



Supplier Fire Suppression System IG541 Mixed Gas 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: DMP80/15-XL-308
- 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: 150000 sets per week



Product Specification

- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- 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: DMP70/20-XL-306 Fire Suppression Equipment
- Highlight: **Supplier fire suppression system,
IG541 fire suppression system,
IG541 mixed gas fire extinguishing system**

IG541 Inert Gas fire for Fire Suppression System

Product description

The IG541 fire extinguishing system is an environmentally friendly gas fire extinguishing system. It uses IG541 mixed gas composed of nitrogen (N₂), argon (Ar) and carbon dioxide (CO₂) in a ratio of 52%, 40% and 8%. Extinguishing agent. This system is suitable for extinguishing various types of fires, especially in situations where the fire extinguishing agent is required to be non-residue, non-corrosive, non-toxic, and non-affecting precision electronic equipment, such as data centers, communication rooms, libraries, archives, and valuables Storage rooms and other places.

The working principle of the IG541 fire extinguishing system is based on the suffocation fire extinguishing method, that is, when a fire occurs, the fire extinguishing agent is released into the protected space to quickly reduce the oxygen concentration to below 12.5% to 15%. This concentration is not enough to support the continuation of the combustion reaction. carried out to achieve the purpose of extinguishing the fire. At the same time, the increased carbon dioxide in the IG541 mixed gas can also stimulate the human body's respiratory center, prompting personnel to speed up their breathing rate in a low-oxygen environment, increase blood oxygen saturation, and ensure the safety of personnel in a short period of time.

The system design also includes a series of detection and alarm equipment, control units, fire extinguishing agent storage containers, piping systems, release valves, safety pressure relief devices and other components to ensure that fire extinguishing agents can be delivered accurately and quickly when a fire occurs. Fire areas, while taking into account the safety needs of personnel evacuation.

In general, the IG541 fire extinguishing system has been widely used and respected in today's fire protection industry because of its high fire extinguishing efficiency, environmental protection, harmlessness, and safety for equipment and personnel.

Technical parameter

Model	DMP80/15-XL-308
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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