmosphere, so it is a typical green Environmentally friendly fire extinguishing system.

Safe and reliable: IG541 gas is friendly to people and the environment, does not cause toxic reactions to the human body, does not damage electronic equipment and precision instruments, and can quickly return to the atmospheric state after release, leaving no residue.

Efficient fire extinguishing: IG541 gas can evenly fill the entire protective area in a short time, quickly reduce the oxygen concentration, and effectively prevent the fire from expanding. It is especially suitable for initial fires in enclosed spaces.

Wide range of applications: Due to its physical fire extinguishing properties, the IG541 gas fire extinguishing system is suitable for fighting many types of fires, including Class A (solid substances), Class B (liquid and gaseous fuels), and Class C (electrical equipment) fires.

scenes to be used:

Data centers and communication rooms: Protect important electronic equipment and data storage facilities from fire damage and ensure the continuous operation of information systems.

Libraries, archives and museums: Provide safe and harmless fire protection for precious historical documents, artworks and archival materials.

Control rooms in the chemical, pharmaceutical and petroleum industries: Provide safety protection for areas with dense electrical equipment in flammable and explosive environments.

Transportation facilities and energy power stations: Set up IG541 gas fire extinguishing systems in key operating rooms and electrical equipment rooms to ensure the safety of infrastructure operations.

Confidential departments of financial institutions and government agencies: protect important data and equipment from fire risks.

Technical parameter

Mode I	DMP80/20-XL-301
Agent	N ₂ ,Ar,CO ₂ (proportion52%,40%,8%)
Executive standards	GB25972-2010
Working pressure (20°C)	20MPa
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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