

FM 200 ▶▶ Total Flooding Automatic Fire Suppression System



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About Us



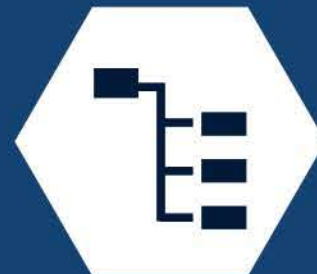
Product



Advantage



Detail



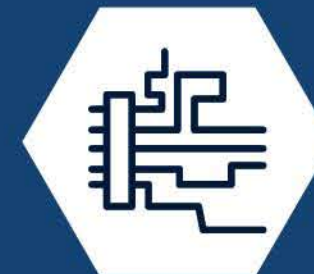
Compose



Apply



Accessories



Circuit



Parameter



About PRI-SAFETY

HANGZHOU PRI-SAFETY FIRE TECHNOLOGY CO.,LTD. is focused on automatic fire extinguishing systems and fire equipment research and development, design and production of state-level high-tech enterprises. The main products are vehicles and mechanical equipment automatic fire extinguishing system, heporofluoropropane gas extinguishing system, mobile compressed air foam equipment.

Products are used in mining, petrochemical, transportation, electricity, industry, construction and other fields.

Since 2005, PRI has been customizing a variety of engineering, vehicle and industrial equipment automatic fire extinguishing systems for European and American customers, after more than ten years of technical accumulation, forming a perfect and reliable system products. At present, the products have been exported to more than 40 countries and regions. In particular, automatic fire extinguishing systems for vehicles and machinery are at an advanced level in the international market.

The company has passed THE9001:2015 quality management system certification, products with CE and EN certification, UN ECER107 EU vehicle safety certification. Division I has more than 20 product technology patents, and in 2019 through the national high-tech enterprises.

HFC-227ea

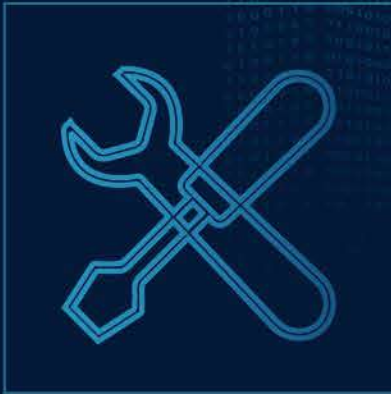
Automatic Fire Suppression System



HFC-227ea: Refers to HFC-227ea as the main extinguishing agent, with automatic control system used in automatic fire extinguishing equipment.

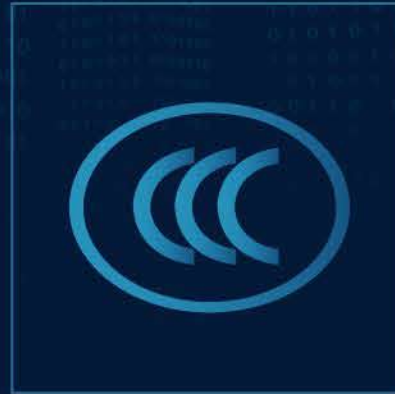
At present, we have designed two types of appearance of cabinet and pipe network, and divided into a single bottle group, multi-bottle group has different size specifications, can be used for different occasions.

Product Benefits



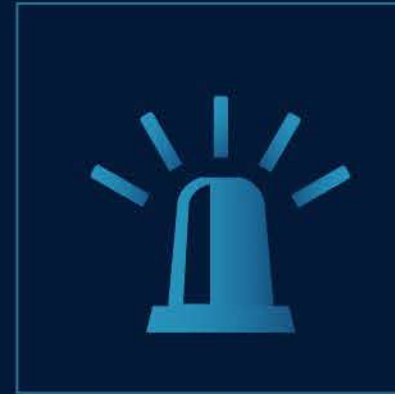
Easy Operate

Convenient and easy to operate



CCC Authentication

Quality assurance, safety genuine



Alarm system

Real-time detection, alert alerts



Automatic

Fire extinguishing automatically to reduce losses



Not Conductive

Safety agent to protect the machine



Environmentally

Green is easy to clean, no residue



Innocuity

Safe medicine, no poison harmless



Fast Fire Extinguishing

Fire extinguishing quickly reduces damage



Product
Detail

Product Compose



a.Nozzle

c.High Pressure Hose

e.Pressure Gauge

h.Cylinder Clamp

b.Solenoid Actuator

d.Signal Device

f.Single Cylinder Cabinet

g.HFC-227ea Cylinder



Range of Apply

Different specifications are suitable for different occasions, such as high-voltage power distribution room, generator room, computer room, data processing center, medical facilities, precision instruments, libraries, archives, museums and so on. It can also be used in hazardous sites for production operations and in priority sites where water and foam fires are not suitable.





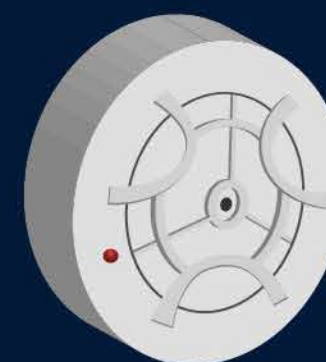
《 About Accessories



Gas Fire-Extinguishing
Control Pane (Linkage)



Smoke Detector



Heat Detector



Auto/Manual
Switch Module



Sounder Strobe



Emergency
Start/Abort Switch



I/O Module

DO NOT ENTER

Discharge Light



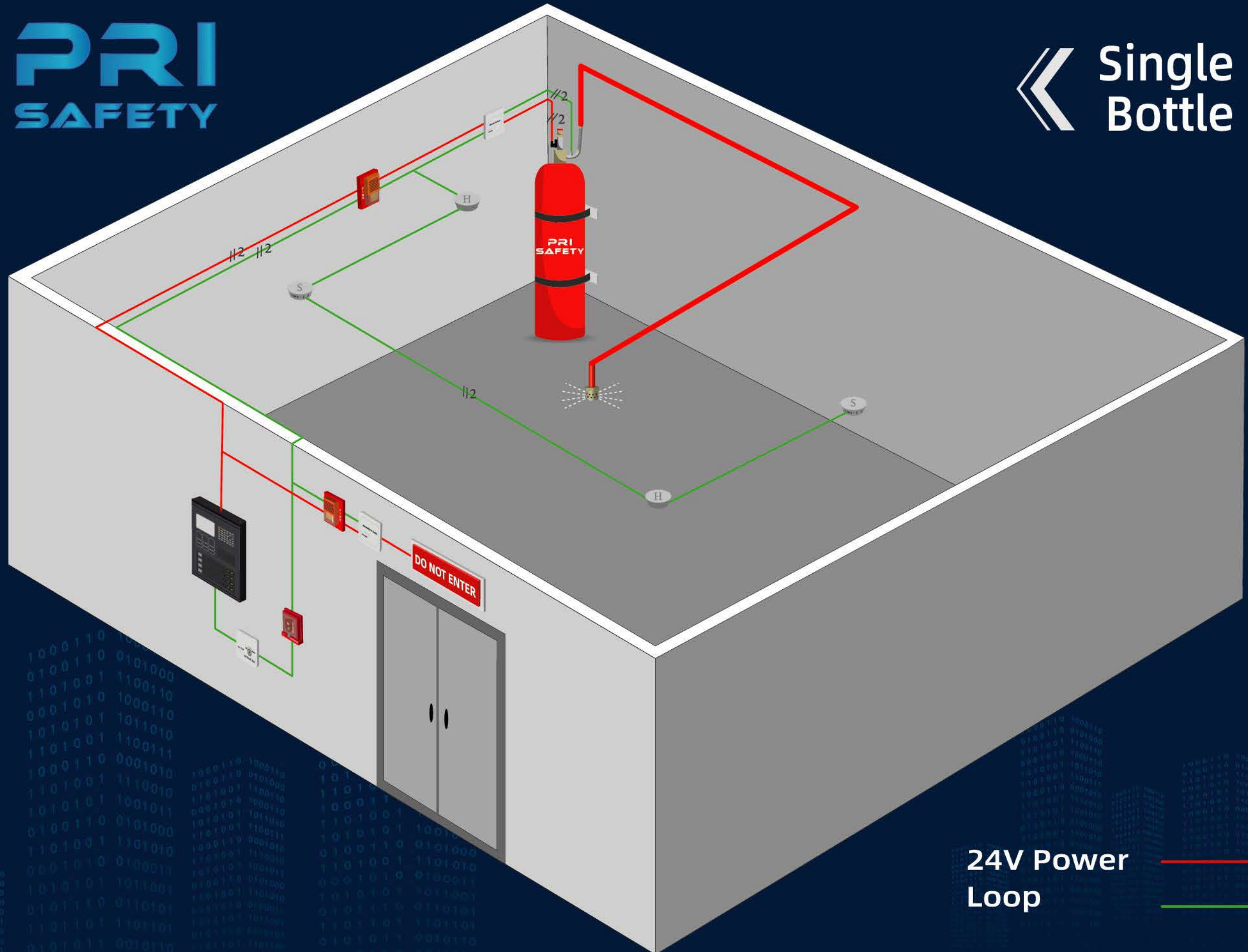
Bottle Nozzle



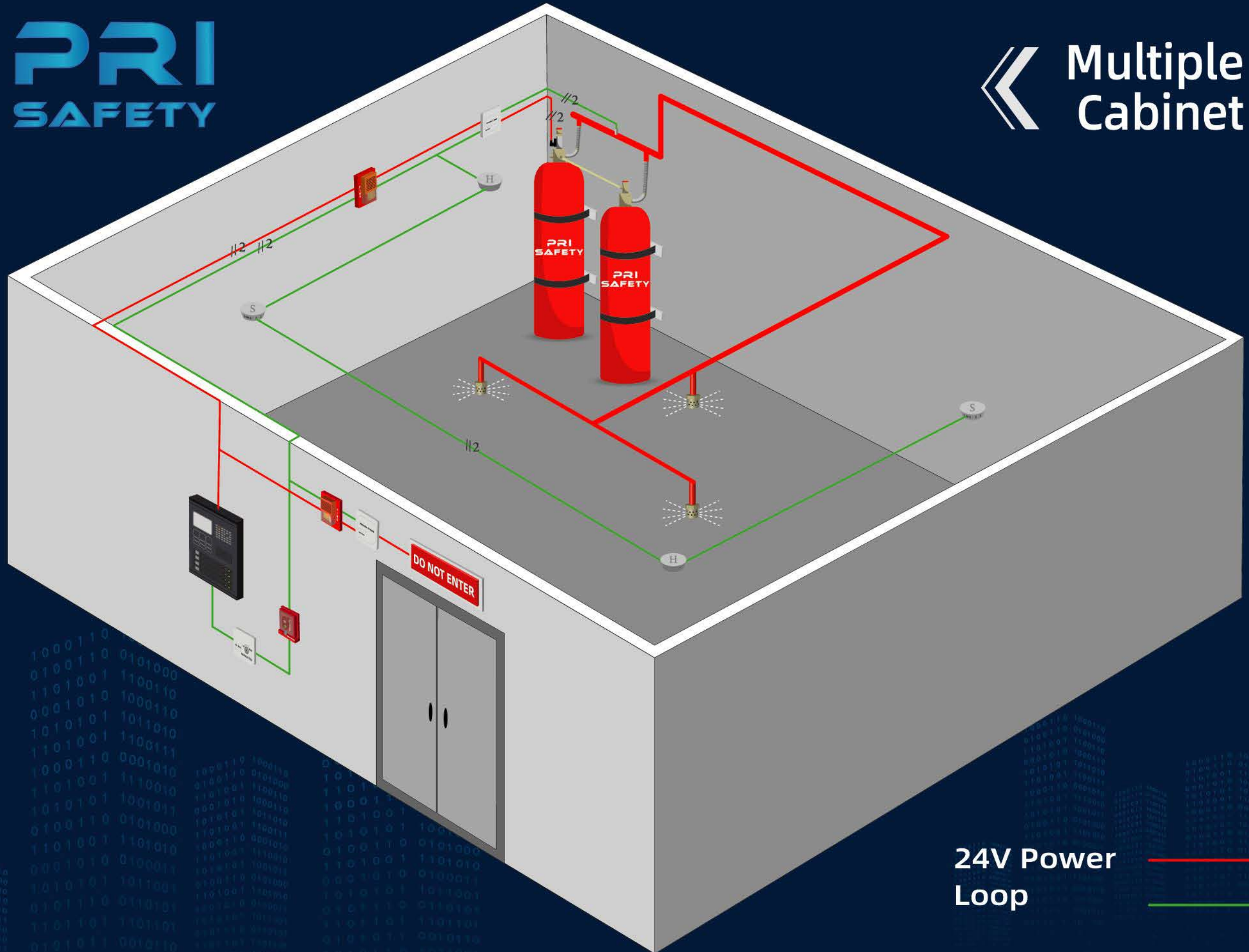
Cabinet Nozzle

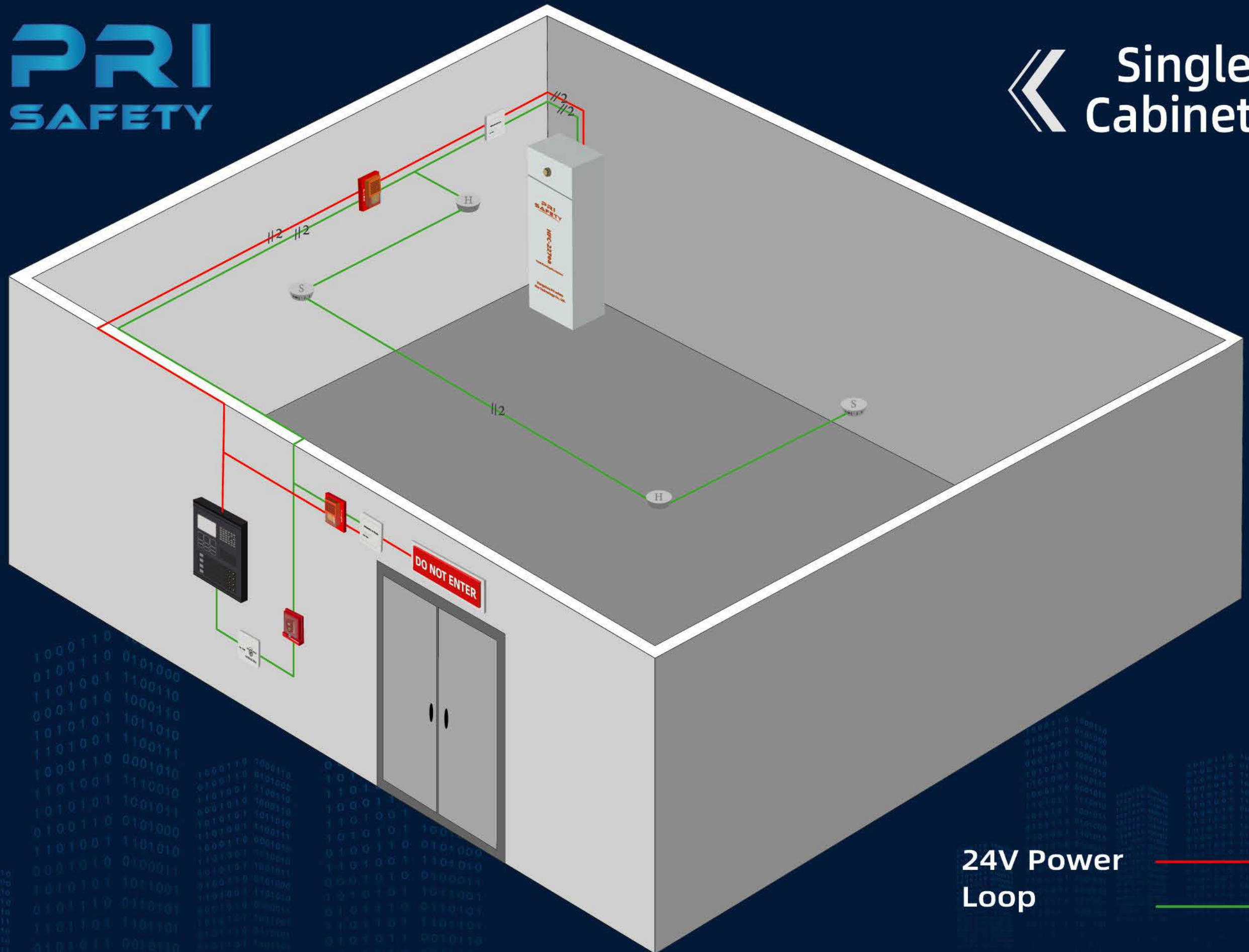


Single Bottle



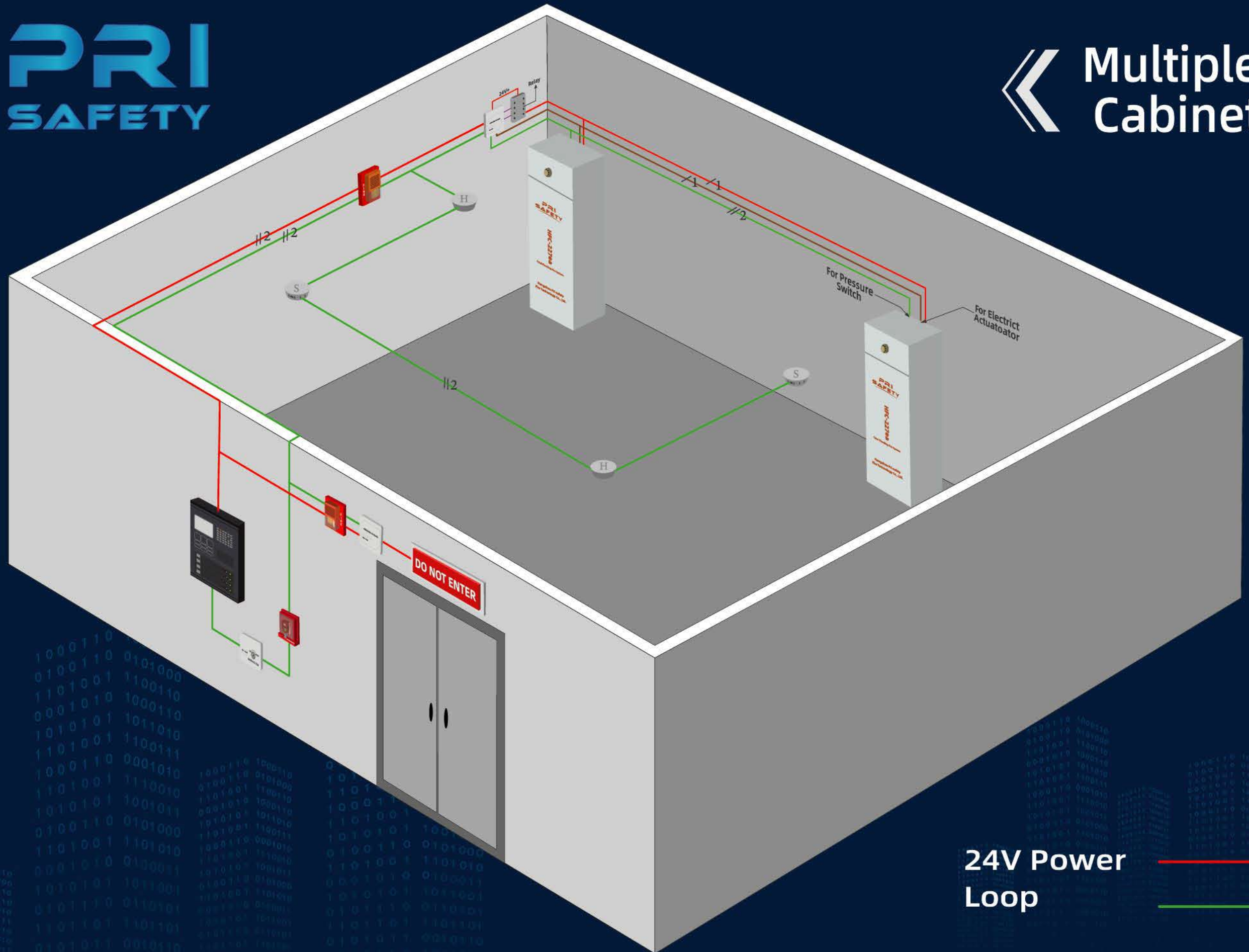
24V Power Loop

PRI
SAFETY **Multiple
Cabinet****24V Power
Loop**

PRI
SAFETY **Single
Cabinet****24V Power
Loop**

PRI
SAFETY

Multiple Cabinet

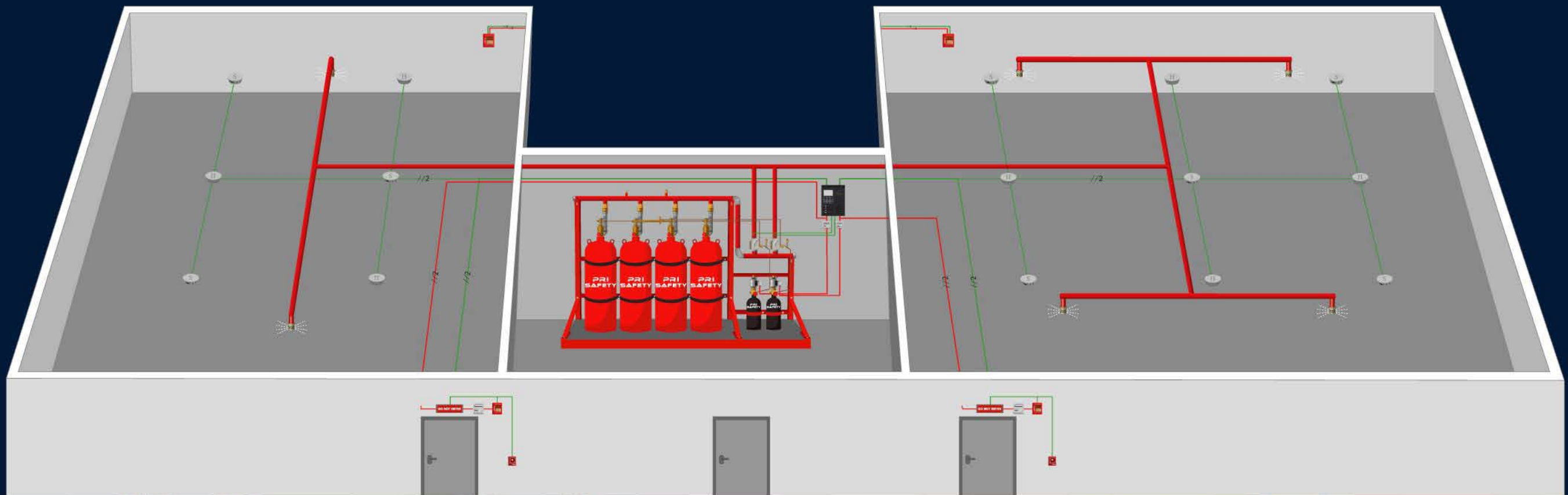


24V Power
Loop

PRI SAFETY



Multi-room distribution system



24V Power
Loop



FM200 Cylinder Specification---4.2MPa



PRODUCT DESCRIPTION

Item	Capacity(L)	Thread	Inner Dia.(mm)	Height(mm)	Wall Thickness(mm)	Weight(kg)	Max Working Pressure(Mpa)
1	16L	PZ56/2-8UN.2A	300	330	4	18	4.2
2	32L	PZ56/2-8UN.2A	300	620	4	30	4.2
3	40L	PZ56/2-8UN.2A	300	747	4	39	4.2
4	70L	PZ56/2-8UN.2A	350	615	4.5	46	4.2
5	90L	PZ56/3-1/4"-8UN.2A	350	1125	4.5	57.5	4.2
6	100L	PZ56/3-1/4"-8UN.2A	350	1225	4.5	62	4.2
7	120L	M64×2/3-1/4"-8UN.2A	350	1430	4.5	67.1	4.2
8	150L	M64×2/3-1/4"-8UN.2A	400	1395	5	92.1	4.2
9	180L	M80×2/3-1/4"-8UN.2A	400	1635	5.5	105	4.2
10	250L	M80×2/3-1/4"-8UN.2A	500	1500	8	195	4.2



FM200 Cylinder Specification---5.6MPa



PRODUCT DESCRIPTION

Item	Capacity(L)	Thread	Inner Dia.(mm)	Height(mm)	Thickness(mm)	Weight(kg)	MaxWorking
1	40L	PZ56/2-8UN.2A	300	747	5	40	5.6
2	70L	PZ56/2-8UN.2A	350	915	6	62.6	5.6
3	90L	PZ56/3-1/4"-8UN.2A	350	1125	6	75.8	5.6
4	120L	M64×2/3-1/4"-8UN.2A	350	1430	6	94.2	5.6
5	150L	M64×2/3-1/4"-8UN.2A	400	1395	7	120	5.6
6	180L	M80×2/3-1/4"-8UN.2A	400	1635	7	145	5.6
7	250	M80×2/3-1/4"-8UN.2A	500	1500	9	200	5.6

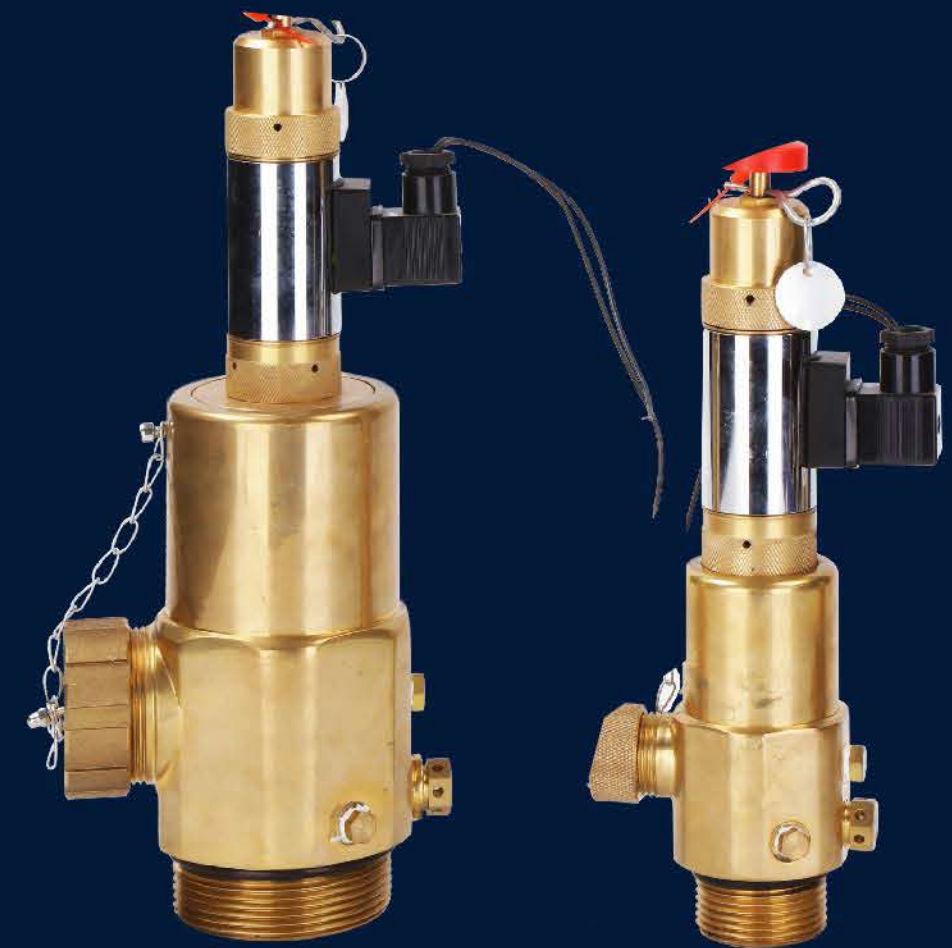
Specification for Head Valve of FM200 Fire System

Item	DN32	DN40	DN50
Neck Thread	PZ56	M64x2	M80x2
Actuator Thread	M18x1.5	M18x1.5	M18x1.5
Dip Tube Thread	RC 1-1/4"	RC 1-1/2"	RC 2"
High pressure flexible hose thread	M48x2	M56x2	M68x2
Pressure gauge thread	M10x1	M10x1	M10x1.5
Working Pressure	4.2Mpa	4.2Mpa	4.2Mpa
Test Pressure	6.3Mpa	6.3Mpa	6.3Mpa
Applicable cylinder	≤100L	120L 150L	180L 250L



Specification Parameters for High Quality Head Valve of FM200 Fire System

Item	G 1"	G 2"
Neck Thread	2-8UN.2A	3 1/4-8UN.2A
Actuator Thread	G 1"	G 1"
High pressure flexible hose thread	G 1"	G 2"
Pressure gauge thread	1/8" NPT	1/8" NPT
Working Pressure	6.7Mpa	6.7Mpa
Test Pressure	10.05Mpa	10.05Mpa
Applicable cylinder	≤70L	90L 120L 150L 180L



FM200 Nozzle for Cabinet Type---Male



Item	DN32	DN40	DN50
Neck Thread	M48x2	M56x2	M68x2
Actuator Thread	Brass (HPb59-1)	M18x1.5	M18x1.5



FM200 Nozzle for Pipework Type---Female



Item	DN25	DN32	DN40	DN50
Neck Thread	RC 1"	RC 1-1/4"	RC 1-1/2"	RC 2"
Actuator Thread	Brass (HPb59-1)	Brass (HPb59-1)	M18x1.5	M18x1.5

Flexible Hose for Cabinet Type (SUS304)

Flexible Hose for Pipework Type



PRI-SAFETY



+86-571-8580 3669



+86-571-8580 9251



+86 137 5716 7360



www.pri-safety.com
www.chinafiresafety.com