

Cabinet FM200 fire suppression system

Cabinet FM200 fire suppression system is a preset and independent fire extinguishing system, without pipe network distribution. It is directly set at the protected area to put out the fire. It features easy installation, convenient to move, fast to action and beautiful appearance. The system is suitable for small fire protection areas, and for buildings which have been built but needs an additional fire extinguishing system.

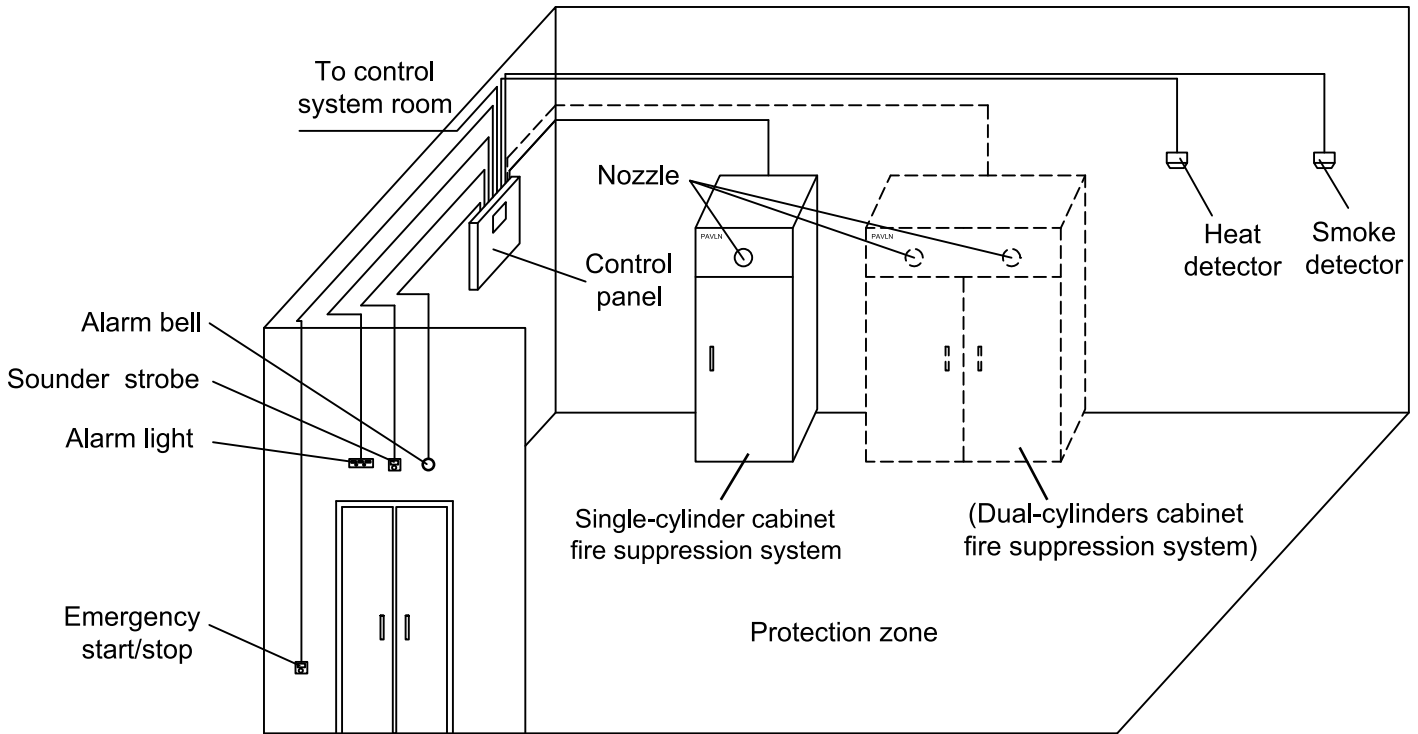


Feature and benefits

- ISO / CCC certified.
- Very swift fire suppression. Reach extinguishing level $\leq 10s$.
- Safe to people. People is safe when exposed at the FM200 gas discharge level.
- No pressure and pipe network loss. Fire suppression agent is discharged from cabinet orifice directly.
- ISO14520-9 and GB50370-2005 compliance.
- Easy to clean. No residue left, and minimize damage to sensitive equipment.
- Environment friendly. Zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- Extremely easy installation, with minimum storage space.

Available size

Cylinder capacity (L x No.)	Cabinet overall size (L x W X H, mm)	Protection area (m ²)	Storage pressure (MPa, at 20°C)	Working pressure (MPa, at 50°C)	Model
40 x 1	502 x 513 x 1335	≤ 62	2.5	Max, 4.2	Q02-40
70 x 1	502 x 513 x 1500	≤ 107	2.5	Max, 4.2	Q02-70
90 x 1	502 x 513 x 1670	≤ 139	2.5	Max, 4.2	Q02-90
120 x 1	502 x 513 x 2000	≤ 185	2.5	Max, 4.2	Q02-120
150 x 1	502 x 513 x 2150	≤ 232	2.5	Max, 4.2	Q02-150
70 x 2	1002 x 513 x 1500	≤ 214	2.5	Max, 4.2	Q02-70D
90 x 2	1002 x 513 x 1670	≤ 278	2.5	Max, 4.2	Q02-90D
120 x 2	1002 x 513 x 2000	≤ 370	2.5	Max, 4.2	Q02-120D
150 x 2	1002 x 513 x 2150	≤ 464	2.5	Max, 4.2	Q02-150D



Technical specification

• Power supply	Main power:	AC 220V, 50Hz / DC 24V, 1.5A
• Activation type	Automatic:	Electrical control, DC18 ~ 24V
	Manual:	Pneumatic control button, ≤ 3.0 MPa
	Emergency start:	Mechanical start, force ≤ 150 N
	Emergency stop:	Emergency stop button
• Storage cylinder	Liquefied fire agent:	Heptafluoropropane (CF_3CHF_2)
	Material:	Alloy steel, welded fabrication
	Charging density:	≤ 1.15 kg/L
	Surface:	Red epoxy paint coating
• Cabinet	Material:	Carbon steel
	Connection:	Orifice, cable entrance, bracket, etc.
	Surface:	White enamel coating
• Extinguishing	Start-up delay	0 ~ 30s
	Discharge time:	≤ 10 s
	Extinguishing type:	Total flood, 1min ~ 20min
	Extinguishing concentration:	8% ~ 10%
	Residual rate:	≤ 3 kg per cylinder
• Ambient	Temperature:	0°C ~ 50°C
	Humidity:	$\leq 95\%$ RH
	Seismic intensity:	≤ 7 magnitude