



## 4.2MPa Long-Distance Pipe Network Advanced External Pressurization HFC-227ea System

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Xinlin
- Certification: ISO9001, CE, QMS, CCCF, CNAS
- Model Number: QMQ4.2/100W-XL
- Minimum Order Quantity: 100set
- 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: 100000 sets per week



#### Product Specification

- Specification: FM200 Clean Agent
- Cylinder Volume: 100L, 120L, 150L, 180L
- Storage Pressure: 4.2Mpa
- Extinguisher Class: Class A, B, C Fires
- System Power Supply: AC 220V DC 24V
- Application: Data Centers, Server Rooms, Telecommunication Facilities
- Type: Pipeline
- Pattern Of Extinguishing: Enclosed Flooding



## Product Description

### 4.2MPa Long-Distance Pipe Network Advanced External Pressurization HFC-227ea System

#### Description:

Clean Agent Fire extinguishing systems utilizes FM-200 as extinguishing gas. FM-200 has numerous features which makes it suitable as one of the most preferable halon replacement agent.

- 1.Colorless and non-toxic gas, suitable for normally occupied areas
- 2.Perfectly suited to protect high value assets areas like telecommunication room, control rooms etc
- 3.Electrically non-conductive and contains no particle or residue
- 4.Suitable for Class A , Class B and Class C fire
- 5.Extinguish fires rapidly

#### Technical parameter

Physical properties	Unit	Value
Volume Of Cylinder	L	90/100/120/150
Filling Density	Kg/m <sup>3</sup>	≤950
Fire Extinguishing Design Concentration		8-10
Working Temperature Range	°C	0-50
Spraying Time		Computer Room 8s,others≤10s
working pressure	Mpa	4.2
Pattern Of Extinguishing		Enclosed Flooding

#### Advantages:

**Rapid Suppression:** This is arguably FM-200's most significant benefit. Fires are extinguished within a mere 10 seconds of discharge. This lightning-fast response minimizes damage, reduces the spread of fire, and significantly limits the exposure of sensitive equipment to heat and smoke, which can cause irreparable harm even without direct flame contact. The quicker the fire is out, the less collateral damage you're looking at.

**No Residue or Cleanup:** Unlike water, foam, or dry chemical extinguishers that leave behind messy, corrosive, or conductive residues, FM-200 is a clean agent. Upon discharge, it simply turns into a gas and dissipates, leaving no cleanup required. This is critical for data centers, museums, and other facilities where secondary damage from suppression agents would be as devastating as the fire itself. You can be back up and running almost immediately after ventilation.

**Electrically Non-Conductive:** FM-200 will not conduct electricity. This characteristic makes it exceptionally safe for use in areas with energized electrical equipment, like server racks or control panels. There's no risk of short circuits or further electrical damage during suppression, which is a common concern with water-based systems.

**Occupant Safety:** When designed and installed correctly, following strict standards like NFPA 2001, FM-200 is safe for use in normally occupied areas. Its low toxicity means that even if individuals are present during a discharge (after receiving pre-discharge warnings and having time to evacuate), they are not subjected to dangerous levels of harmful chemicals. The design concentration is well below the No Observed Adverse Effect Level (NOAEL) for human exposure.

#### 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.



### 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.**



189-3396-3312



shirley@gas-firesuppression.com



gas-firesuppression.com

Factory Building in Pozhong (Local Name), Dongzhou Village, Xintang Town, Zengcheng District, Guangzhou, Guangdong, China