

# FIREFLY T-TUBE

# PRODUCT INTRODUCTION

1U SERIES



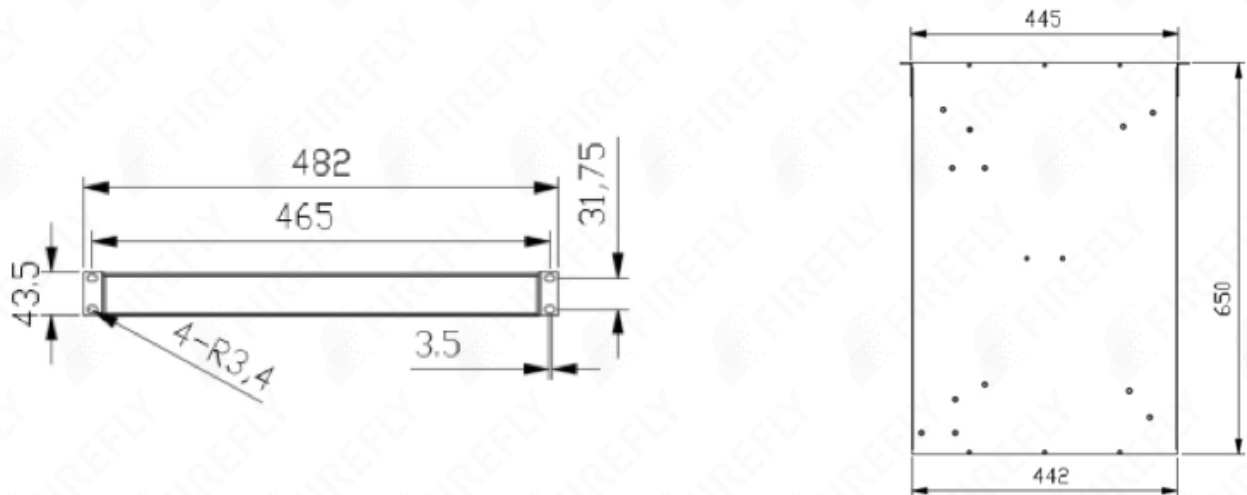
## Application

The heat accumulation often occurs in the cabinet with important equipment. Too high temperature is likely to cause fire, resulting in equipment damage, data loss, and important service interruption. The Firefly T-tube 1U series is specially tailored for the cabinet space. The alarm and suppression functions are concentrated in one rack box, which can detect and suppress the fire early, and reduce irreparable loss caused by fire spread.

## Features





- ★ Fully submerged automatic fire suppression device for 19 inch cabinets;
- ★ No cylinder, fire detection, signal feedback and fire extinguishing are integrated into the box with a height of 1U;
- ★ Three types of activation:  $100 \pm 10^{\circ}\text{C}$  general activation, Glass bulb activation ( $68^{\circ}\text{C}$ ,  $79^{\circ}\text{C}$ ,  $93^{\circ}\text{C}$ ), and Electromagnetic activation;
- ★ Can be used immediately after unpacking and easy to install;
- ★ UL certified FK5112 fire extinguishing agent, No residue, No corrosion, good insulation performance, especially for electrical appliances and precision instruments;
- ★ Maintenance free, can work without power supply;
- ★ Depending on the installation environment, it can normally be used for 20 years;
- ★ Provide 24-hour continuous protection for data cabinets, telecommunications cabinets, computer rooms, CCTV equipment, IT networks, website servers, etc.

## Main dimensional data Unit : mm



## Optional accessories

In order to fit the needs of various scenarios, 4 types of optional to be supplied: Pressure gauge, Pressure switch, Predetermined temperature Sprinkler, and Solenoid valve. Each T-tube can be equipped with a maximum of two optional accessories in a system.

Icon Description: ✓ Yes ✗ No					
Project	Optional Accessories Name	Pressure Gauge	Pressure switch	Predetermined temperature Sprinkler	Solenoid valve
Optional Accessories	Pictures	 Pressure Gauge	 Pressure switch	 Predetermined temperature Sprinkler	 Electrical Actuator
	Function Introduction	Indicating the pressure in the tube, convenient for daily inspection and maintenance	Used for remote monitoring of the pressure in the tube, if the party detects that the pressure in the tube is lower than a certain value, feedback signal to the fire alarm host (or other monitoring equipment)	There is a glass bulb inside, When the temperature of the protected enclosures rise to the value of the glass bulb, the glass bulb would be cracked, and the clean agent is discharged through the glass bulb	When the fire detector detects the fire alarm, the fire alarm host will activate the solenoid valve and release the clean agent. There is a glass bulb inside also.
Three types of Activation	A.100 ± 10°C general activation	✓	✓	✓	✓
	B. Glass bulb activation (68°C, 79°C, 93°C)	✗	✗	✓	✓
	C. Electromagnetic activation	✗	✗	✗	✓



FIREFLY GLOBAL SALES & DISTRIBUTION

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