



Eco-Friendly IG100 Nitrogen Extinguishing System For Sensitive Environments

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: DMP90/15-XL-201
- Minimum Order Quantity: 10set 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 unit



Product Specification

- Power Source: Gas Fire Extinguisher
- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Capacity: 70L, 80L, 90L
- 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: DMP90/15-XL-201 Gas Fire Suppression
- Highlight: **IG100 Nitrogen Extinguishing System, Eco-Friendly IG100 Nitrogen Extinguishing System**



Product Description

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Product Introduction

The IG100 gas fire extinguishing system uses nitrogen, which makes up 78% of the atmosphere, as its extinguishing agent. Its principle is to reduce oxygen concentration to below 15%, thereby suffocating the fire. This ensures both environmental protection and high fire extinguishing efficiency. Nitrogen is widely available and inexpensive to refill.

Features of the IG100 Fire Extinguishing System

1. Small footprint: Compared to traditional 15MPa systems, this system reduces the number of fire extinguishing agent cylinders by 25%-50%.
2. Low cost: The constant 6MPa low-pressure release reduces the cost of piping and components for the entire system. After discharge, no parts need to be replaced; simply disassemble and refill the system for quick operation.
3. Long transmission distance: The constant 6MPa release pressure provides more sustained and effective pressure, with a transmission distance of up to 200 meters.
4. Safer and more stable: The system's low-pressure release minimizes impact on personnel, equipment, and building structures, resulting in greater safety.

Technical parameter

IG100 Gas fire extinguishing system implementation standards			
Operating ambient temperature		0 +50	
Work pressure	Storage pressure	15.0 MPa	20MPa
	Maximum working pressure(+50)	17.2 MPa	23.2MPa
System operating voltage		220V AC, 24V DC	
System startup method		Electrical automatic, electrical manual, mechanical emergency start	
Executive standards		GB25972-2010	
Spraying time		≤60S	
Agent		N2	

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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