

Inergen Ig541 Inert Gas Fire Suppression System 70L 80L 90L 120L 37.5% Extinguishing Concentration

Our Product Introduction

Basic Information

- Place of Origin: Guangzhou, GuangDong, China
- Brand Name: RUIGANG
- Certification: CCC/ISO9001/ISO14001/ISO10012/ISO45001
- Model Number: QMH15/70RG,QMH15/80RG,QMH15/90RG,QMH15/120RG
- Minimum Order Quantity: 1set system
- Price: negotiation
- Packaging Details: Plywood outer box with bubble bag or pape
- Delivery Time: 15~20 working days
- Payment Terms: L/C, T/T
- Supply Ability: 30000 sets per month



Product Specification

- Products Name: IG-541 Fire Suppression System
- Capacity: 70L/80L/90L/120L
- Max Working Pressure: 17.2MPa
- Storage Pressure: 15MPa
- Operating Temperature: 0-50°C
- Color: Red
- Environmental: Environmentally Friendly
- Durability: High Durability
- Gas Type: IG541 Inert Gas 52% Nitrogen, 40% Argon, 8% Carbon Dioxide
- Min Extinguishing Concentration: 37.5% Extinguishing Concentration
- Highlight: 70l ig541 gas, 70l inergen ig541 , 80l ig541 gas

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Product Description

IG-541 High Safety Inert Gas fire suppression system without pollution

IG-541 Inert Gas Fire Suppression System



The IG-541 Inert Gas Fire Suppression System is a highly effective and environmentally friendly solution for fire prevention and protection. It utilizes inert gases to quickly and effectively suppress fires, making it a safe and reliable choice for a wide range of applications.

IG-541 is an inert fire extinguishing agent composed of Nitrogen, Argon and Carbon Dioxide, which is safe, colorless, odorless, electrically non-conductive and environmental. When discharging, IG-541 is quickly and uniformly distributed in the protected enclosure, achieving designed fire extinguishing concentration within 60 seconds and suppressing fire by reducing the oxygen concentration. With no atmospheric lifetime, zero ODP and zero GWP IG-541 is a completely green system.

Product Overview

The IG541 Fire Suppression System utilizes Inert Gas Fire Suppression Equipment to extinguish fires without causing any harm to people or the environment. The system is designed to automatically or manually start, depending on the specific needs of the environment.

When activated, the system releases a mixture of Carbon dioxide, nitrogen and argon gases, known as IG541 Inert Gas Fire Suppression System, into the protected area. These gases work together to quickly reduce the oxygen levels in the air, effectively smothering the fire and preventing it from spreading.

Actuation

The IG541 Fire Suppression System can be activated either automatically or manually. In automatic mode, the system is connected to a fire detection and alarm system, which will trigger the release of the gases when a fire is detected. In manual mode, the system can be activated by a person using a control panel.

Work pressure

The minimum working pressure of IG541 fire extinguishing system is 13.6 MPa and the working pressure is 15MPa. This ensures that the system releases a sufficient amount of gas to effectively extinguish the fire and prevent reignition.

Reliability

The IG541 Fire Suppression System is known for its high reliability and effectiveness in extinguishing fires. It has been extensively tested and proven to be an efficient and safe fire protection solution. It is also designed to minimize any potential damage to the protected area, ensuring minimal downtime and cost.

In conclusion, the IG541 Inert Gas Fire Suppression System is a top-of-the-line fire protection solution that offers fast, efficient, and environmentally friendly fire suppression. Its advanced technology and customizable options make it a popular choice for various industries, making it a must-have for any fire safety plan.



Technical Parameter

Production Name	IG541 Inert Gas Fire Suppression System			
Capacity	70	80	90	120
Weight of agent	14.78kg	16.89kg	19kg	25.34kg
Outside Diameter of Cylinder	$\phi 267 \pm 10 \text{mm}$	$\phi 279 \pm 10 \text{mm}$	$\phi 325 \pm 10 \text{mm}$	$\phi 325 \pm 10 \text{mm}$
Height of Cylinder	$1530 \pm 10 \text{mm}$	$1610 \pm 10 \text{mm}$	$1370 \pm 10 \text{mm}$	$1720 \pm 10 \text{mm}$
Working pressure	15 MPa			
Working temperature	0~50℃			
Discharge time	≤60 S			
Safety concentration	≤43%			
Min.extinguishing concentration	37.5%			

Application

Electric utilities
Air traffic centers
Financial networks

Telecommunication
Medical equipment
Museums and libraries
Data and server rooms
Flammable liquid storage

Packaging and Shipping

Inert Gas Fire Suppression System is carefully packaged to ensure safe delivery and protection from damage during transportation.

The system is first placed in a sturdy cardboard box.
It is then wrapped with bubble wrap to provide extra cushioning.
The box is sealed with strong tape to prevent any tampering.
For international shipping, the box is placed in a wooden crate for added protection.

We work with reputable shipping carriers to ensure timely and secure delivery of our products.

Once the package is shipped, we will provide a tracking number so you can monitor the status of your delivery.

For any questions or concerns regarding packaging and shipping, please contact our customer service team.



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