



Ig 100 Inert Gas Fire Suppression System Extinguishing 70L / 20MPa For Computer Room

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: ISO9001,CE,QMS,CCCF,CNAS
- Model Number: DMP70/20-XL-49
- Minimum Order Quantity: 2set 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: 30000 sets per week



Product Specification

- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Capacity: 70L, 80L, 90L
- Shipping Way: By Sea
- Company Type: Manufacturer Over 10-Years
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Pressure: 15MPa
- Agent: Nitrogen
- Type: Automatic Fire Extinguisher
- Object: Class A, B, C, E Fires
- High Light: Ig100 Fire System Extinguisher 70L / 20MPa | Customized Request
- Highlight: **ig 100 inert gas Fire Suppression System, inert gas Fire Suppression System 70L, IG-100 inert gas fire extinguishing system**



Product Description

Product description

Factory IG100 Fire System Extinguisher 70L / 20MPa for Computer Room

The IG100 nitrogen fire extinguishing system uses pure nitrogen completely from the atmosphere as a fire extinguishing agent, with zero ozone depletion potential and no adverse impact on the environment. Nitrogen is colorless. Odorless. Non-toxic, not only harmless to the human body, but also in the fire extinguishing process does not produce any chemical substances, will not cause secondary pollution to the equipment, no dew phenomenon when spraying, can ensure the orderly and safe separation of personnel.

The relative air ratio of IG100 is 0.97. Maintain the constant extinguishing concentration after the release of the protected area to ensure the fire extinguishing effect and effectively prevent reignition. IG100 nitrogen fire extinguishing agent is one of the new halon alternatives, environmentally friendly. The characteristics of high efficiency have been widely recognized in the world, and are widely used in various fire sites. Compared with other commonly used halon alternatives such as heptafluoropropane and carbon dioxide, nitrogen has great application prospects.

The fire extinguishing principle of IG100 gas is mainly to reduce the oxygen concentration (less than 15%) to achieve fire extinguishing without supporting combustion. The fire extinguishing mechanism is to dilute the oxygen in the combustion zone to achieve the purpose of asphyxiation. The proportion of IG100 relative to air is 0.97, so that it can maintain a constant fire extinguishing concentration after release in the protected area, so as to ensure the fire extinguishing effect and effectively prevent reignition.

Technical parameter

Model	QMD20/70-XL-49
Agent	N2
Executive standards	GB25972-2010
Working pressure (20°C)	20MPa
Working pressure temperature	0~50°C
Filling density (20°C)	178.125kg/M ³
Maximum working pressure(50°C)	17.2MPa
Fire extinguishing methods	Total flooding
Starting Method	Automatic, pneumatic, and mechanical emergency operations
Spraying time	≤60S
Drive bottle group pressure	6Mpa

IG100 fire extinguishing system Features

- (1) Compared with the traditional 15MPa system, the number of fire extinguishing agent bottles can be saved by 25%-50%.
- (2) Effectively reduce the construction area of the cylinder room, and improve the overall use value and utilization rate of the building.
- (3) Constant low pressure release of 6MPa reduces the cost of pipe distribution and components of the entire system.
- (4) A constant release pressure of 6MPa provides a more durable and effective pressure, and the transmission distance can reach 200 meters.
- (5) Low pressure release of the overall system, less impact on site personnel, equipment and building structure, and more safe.
- (6) The external constant pressure reducer is only under pressure when the system is discharged, which is convenient for disassembly and maintenance, and effectively reduces the system failure rate.
- (7) After the system is discharged, there is no need to replace any parts, simple disassembly and secondary charging, and the system can be quickly put into operation.
- (8) Reduce the opening area of the gas pressure relief port, directly reduce the input cost of the safety pressure relief device, and more simply install and arrange the safety buckle.
- (9) Nitrogen fire extinguishing system can be widely used in the need to make a rapid response to the fire, there are on-site staff in the protected area, sudden fires and important places sensitive to chemical reactions, effectively protect the safety of personnel and property.

IG100 gas fire extinguishing system application scope

IG100 gas fire extinguishing equipment is mainly used in computer room, communication room, control room, valuable equipment room, cultural relics data collection, library and archive, data storage room, generator room, oil-immersed transformer room, transformer room, circuit breaker, circulation equipment, hydraulic equipment, drying equipment, dust removal equipment, painting production line and other places or equipment fire protection.

IG100 gas fire extinguishing system technical parameters

IG100 is the main component of the air, ozone loss potential value ODP=0, greenhouse effect potential value GWP=0, atmospheric life time is zero, without any adverse impact on the environment. IG100 colorless, tasteless, non-toxic, not only harmless to the human body, but also in the fire extinguishing process does not produce any chemical substances, will not cause secondary pollution to the equipment, no atomization phenomenon when sprayed, no harm to the field of vision, to ensure the orderly and safe evacuation of personnel.



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.

☎ 189-3396-3312

✉ shirley@gas-firesuppression.com

🌐 gas-firesuppression.com

Factory Building in Pozhong (Local Name), Dongzhou Village, Xintang Town, Zengcheng District, Guangzhou,

