

# Product Introduction

## Piston Flow Type of FM200 Fire Suppression System

### Parameters

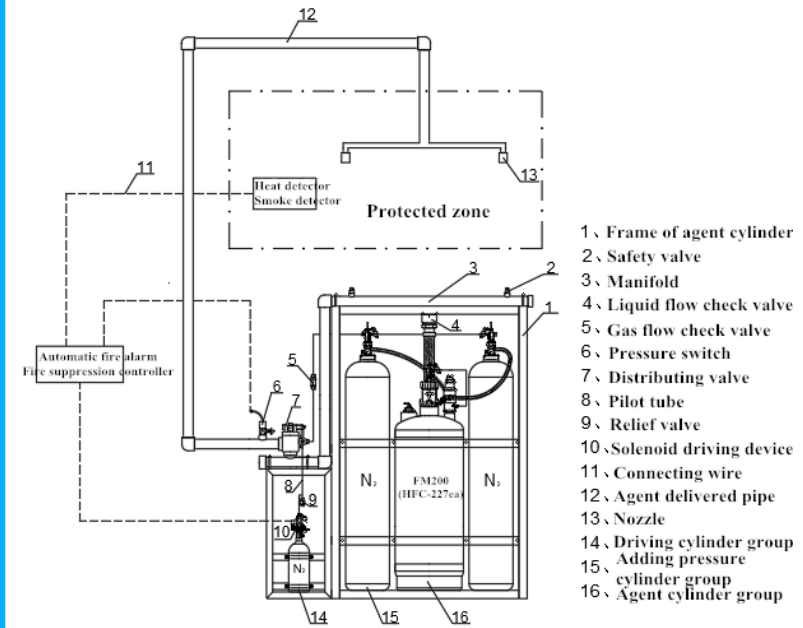
No.	Name	Specification
1	Device Model	QMQ5.6/90W-XJ, QMQ5.6/120W-XJ, QMQ5.6/150W-XJ, QMQ5.6/180W-XJ, QMQ4.2/245W-XJ
2	Cylinder Volume	90Ltr, 120Ltr, 150Ltr, 180Ltr, 245Ltr
3	Filling Capacity of Gas	112.5kg, 150kg, 187.5kg, 225kg, 306.25kg
4	Max Working Pressure	8Mpa, 5.3Mpa
5	Max protected area	Single zone: 800m <sup>2</sup>
6	Max protected volume	Single zone: 3600m <sup>3</sup>
7	Spraying Time	≤10s
8	Agent Filling Density	≤1250kg/m <sup>3</sup>
9	Power	DC24V/1A
10	Pressure of Adding Pressure Cylinder	13.5Mpa
11	Pressure of Driving Device	6.0Mpa(20℃)
12	Condition of Reserving Room for Container	temperature: 0~50℃

### Composition

This system mainly consists of agent storage cylinder, container valve, driving cylinder group, adding pressure cylinder group, distributing valve, liquid flow check valve, gas flow check valve, safety valve, pressure switch, frame, nozzle, high pressure hose, pressure-relief device, level gauge, relief valve, pipe system, which can constitute the unit independent system. Combined distribution system and other forms can implement fire protection for single and multiple zones.

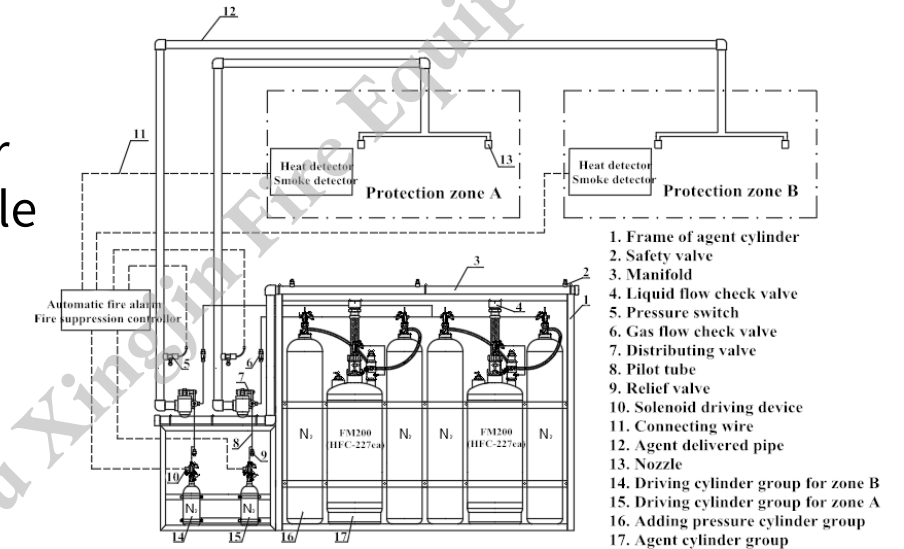


### Piston Flow Type diagram



Single/multiple cylinder groups for single zone

### Multiple cylinder groups for multiple zones



### Advantages

In terms of description of agent, one of its competent advantages is that it can be used for all kinds of class fires except metal fire. And it is clean agent. There is no residue and pollution after extinguishing.

Another one is that fm200 extinguishing system is special for critical assets or device. It will have no damage for your property. Relatively, it is cheap and effective to be chosen as fire suppression system.

Compared to traditional pipe network type fire suppression system, it can push the agent farther in the effective fire-fighting time by relied on external driving force.