

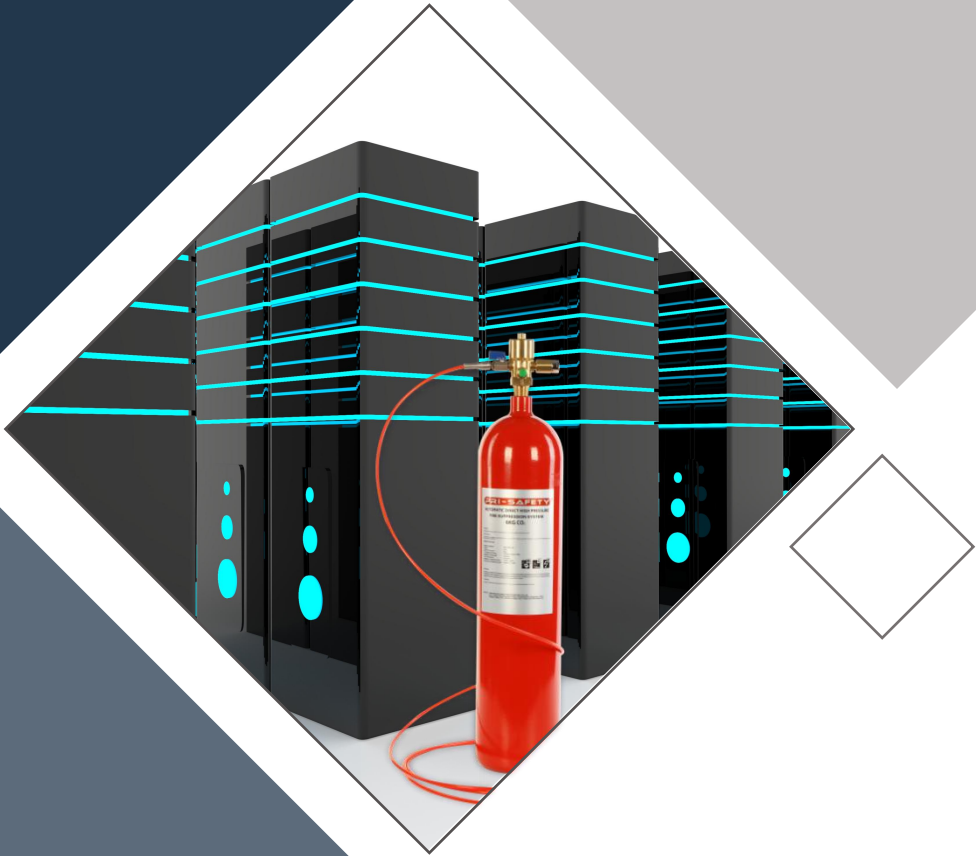
PRI[®]
SAFETY



CO2 Direct Type Automatic Fire Suppression System

HANGZHOU PRI-SAFETY FIRE TECHNOLOGY CO.,LTD.

www.chinafiresafety.com



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01

Our Product

Our Products.

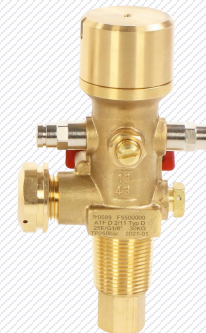
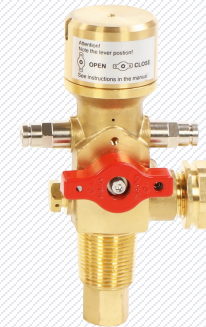
PRI-SAFETY — Carbon Dioxide (CO₂) fire suppression system is extremely versatile and effective on a wide range of flammable and combustible materials and approved for Class A, B and C hazards. Here are three models with different head valve.



➤ ①



➤ ②



➤ ③



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Product Features

Features.

- ◆ Applied to the relatively closed space effectively.
- ◆ Full automatic heating start, no electricity.
- ◆ Simple installation and maintenance.
- ◆ Special for Electric Equipment.

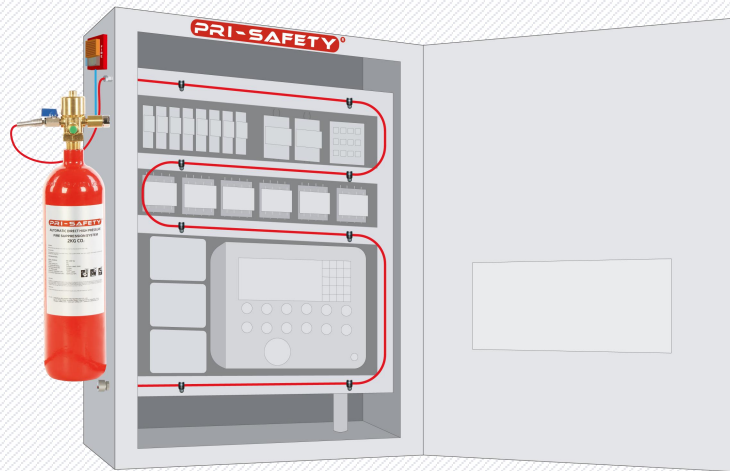
03

Activated Principle

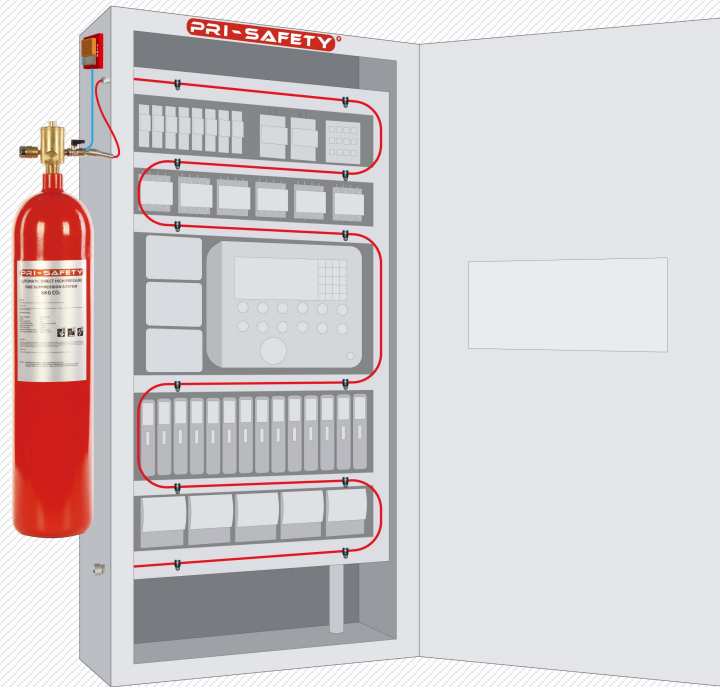
Activated Principle.

The model is automatic fire suppression system. Once the temperature reach $100^{\circ}\text{C} \pm 10^{\circ}\text{C}$, the detection tube will burst one hole to spray Co2 gas and extinguish the fire, the holes on the tube work as nozzles to spray the fire agent to fighting the fire. The system is totally automatic and is totally independent of electricity.

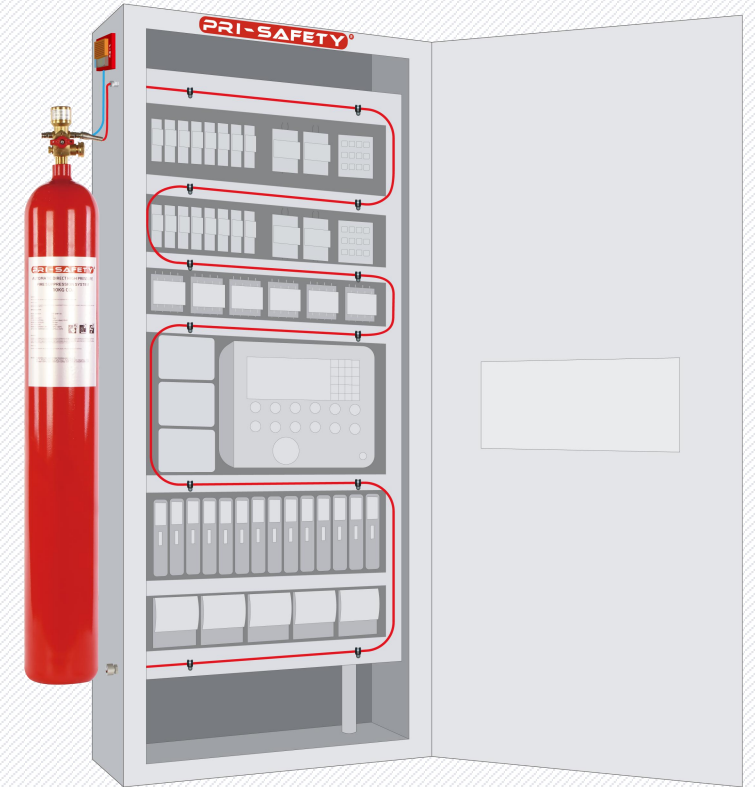




2KG



6KG



10KG

04

Specifications

Specifications.

CO2 Direct Type Automatic Fire Suppression System			
Capacity	2kg	6kg	10kg
Code Number	DC-02	DC-06	DC-10
Agent	Co2 Gas		
Activation Temperature	100°C±10°C		
Protection Volume	0.7CBM / kg Co2		

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Accessories

◆ (1) Cylinder.

	Capacity	2kg	6kg	10kg
	Code Number	CBC-02	CBC-06	CBC-10
	Dia.	114	152	152
	Length	420	650	1050
	Working Pressure	120Bar, Max 150Bar		
	Test Pressure	250Bar		
	Wall Thickness	5.0mm		
	Mouth Thread	PZ27.8x14T		
	Material	CK45		
	Volume	3	9	15

◆ (2) Head Valve.

	Code Number	DCV-01, DCV-02, DCV-03
	Inlet Thread	PZ27.8x14T
	Ball Valve Threrad	1/8"NPT
	Pressure Gauge Thread	M10x1-12.5
	Regulate Pressure	18.5Bar
	Material	Brass

◆ (3) Ball Valve.

 opcional	Code Number	DBV-06
	Thread	1/8"NPT
	Working Pressure	18.5Bar
	Material	Brass Nickel Plated

◆ (4) Detection Tube.

	Code Number	DT/06
	Out. Dia.	6mm
	In. Dia.	4mm
	Working Pressure	18.5Bar
	Activation Temperature	100°C or 140°C
	Color	Red

	Name	Front and End Connector		Name	Spring Guard for 6mm tube
	Code Number	F/E C-01		Code Number	SG-06

◆ (5) Pressure Gauge.

	Code Number	DPG-01
	Working Pressure	18.5Bar
	Temperature	-30°C~+60°C
	Thread	M10x1-12.5
	Type	Diaphragm Type
	Shield Material	Brass

06

Application

Application.

- ◆ Distribution cabinets
- ◆ Data center
- ◆ Telephone exchange
- ◆ Communication center
- ◆ Transformers and switch rooms
- ◆ Control rooms ...



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THANKS!

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