



120L Pipe Network Type FM200 Hfc-227ea Clean Agent For Data Room

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: ISO9001,CE,QMS,CCCF,CNAS
- Model Number: 90L,100L, 120L, 150L
- Minimum Order Quantity: 3set 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, T/T
- Supply Ability: 38000 sets per week



Product Specification

- Alias: FM200,hfc-227ea,heptafluoropropane
- Storage Pressure: 4.2MPa
- Max Working Pressure: 5.3MPa
- Fire Extinguishing Methods: Total Flooding
- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Power: DC24V/1.6A
- Company Type: Manufacturer Over 10-Years
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Supply Ability: 20000
- Object: Class A, B, C, E Fires
- Highlight: hfc-227ea clean agent, hfc-227ea agent, hfc 227ea gas

APPLICATION AREA

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.



Data room



Library



laboratory



Precision Instrument Room



Museum



Power distribution room

Product description**120L Pipe Network Type FM200 fire suppression system for Data Room**

The externally pressurized HFC-227ea fire extinguishing system is a highly efficient gas-based fire suppression equipment, designed primarily to safeguard critical premises and high-value assets against the threat of fires. The core principle of this apparatus involves storing the clean agent, HFC-227ea, in a dedicated container, with an independent storage pressure source, such as nitrogen or other inert gases, providing additional pressure for a rapid and precise release of the extinguishing agent into the protected area during a fire event.

Its main features include:

1. High extinguishing efficiency: FM200 is a colorless, odorless, non-conductive clean agent with zero ozone depletion potential (ODP), making it effective in quickly extinguishing Class A, B, C fires, as well as electrical fires.
 2. Safe and reliable storage: With its externally pressurized design, the system ensures stable output of the extinguishing agent under various environmental conditions, effectively preventing issues related to inadequate internal pressure caused by temperature fluctuations.
 3. Flexible operation: It can be custom-designed according to the specific requirements of different protected areas, offering multiple activation methods including automatic control, manual control, and mechanical emergency operation.
- This type of fire extinguishing system is widely used in facilities and locations such as data centers, telecommunication rooms, libraries, archives, and substations.

Technical parameter

Model	QMP120/4.2W-XL
Executive standards	Q/GZXL001-2021
Storage pressure	4.2Mpa(+20°C)
Filling density	$\leq 1250\text{kg/M}^3$
Maximum working pressure	5.3Mpa(+50°C)
System spray time	Computer room $\leq 8\text{S}$, Others $\leq 10\text{S}$
Fire extinguishing methods	Total flooding
Fire extinguishing design concentration	8-10%
Starting Method	Automatic, pneumatic, manual mechanical emergency start
Fire extinguishing method	Fully submerged fire extinguishing



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.

Frequently Asked Questions

Q1: Are you a manufacturer or a trading company?

A1: We are a professional manufacturer specializing in gas fire suppression systems.

Q2: Do you offer OEM products?

A2: Yes, we welcome your own designs and drawings.

Q3: Where is your factory located?

A3: Our factory is situated in the East Lake Industrial Park of XinTang Town, Zengcheng District, Guangzhou City, Guangdong Province, China.

Q4: How can I get to your factory?

A4: Due to convenient transportation, you can reach us by taxi or by subway. If taking the subway, please take Line 13 to Shacun Station. Before disembarking, kindly inform us in advance, and we will arrange for a comfortable business van to pick you up from there.



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