



Ig541 Fire Suppression System N2 Pipe Line Fire Extinguisher for Server Room

Basic Information

- Certification: CCCF, ISO



Product Specification

- Model NO.: XL-119
- Size: 80L
- Portable Extinguisher: FM200 Gas Fire Extinguisher
- Effective Range: 4.5m
- Retirement Life: 10 Years
- Power Source: Gas Fire Extinguisher
- Pressure: 20MPa
- Maximum Working Pressure: 17.2MPa
- Color: Red
- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Application: Indoor
- Capacity: 70L, 80L, 90L
- Shipping Way: By Sea
- Company Type: Manufacturer Over 10 Years

Product Description

Company

Profile



Our company introduction

Guangzhou Xinlin Fire Equipment Co., Ltd. is a manufacturing enterprise specializing in gas fire extinguishing systems and fire equipment. The company is located in Xintang Town, known as the hub of the eastern part of Guangzhou. Established in 2017, with a registered capital of 5 million yuan, it is a high-tech company that integrates research and development, design, production, engineering construction, and after-sales maintenance. The company is composed of a marketing and a senior technical team that with over 10 years of experience in the fire industry. Our company's main products include: cabinet FM200 fire extinguishing devices, pipeline network FM200 fire extinguishing systems, IG541 gas fire extinguishing systems, IG100 nitrogen fire extinguishing systems, perfluorohexane fire extinguishing devices, etc. And our company provides customized gas fire protection overall solutions and scheme design and pipeline network renovation.

PRODUCTION CUSTOMIZATION PROCESS

Customized process Source manufacturer Professional technical team



Note: If the buyer's country requires special qualifications, certificates, etc., please communicate with the business manager. Thank you!

Product Description

Mixed gas fire extinguishing system

IG541

GAS FIRE EXTINGUISHING SYSTEM

Colorless and odorless, non-conductive,
non corrosive, and environmentally friendly
No decomposition products during the fire extinguishing process



QIANTU
DENG

Clean gas

Colorless and non-toxic

Not damaging equipment

Good electrical insulation, no harm to personnel at the scene of a fire, It can be started in automatically, manually or mechanical emergency mode according to the needs of different occasions.



IG541 FIRE EXTINGUISHING SYSTEM MIXED GAS EXTINGUISHING AGENT



The IG541 mixed gas fire extinguishing system generally consists of a mixture of 52% nitrogen, 40% argon, and 8% carbon dioxide, with a lower cost than HFC-227ea. After spraying, it will not cause a sharp drop in temperature in the protective zone, and will not cause any harm to precision equipment and other precious properties.



MULTI ZONE PROTECTION

The conveying distance can reach over 150m

According to usage requirements, the IG541 fire extinguishing system can form a unit independent system and a combined distribution system, using a fully submerged method to achieve fire protection for a single protection zone and multiple protection zones, The system has high storage pressure, and the distance from the steel cylinder to the nozzle can reach over 150M



Product Parameters

Model	XL-119
Agent	N ₂ ,Ar,C0 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

Applicatio
n 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

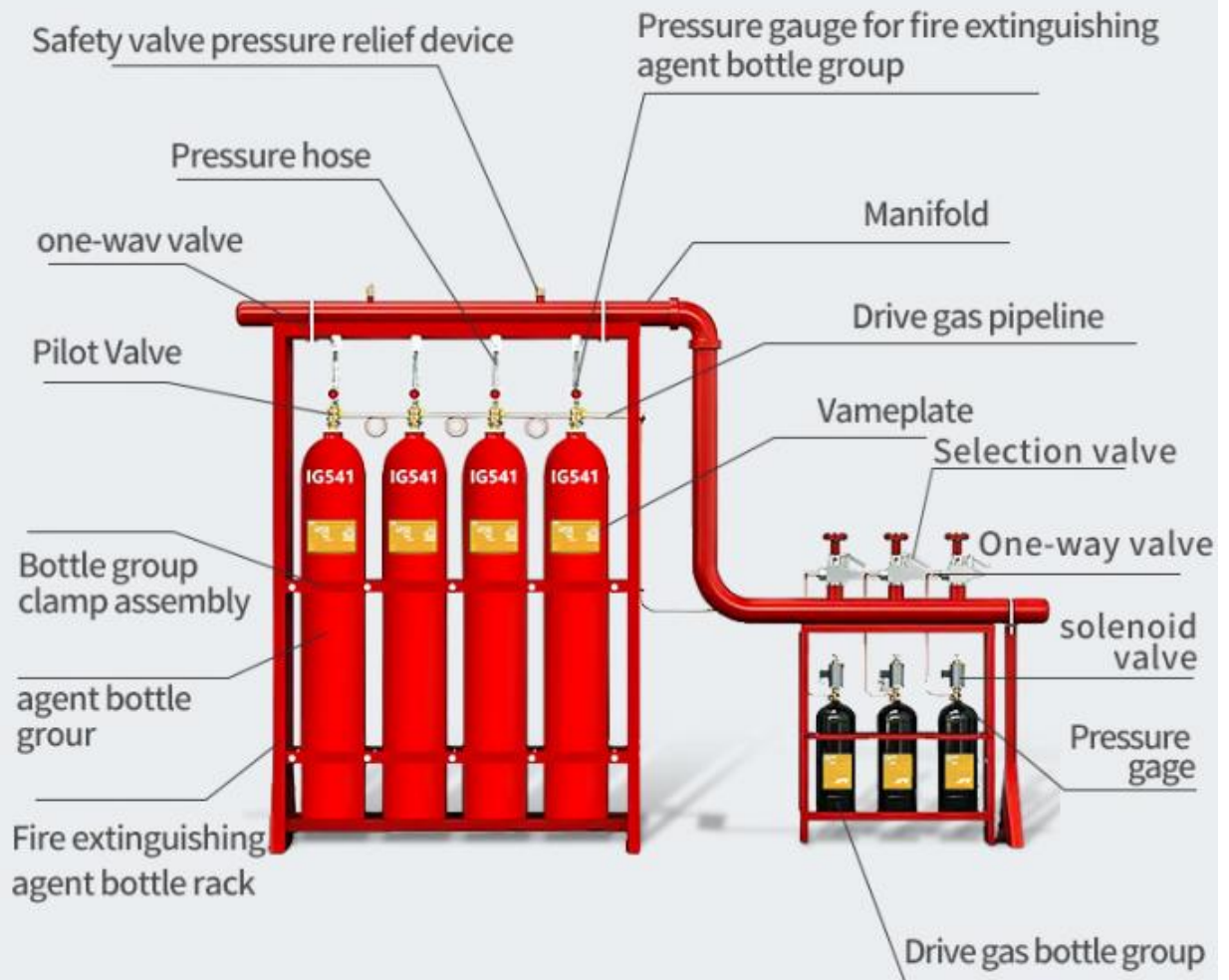
SYSTEM
COMPOSITION

System composition

IG541 fire extinguishing system



SYSTEM COMPOSITION





Regarding pressure instructions:

The necessity of the existence of two models, 15MPa and 20MPa
The IG541 bottle group usually uses a 15MPa air pressure, but the disadvantage is that the amount of filling agent is small, so the required bottle group quantities relatively large and the cost is high.
The 20MPa high-pressure bottle group has a relatively large amount of reagent filling, fewer bottle groups are used, and the cost and space occupation are relatively low.

Application

CLEAN GAS COLORLESS AND ODORLESS

QUICKLY EXTINGUISHING FOUR TYPES OF INITIAL FIRES

Ultra strong fire extinguishing practicality

Safe and clean, quick to extinguish fires, capable of quickly extinguishing Class A, B, C, and E fires



A

soild fire

Soild surface fire



B

Liquid fire

Liquid fire or melted soild fire



C

Gasre

Gas fire that can cut off the gas source

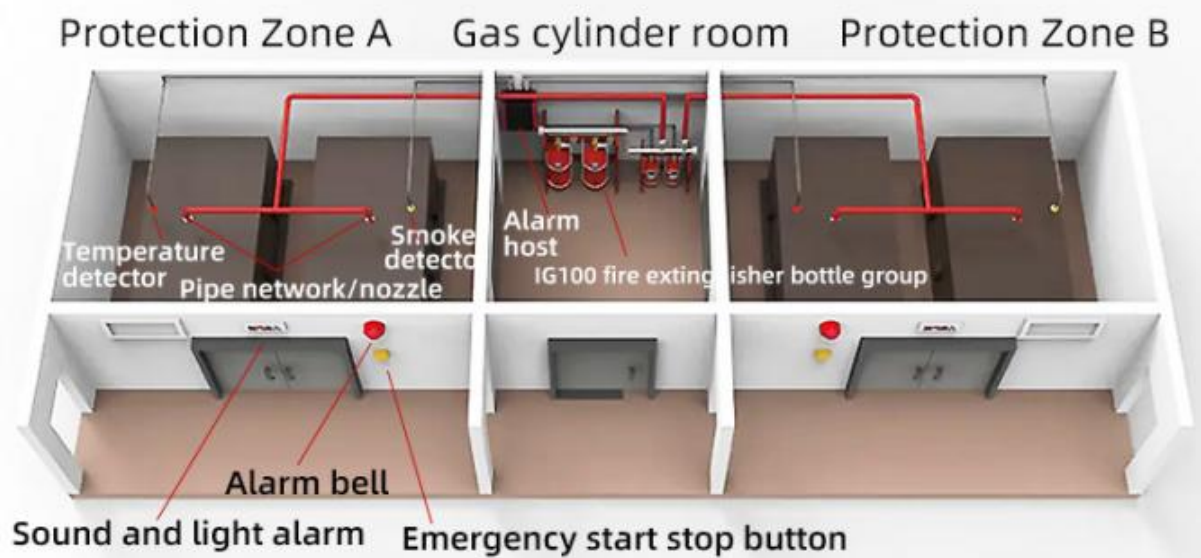


E

Live equipment fire

Gas fire that can cut off the gas source

Application Scenario



WIDE APPLICATION RANGE

Library, archives, treasure trove, computer room, telecommunications center, communication room, testing center medical precision instrument room, etc., distribution room, power supply room, oil depot, oil storage room, transformation and distribution room, electrical old painting room, painting line, painting room, garage, ship hold, chemical flammable material warehouse impregnation oil tank, etc



Date room



Library



laboratory



Precision
Instrument Room



Museum



Power distribution
room

Packaging &
Shipping

PRODUCT PACKAGING PROCESS

Provide specialized packaging services based on different products, using wooden boxes for packaging and external wooden frames for reinforcement to ensure transportation safety

• LAYER BY LAYER PROTECTION INSTALLED IN PLACE

Tips: The packaging method needs to be determined based on the product, and the actual product shall prevail



Wooden box reinforcement



Gas cylinder packaging



Loading gas cylinders into wooden boxes



Reinforced wooden frame



Sealing and packaging



logistics transportation

Our
Advantages

ACCUMULATED SERVICE TO OVER **6000+** ENTERPRISE UNITS

partial engineering

government

School

Hospital

Bank

Power Grid

Transportation

Communication

Commercial and
Real Estate



New Guangdong
Museum



The First Affiliated Hospital of
Sun Yat-sen University



Sun Yat-sen University
Gymnasium



Fuzhou University



Shenzhen Longgang
Central Hospital



Hubei Cancer
Hospital (HBCH)



Tianjin International
financial center



China Railway
14th Bureau Group



China Southern
Airlines



Sanya Institute
of Oceanography,
Ocean University of China



Industrial and
Commercial Bank
of China



Bank of China



Fogang Power
Supply Bureau of
Guangdong Power Grid



China Telecom



Pearl River Tower

PREFECT PRODUCTION PROCESS FLOW

Choose a brand manufacturer, be more confident in specifying and fill the medication in sufficient quantities
production process



► COMPONENT DETECTION



► CLEANING AND DRYING



► STEEL CYLINDER ASSEMBLY



► VACUUM DISPLACEMENT



► AIRTIGHTNESS EXPERIMENT



► AGENT FILLING



► SECONDARY AIRTIGHTNESS



► DETECTION ACKAGING



► LDETECTION ACKAGING

PRODUCT CERTIFICATE

- The product has obtained multiple quality certifications



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