

Product Introduction

Pipe Network Type -- FM200 Fire Suppression Device

Parameters

NO.	Specifications	4.2Mpa system	5.6Mpa system
1	Capacity	40Ltr,70Ltr,100Ltr,120Ltr,150Ltr,180Ltr	70Ltr,90Ltr,120Ltr
2	Device model	QMP40/4.2	QMP70/5.6
		QMP70/4.2	
		QMP100/4.2	QMP90/5.6
		QMP120/4.2	
		QMP150/4.2	
QMP180/4.2	QMP120/5.6		
3	Filling pressure	4.2Mpa	5.6Mpa
4	Max filling rate	0.95kg/L	1.08kg/L
5	Discharge time	≤10s	
6	Power	DC24V/1.6A	
7	Nitrogen driving device	6.0±1.0Mpa	
8	Storage surroundings	Temperature:-10~50℃ Relative humidity:≤97%	
9	Proportion	≤800m ²	
10	Volume	≤3600m ³	



Single cylinder group for single zone

Composition

Welded cylinder made of steel, fire extinguishing agent(HFC-227ea, same as FM200), device frame, solenoid valve, container valve, a set of manifold, high pressure hose, check valve, safety valve, pressure switch, elbow, flange and nozzle.

Single cylinder group for single zone

Mimic diagram

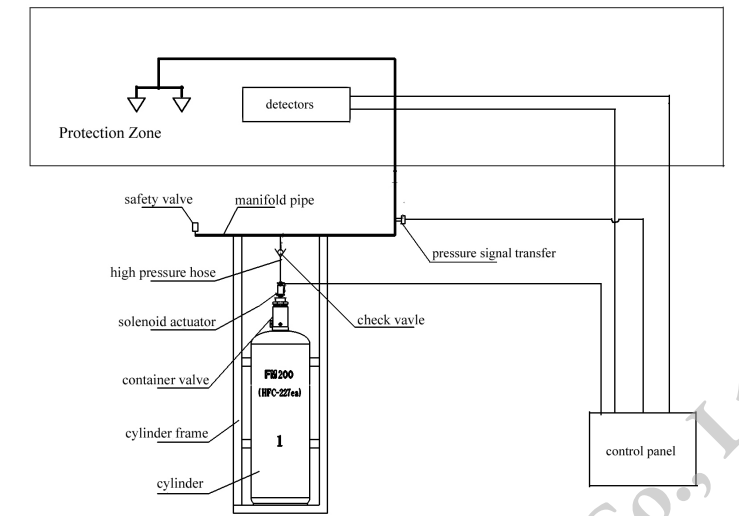


Diagram of fm200(hfc-227ea) system

Multiple cylinders for one zone

Composition

Welded cylinder made of steel, fire extinguishing agent(HFC-227ea, same as FM200), device frame, container valve, a set of manifold, high pressure hose, nitrogen driving device, pilot tube/activation tube, check valve, safety valve, pressure switch, elbow, flange and nozzle.



Mimic diagram

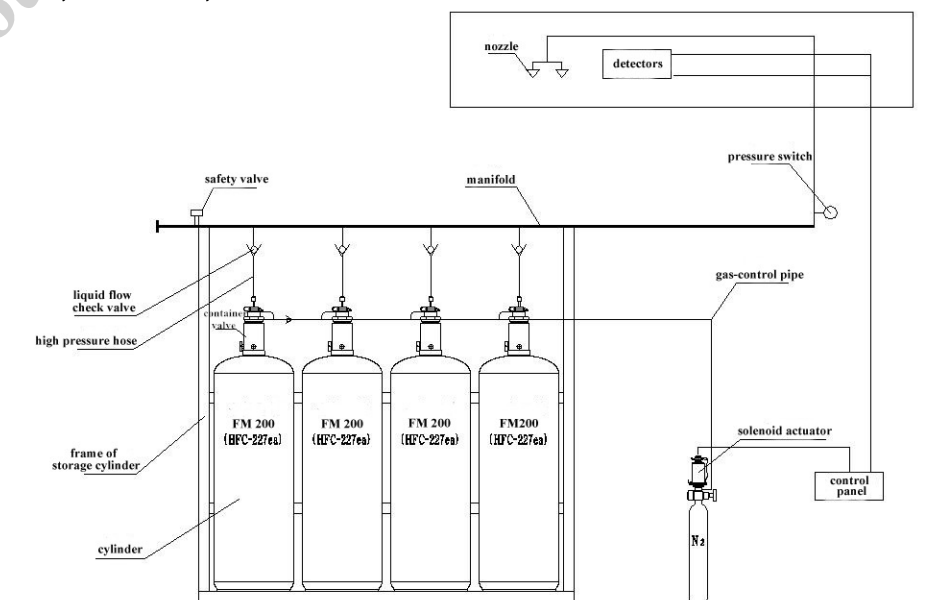


Diagram of whole system

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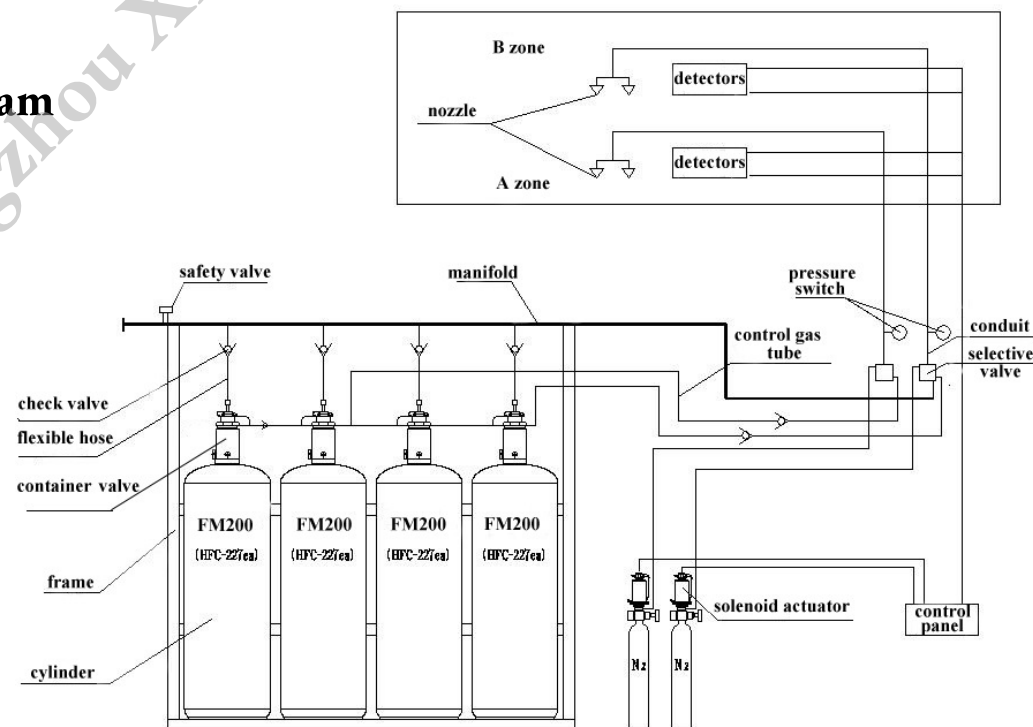
Single/multiple cylinder(s) for multiple zones

Composition

Welded cylinder made of steel, fire extinguishing agent(HFC-227ea, same as FM200), device frame, container valve, a set of manifold, high pressure hose, pilot tube/activation tube, check valve, safety valve, pressure switch, nitrogen driving device, driving device frame, distributing valve, elbow, flange and nozzle.



Mimic diagram



Advantages

Each fire suppression system has its strong points. Here is going to throw light upon the pipe network type fm200 fire suppression system.

Strong points:

1. Flexible application in protection zones. As its structure and assembly of other useful components, it can concentrate one very big protection zone with the combination of multiple storage cylinders. Its coverage can be also very small with the system of a single cylinder.
2. Efficient spraying of gas. One set of pipe network system can make the discharge on average for big zones in a short time with the help of the deployment of the pipeline.
3. Combined distribution system. The most distinctive and flexible advantage of this system is combined distribution system, which will combine multiple rooms in one district or building but with different dimensions or in different floor. Meanwhile, it can reduce the cost based on the original by the least and safe utilization of fire extinguishing gas. Because of the adoption of selective valves that can guide the fire extinguishing gas into the room on fire, so it would be relatively smarter to monitor each room to avoid an accident. It is worthy to mention that the combined rooms should be less than 8 including 8 in accordance with our standard.

