



## FM200 Clean Agents Extinguishing Fires Solution Data Centres Agent Fire

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Guangzhou Xinlin Firefighting Equipment Co., Ltd.
- Certification: ISO9001,UL,FM,CE,CCCF,CNAS,QMS
- Model Number: 40L 70L 90L 100L 120L 150` 180L
- Minimum Order Quantity: 10tons
- 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: 50000 stons per month



### Product Specification

- Model: HJ100L-2.5/01-XL-31
- Cylinder Material: Steel Material
- Use: Fire Fighting
- High Light: 1.6/2.5/4.2 / 5.6MPa Cylinder
- Color: Colorless
- Specification: FM200 Clean Agent
- Molecular Weight: 170.03 G/mol
- Body Material: FM200/Novec1230/IG541/IG100gas
- Company Type: Manufacturer Over 10-Years
- Quality Index Purity:  $\geq 99.9\%$
- Form: Liquid
- Purity:  $99.9\% \geq$
- Gas Number: 431-89-0
- Evaporation Residue:  $\leq 0.0001\%$
- Highlight: Data Centres FM200 Clean Agents.



### Product Description

Our Product Int



#### Product Details

##### High Light: Fire Protection FM200 Clean Agents , Industrial FM200 Clean Agents

Melting Point:	-126°C	Transport Package:	Plywood Outer Box With Bubble Bag Or	
Flammability:	Non-Flammable	MF:	C3HF7	
Fire Class:	A,B,C	Name:	FM200 Clean Agents	
Critical Pressure:	3.722Mpa	Composition:	HFC-227ea/FM200	

#### Product core

FM200 (HFC-227ea), an advanced fire-extinguishing medium, has excellent cleanliness and low impact on the environment. With its excellent fire-extinguishing performance and low damage to protected items, it is widely used in various high-value and inseparable fire-extinguishing media. Protective place for alternative property.

#### Product Description

##### Product Description:

FM200, also known as heptafluoropropane (HFP), is a colourless, odourless gas that is used as a clean agent fire suppressant. It is a hydrofluorocarbon (HFC), which does not deplete the ozone layer and has a low global warming potential. FM200 is a popular choice for fire suppression in areas where water damage would be highly undesirable, such as data centres, telecommunications rooms, and medical facilities.

FM200 works by extinguishing fires through a combination of chemical and physical mechanisms. When FM200 is discharged, it floods the protected area and interrupts the combustion process by absorbing heat and free radicals, which are highly reactive molecules that facilitate chemical reactions in fires. This reduces the amount of fuel available for combustion and effectively extinguishes the fire.

In addition to its fire suppression capabilities, FM200 is also highly effective at preventing re-ignition and minimising damage to property and equipment. It does not leave any residue or displace oxygen, making it safe for use in occupied areas.

FM200 clean agents are often used in conjunction with fire detection and alarm systems to provide a comprehensive fire protection solution. These systems are designed to detect fires early and activate the FM200 suppression system, allowing for rapid extinguishment and maximum protection of assets and personnel.

##### Technical Parameters:

Transport Package	Plywood Outer Box With Bubble Bag Or Paper
Place of Origin	Guangzhou, Guangdong, China
Melting Point	-126°C
Name	FM200 Clean Agents
MF	C3HF7
Fire Class	A,B,C
Form	Liquid
Flammability	Non-Flammable
Boiling Point	-16.5
Fire Extinguishing Agents	FM200 Clean Agents

## Product Features

FM200 gas fire extinguishing cylinder is carefully made of high-strength steel. The refillable heptafluoropropane fire extinguishing agent inside is a colorless, odorless, non-corrosive and non-conductive gas at room temperature. When a fire occurs, it can quickly vaporize in a short time. And evenly distributed in the protective area, through the dual mechanism of absorbing heat, cooling and interrupting the combustion chain reaction, it can achieve rapid and effective fire extinguishing effects.

FM200 Clean Agents - Fire Extinguishing Solution

Brand Name: Guangzhou Xinlin Fire Equipment Co.,Ltd.

Model Number: fm200 extinguishant

Place of Origin: Guangzhou, Guangdong, China

Melting Point: -126°C

Name: FM200 Clean Agents

Classification: Halocarbon

Form: Liquid

Transport Package: Plywood Outer Box With Bubble Bag Or Paper

FM200 Clean Agents, also known as FM200 extinguishant, is a highly effective fire extinguishing solution produced by Guangzhou Xingjin Fire Equipment Co.,Ltd. It is a halocarbon-based agent that can quickly and safely extinguish fires without leaving any residue or damaging the environment.

## Applications:

FM200 Clean Agents are suitable for a wide range of applications and scenarios, including:

- Computer rooms and data centers: FM200 can effectively extinguish fires in sensitive areas where water or traditional fire extinguishing agents may cause damage to electronic equipment.
- Telecommunication facilities: With its non-conductive properties, FM200 is an ideal solution for extinguishing fires in telecommunication facilities and equipment.
- Industrial facilities: FM200 can be used in various industrial settings, such as manufacturing plants, chemical storage areas, and power generation facilities.
- Server rooms and control rooms: FM200 is a clean agent that does not leave any residue, making it suitable for protecting server rooms and control rooms where downtime and equipment damage can result in significant financial losses.
- Heritage buildings and museums: FM200 is a non-toxic and non-corrosive agent, making it safe to use in heritage buildings and museums to protect valuable artifacts and historical documents.

FM200 Clean Agents can also be used in scenarios where traditional water-based fire extinguishing systems are not suitable, such as in areas with sensitive equipment or materials, or in locations where water damage can be costly.

Product Features

FM200 Clean Agents have the following key features:

- Highly effective in extinguishing fires: FM200 can quickly extinguish fires by removing heat from the fire triangle, effectively suppressing the flames.
- Non-toxic and non-corrosive: FM200 is a clean agent that does not leave any residue or harmful by-products, making it safe for use in occupied spaces and around sensitive equipment.
- Environmentally friendly: FM200 has zero ozone depletion potential and a short atmospheric lifetime, making it an environmentally-friendly fire extinguishing solution.
- Easy to transport and use: FM200 is available in liquid form, making it easy to transport and install in different locations.
- Cost-effective: With its fast extinguishing capabilities and minimal clean-up requirements, FM200 can help reduce downtime and financial losses in the event of a fire.

Choose FM200 Clean Agents from Guangzhou Xingjin Fire Equipment Co.,Ltd. for a reliable and efficient fire extinguishing solution that can protect your property, equipment, and people from the devastating effects of fire.

## Packing and Shipping:

FM200 Clean Agents Packaging and Shipping

FM200 Clean Agents are packaged in durable steel cylinders with a capacity of 20lbs, 35lbs, or 50lbs. The cylinders are painted with a red finish and labeled with the product name, weight, and safety instructions. Each cylinder is securely sealed with a tamper-proof cap to ensure the integrity of the product during shipping and storage.

To ensure the safe and timely delivery of FM200 Clean Agents, we use trusted shipping companies that specialize in hazardous materials. The cylinders are carefully loaded onto specialized vehicles equipped with the necessary safety features for transporting hazardous materials.

When shipping internationally, all necessary customs and safety regulations are followed to ensure the smooth delivery of our products. Our packaging and shipping process is designed to meet all legal requirements and ensure the safety of our customers and the environment.



In summary, FM200 gas fire extinguishing cylinder has become a key component of the modern fire safety system due to its high performance, environmental protection and adaptability. The FM200 gas fire extinguishing system we provide not only strictly follows relevant domestic and foreign standards, but also undergoes multiple quality inspections and authoritative certifications to ensure the safety and reliability of every link. No matter what kind of special environment you are in, choosing FM200 gas fire extinguishing system is your ideal choice to protect the safety of your property. If you need further information about product details or seek professional customized services, please feel free to contact us at Guangzhou Xinlin Firefighting Equipment Co., Ltd.



#### 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 FM200 extinguishers (ceiling-mounted), 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.

#### Customization:

Guangzhou Xinlin Fire fighting Equipment Co.,Ltd. offers a wide range of FM200 Cylinder with various models such as 40L/70L/90L/100L/120L/150L/180L for customers to choose from. The product is made from high-quality materials and is easy to install and use. It is designed to store gaseous fire extinguishing agents such as FM200, Hfc-227ea, Novec 1230, etc. and can work in temperatures ranging from 0°C to +50°C. The product is not only highly durable but also provides high-quality gaseous fire cylinder solutions for customers.

#### 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.



**Guangzhou Xinlin Fire Fighting Equipment Co., Ltd.**



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