

## NQMQ 4.2MPa FM200 Automatic Fire Extinguishing System Inergen Gas System

Our Product Introduction

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### Basic Information

- Place of Origin: Guangzhou, GuangDong, China
- Brand Name: RUIGANG
- Certification: CCC/ISO9001/ISO14001/ISO10012/ISO45001
- Model Number: QMP70/4.2RG, QMP90/4.2RG, QMP100/4.2RG, QMP120/4.2RG, QMP150/4.2RG, QMP180/4.2RG
- 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

- Cylinder Volume: 70L 100L 120L 150L 180L
- Specifications Storage Pressure: 4.2MPa
- Working Temperature: 0°C ~ +50°C
- Starting Mode: Automatic, Electrical Manual, Mechanical Manual
- System Power Supply: DC 24V 1.6A
- Maximum Working Pressure: 5.3MPa
- Spraying Time: ≤10s
- Protected Zone Range: Proportion: ≤800m<sup>2</sup> ; Volume: ≤3600m<sup>3</sup>
- Highlight: fm200 automatic fire extinguishing system, nqmq inergen gas system, nqmq automatic fire extinguishing system



### More Images



## Product Description

### NQMQ 4.2 MPa FM200 Pipe Network Type Automatic Fire Extinguishing System Without Pollution



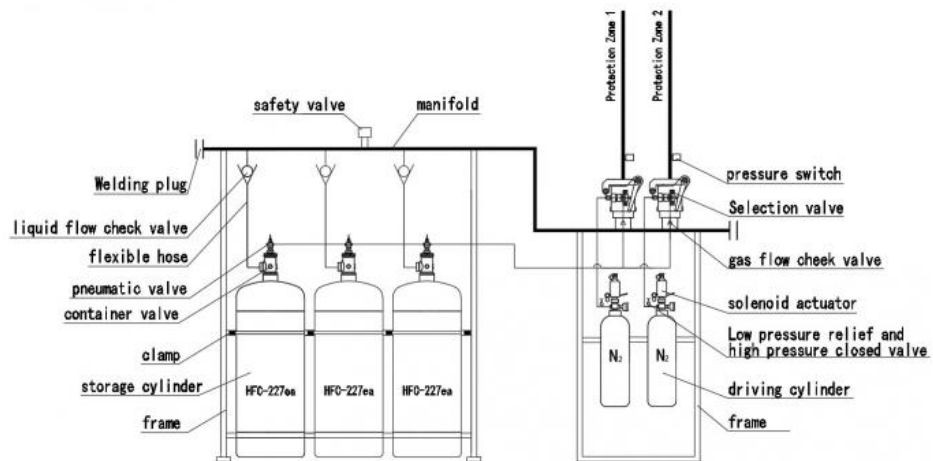
The FM200 fire extinguishing system can be classified into 4.2 MPa and 5.6 MPa based on pressure levels. This gas exhibits excellent cleanliness, requires minimal storage space, does not harm the ozone layer, complies with environmental protection requirements, and possesses colorless, tasteless, non-conductive properties that prevent secondary pollution. Moreover, it ensures fast and efficient fire suppression characteristics which are particularly advantageous for safeguarding electrical and electronic equipment installations, communication systems, areas with flammable liquids and gases as well as high-value assets frequently occupied by individuals.

The NQMQ FM200 system is a safe fire extinguishing system designed to work at 4.2 MPa or 5.6 MPa. Its extinguishing agent HFC-227ea is liquefied and stored in high strength steel cylinders. When a fire breaks out, HFC-227ea is discharged within 10 seconds and distributed to the protected areas through fixed piping and nozzles for fire suppression. By using selector valves, a single storage system can be designed to protect several areas.

The main part of the system is fire fighting equipment. It is formed by several components: fm200 cylinders, a cylinder frame, nitrogen-pressure driving devices, a driving device frame, container valves, flexible hoses, liquid flow check valves, gas control pipes, gas flow check valves, manifolds, safety valves, selective valves, flanges, elbows and nozzles.

Using the FM200 fire extinguishing system has the following advantages:

- ◆ Rapid Responses: Detects fire in early stages and discharges within 10S.
- ◆ Effective Suppression: Suppresses fire in seconds and prevents re-ignition.
- ◆ Damage Free : No virtual damage and is easily removed by ventilation.
- ◆ People Safe: In an emergency, it will not affect breathing or blurred vision.
- ◆ Environmentally Friendly: No ozone depletion potential.



Specification			
Working temperature	0~50℃	Discharge time	≤10 S
Working pressure	4.2 MPa;5.6 MPa	Extinguishing concentration	8~10%
Max.working pressure	5.3 MPa;8MPa	Polit cylinder	4L or 8L
Storage pressure @20℃	4.2MPa;5.6MPe	W.P of polit cylinder	6 MPa
Cylinder capacity	4.2MPa:70,90,100,120,150,180L 5.6 MPa:70,80,120L	Filling density	4.2 MPa:≤950 kg/m³ 5.6 MPa:≤1080 kg/m³

There are a lot of advantages of the single zone fm200 fire suppression system compared to other fire suppression system.

1/ It is the single zone fm200 fire suppression system that can protect the largest volume among the fm200 fire suppression system. Only a single zone system can protect at most 3600 cubic meters.

2/ Using single zone fm200 fire suppression system can help saving money. Obviously, using several systems are more expensive than only using one.

3/ It helps saving place. Because it needs a separate room outside but next to the protected zone, so it won't waste the places in the protected zone.

4/ The single cylinder has large capacity. It has 120l, 150l, and 180l capacity.

We always pack them in styrofoam first and then put them in wooden cases. Sometimes, in order to meet the safety requirements of customers for products, we will make pallets for goods.



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