

## FM-200 FIRE SUPPRESSION SYSTEM



### DESCRIPTION

Widely accepted replacement for Halon 1301, FM-200 Fire Suppression Systems are great in applications ranging from sensitive electrical equipment to industrial applications using flammable liquids. It is ideal for applications where clean-up of other media presents a problem, where weight versus suppression potential is a factor, where an electrically non-conductive medium is needed and where people compatibility is an overriding factor. When environmental impact is a consideration, FM-200 is particularly useful. It has zero ozone-depleting potential, low global warming potential and a short atmospheric lifetime. For speed in suppressing fires, reducing damages, saving on floor space and allowing visibility, CTT's FM-200 System is the clear choice. And it discharges in 10 seconds or less, extinguishing a fire quickly and effectively.

Our designed customized fire suppression system uses our patented valve design offering additional flexibility, effectiveness and speed. That translates into minimal equipment / facility damage and little or no business interruption.

## **FIRE SUPPRESSION SYSTEM**

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With our designed customized fire suppression system, you can count on speed and efficiency in your fire protection, and much more.

- Requires minimal container storage space
- Zero ozone depleting potential
- Low global warming potential
- Short atmospheric lifetime
- Safe for occupied areas
- Best warranty in the fire protection industry
- Extensive line of fire protection accessories
- Simplified installation
- ISO 9001 certified

In addition, CTT can provide the system components and accessories to meet your complete clean agent fire suppression system requirements. Intelligent control panels, delayed action devices, early warning smoke detection, warning signs, manual releasing devices, automatic detection and warning devices and fire alarm panels are all available from CTT.

According to the user's specific circumstances can be used to flood the unit independent system and the combination of two components of the system. The so-called unit independent system refers to a set of fire extinguisher storage device corresponding to a set of pipe network system to protect the formation of a protective area. The so-called combination of distribution system is a set of public fire extinguisher storage device corresponding to several sets of pipe network system to protect two or more protective areas of the composition of the form.

# FIRE SUPPRESSION SYSTEM

## Technical Parameters

	Product Model	ZQ90/4.2-SA	ZQ120/4.2-SA	ZQ150/4.2-SA
	Nominal working pressure (MPa)	4.2	4.2	4.2
	Maximum working pressure (MPa)	5.3	5.3	5.3
	Injection time (s)	≤10	≤10	≤10
	Filling density (Kg/m <sup>3</sup> )	950	950	950
	Storage container volume(L)	90	120	150
	Operating temperature range	0℃~50℃	0℃~50℃	0℃~50℃
	Nozzle Nominal working pressure (MPa)	1.0	1.0	1.0
	Single nozzle protection radius (m)	≤5(in general)	≤5(in general)	≤5(in general)
	protection height of the nozzle(m)	0.3—5	0.3—5	0.3—5
	System startup mode	Automatic, manual, emergency operation	Automatic, manual, emergency operation	Automatic, manual, emergency operation
	System fire extinguishing technology	all submerged	all submerged	all submerged
	The system starts power supply	DC24V, 1A	DC24V, 1A	DC24V, 1A
	Safe release device operating pressure (MPa)	6.6	6.6	6.6
	System delay start time(s)	0~30	0~30	0~30