

Product Introduction

Fire Detecting Tube----Suppression System

Parameters

NO.	Type of Device	Direct Type Fire Detecting Tube CO2 Fire Suppression	Indirect Type Fire Detecting Tube CO2 Fire Suppression	Direct Type Fire Detecting Tube FM200 Fire Suppression
1	Device model	WZ-Q/T-EZ6-XJ60	WZ-Q/T-EJ42-XJ60	WZ-Q/T-QZ3-XJ60
2	Storage Pressure (20°C)	5.17Mpa	5.17Mpa	2.5Mpa
3	Max. Working Pressure	12.1Mpa	12.1Mpa	4.2Mpa
4	Min. Agent Needed for A Unit	2.5kg/m³	1.5kg/m³	0.7kg/m³
5	Max Agent Capacity	6kg	42kg	3kg
6	Max. Length of Fire Tube	25m	25m	20m
7	Max. Length of Release Tube	--	12m	--
8	Max. Filling Rate	0.6kg/L	0.6kg/L	1.12kg/L
9	Working temperature	0°C~49°C	0°C~49°C	0°C~50°C

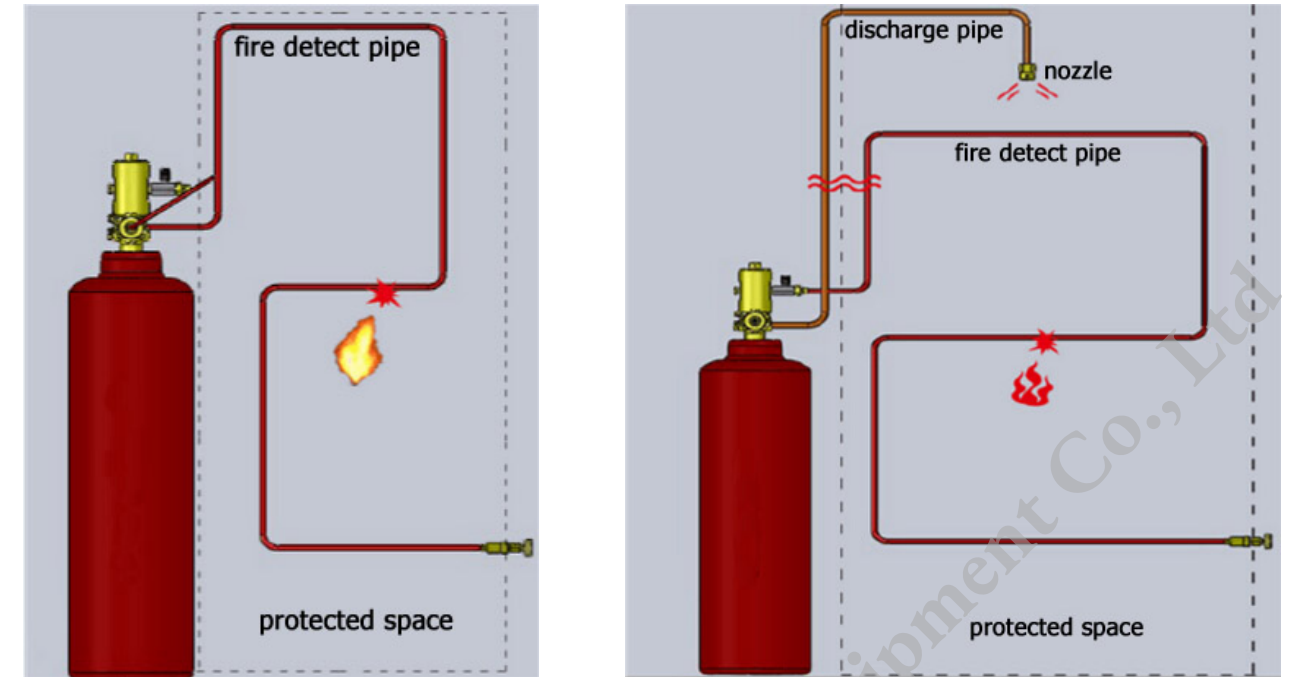
Composition

The direct type fire detecting tube fire suppression system is consist of a cylinder, fire extinguishing agent(CO2 or HFC-227ea, same as FM200), at most 25m long fire detecting tube, container valve. For the direct type, the fire detecting tube can be used for both detecting and releasing.

The indirect type fire detecting tube fire suppression system has the same components as the direct type except a release tube added. In this system, the fire detecting tube is used for just detecting function, so it needs a release tube together.



Mimic diagram



Direct type

Indirect type

Advantages

The fire detecting tube fire suppression system has the following advantages:

1. Convenient installation and transportation. Because this system combines fire fighting and alarm function together, and no needs to match electrical elements and pipe fittings, so after fixing the cylinder on a place, all left to do is fixing the detecting tube around a potential source of fire.
2. Non-electric start mode. It doesn't need the power to activate the system. This system's work principle is using its own storage pressure instead of relying on the outside force activating. When the detecting tube is broken by the fire, the agent will discharge.
3. Little occupation of space. This system is suitable for protecting a system, like telecommunication system, rather than a protected zone. The cylinder fixes on the outer cabinet, and will not occupy many places.