

Product Introduction

Cabinet Type -- FM200 Fire Suppression Device

Parameters

NO.	Specifications	Parameters
1	Cylinder capacity	40Ltr, 70Ltr, 90Ltr, 100Ltr, 120Ltr, 150Ltr, 180Ltr
2	Device model	GQQ40/2.5
		GQQ70/2.5
		GQQ90/2.5
		GQQ100/2.5
		GQQ120/2.5
		GQQ150/2.5
3	Filling pressure	2.5Mpa
4	Max filling rate	0.95kg/L
5	Discharge time	≤10s
6	Working temperature	0°C~50°C
7	Max working pressure	4.2Mpa
8	Discharge pressure	5±0.225Mpa
9	Proportion of protected zone	≤500m ²
10	Volume of protected zone	≤1600m ³
11	Actuation	Automatic or manual start

Cabinet specification

Specification	Size(mm)	Volume (cbm)	Net weight (kg)
GQQ40/2.5	450*400*1450	0.261	33
GQQ70/2.5	550*450*1650	0.408	43-50
GQQ90/2.5	550*450*1650	0.408	43-50 (46)
GQQ100/2.5	550*450*1650	0.408	55-64 (54)
GQQ120/2.5	550*550*1900	0.575	60-73 (60)
GQQ150/2.5	550*550*1900	0.575	80
GQQ180/2.5	600*550*2150	0.71	80

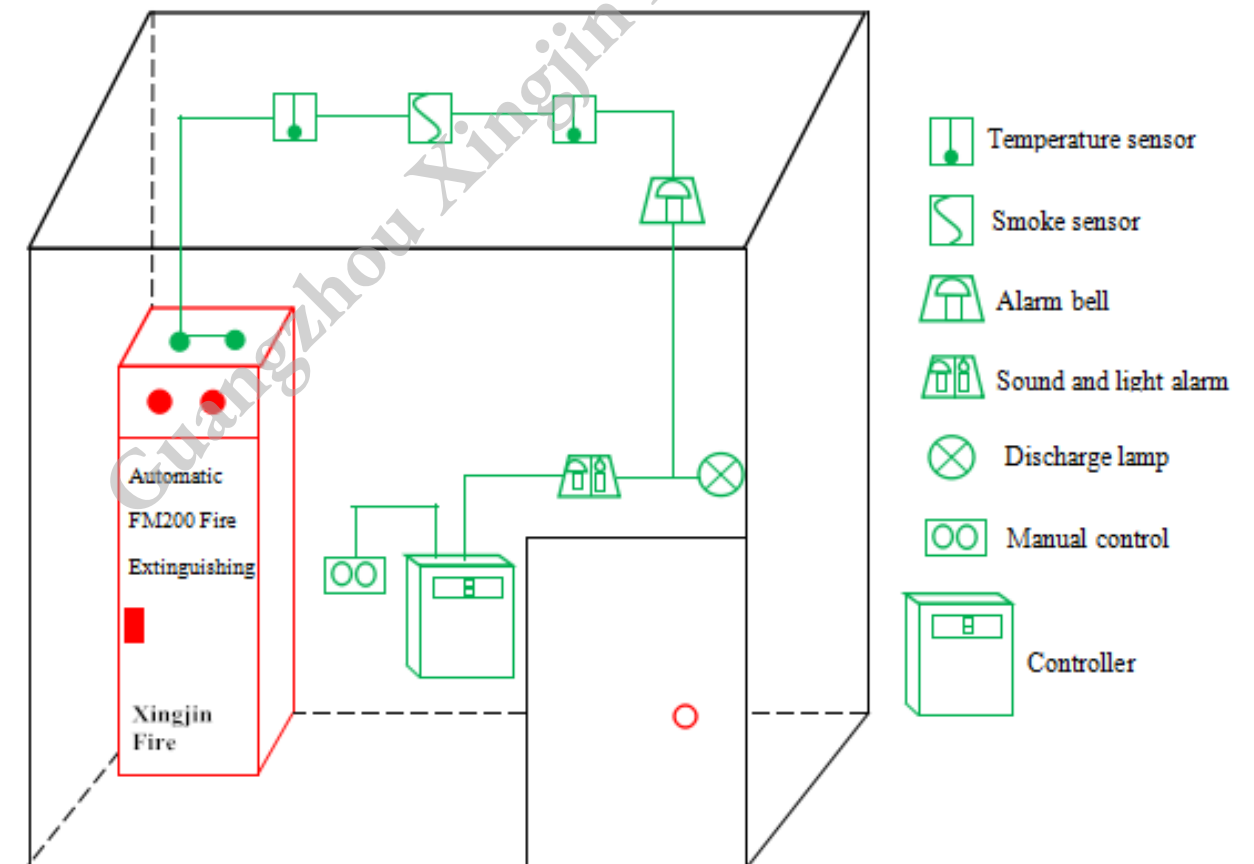


Composition



Welded cylinder made of steel, fire extinguishing agent(HFC-227ea, same as FM200), clamp, cabinet, container valve, solenoid actuator, high pressure hose, nozzle and pressure switch. If a cylinder's capacity is 120Ltr or more than 120Ltr, we suggest that each cylinder could be equipped with 2 nozzles and 2 high pressure hoses, in order to make sure the agent can be fully relised according to the discharge time standard.

Mimic diagram



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Advantages



Cabinet type--fm200 fire suppression system has a large number of advantages, and here is going to have a brief explanation:

1. Swift response. Since there is no long distance transportation of pipes, so fm200 gas can be directly discharged into protection zone. Meanwhile, its spraying time is less than 10 second. So it will save more time relatively when the fire happens.

2. Convenient installation. Compared with pipe network system, cabinet system would be relatively simple to conduct installation. After installation of control panels and electric components, left work is just to connect it with one cabinet fire extinguishing device or devices. But one room should not be matched with more than 4 pieces of it because of the limitation of the output current of a control panel.

3. Lower cost. Obviously, the price would be cheaper than pipe network type for the protection zone which just needs one single cylinder, because there is no need to consider about the expense of pipes and pipe fittings, also the cost of manpower for this part.

