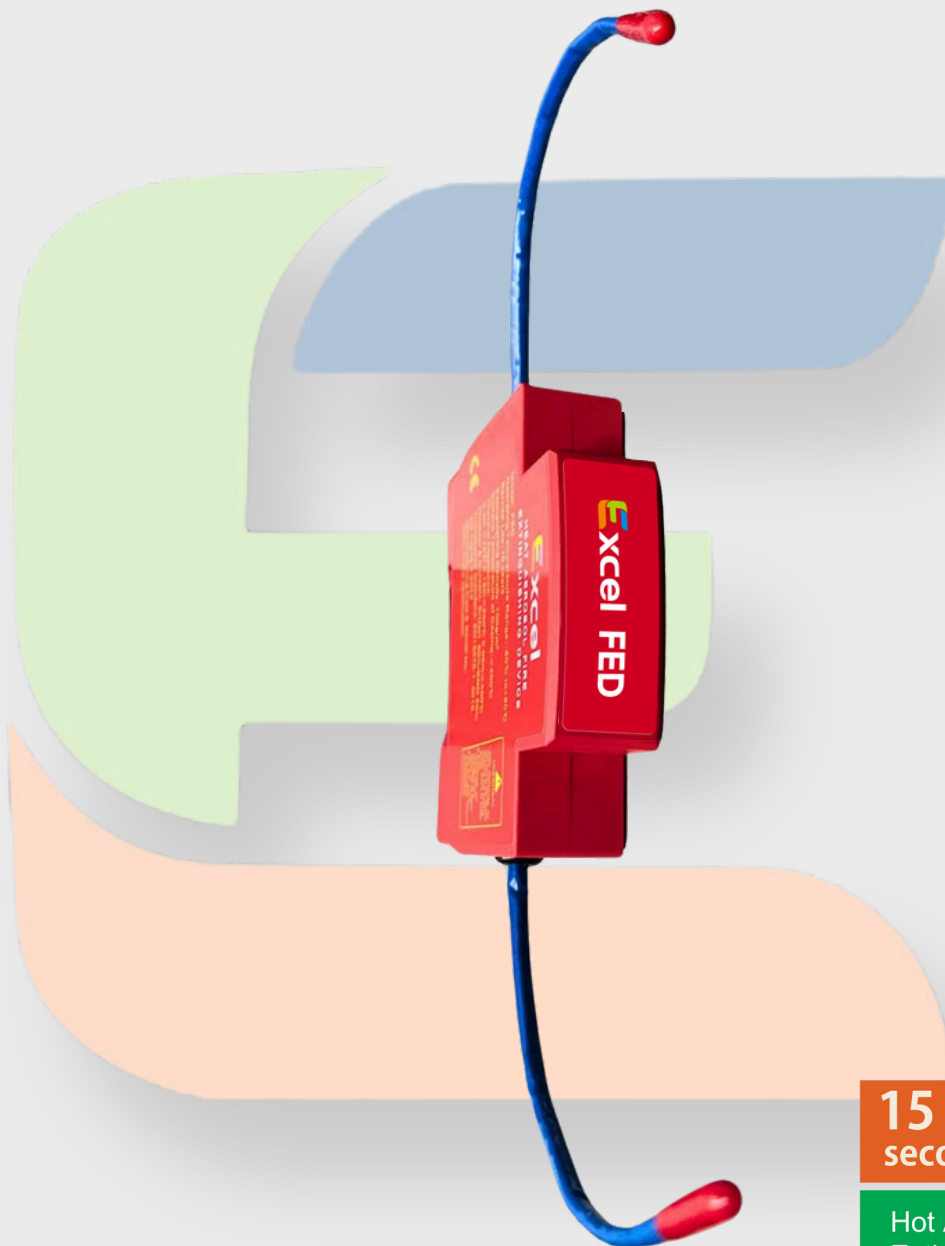




Hot Aerosol Fire Extinguishing Device

FED hot aerosol gas generating agent is green and environmentally friendly, non-toxic, non-corrosive, and does not deplete the atmospheric ozone layer.



15 seconds
Automatically release aerosol re
extinguishing within 15 seconds

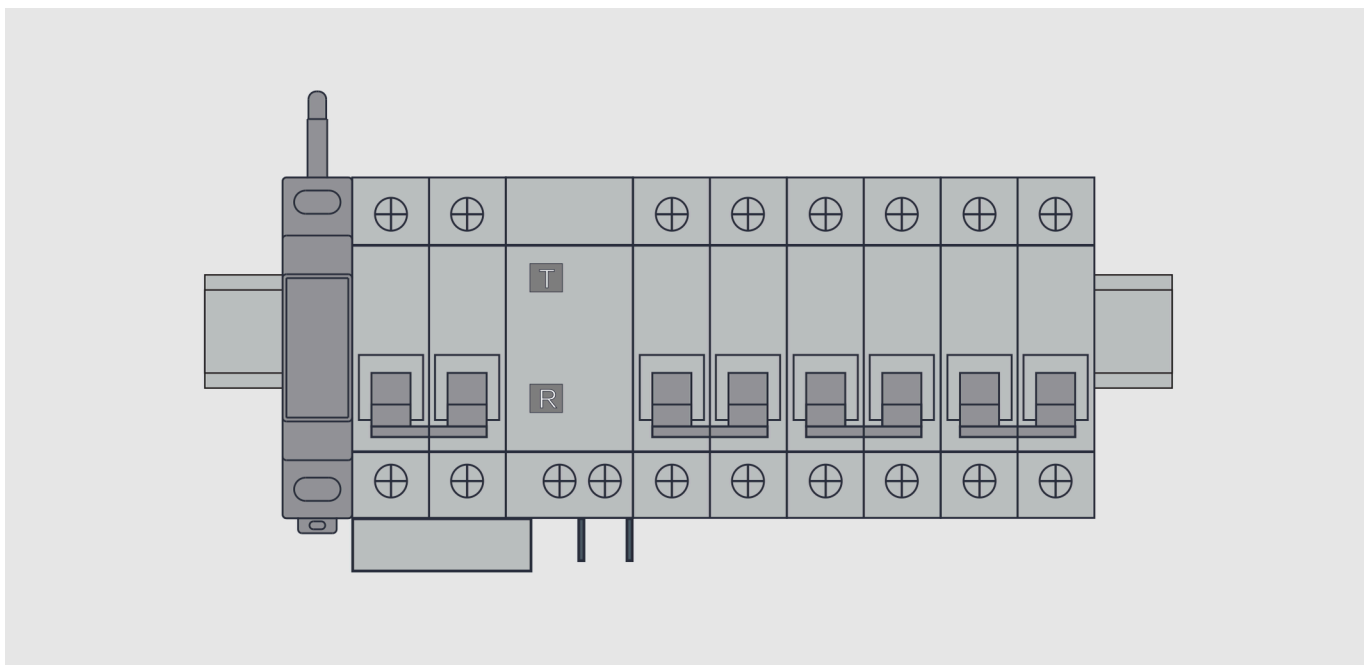
Hot Aerosol Fire
Extinguishing Device

FED pyrotechnic aerosol generating agent is a solid chemical mixture composed of an oxidizer, a reducing agent, a burning rate controller, and an adhesive. After being activated by electricity (heat), it undergoes an oxidation - reduction reaction on its own to form a large amount of aggregated fire extinguishing aerosol. The metal salt particles in the aerosol absorb a large amount of heat at high temperatures, thereby reducing the flame temperature and suppressing the combustion reaction. At the same time, under the action of heat, the gasified metal ions and cations in the fire - extinguishing aerosol gas can undergo an affinity reaction with the active groups in the combustion, repeatedly consuming a large number of active groups, reducing combustion free radicals, and efficiently absorbing the combustion free radicals in the flame, achieving a chemical inhibition effect. The N₂ and CO₂ in the fire - extinguishing aerosol can reduce the oxygen concentration during combustion. Through the combined action of multiple fire - extinguishing mechanisms such as physical and chemical means, the purpose of extinguishing the fire is achieved. The aerosol formed by the solid particles wrapped in the fire - extinguishing gas can remain suspended for a long time and spread to every corner, achieving high - efficiency fire extinguishing.

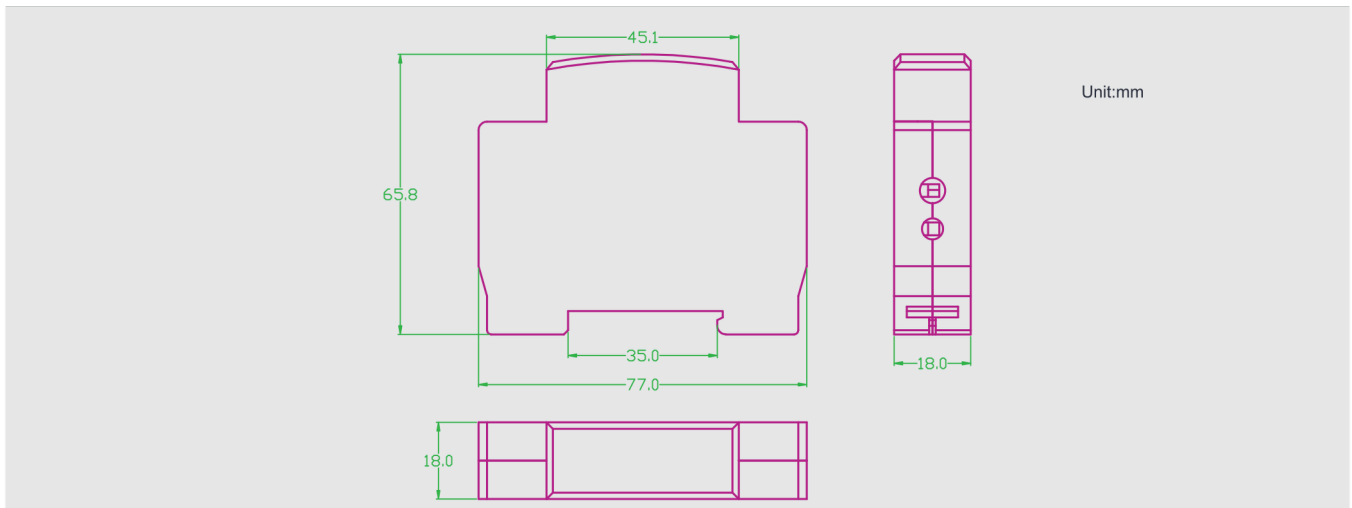
The main technical parameters

Part Numbers	FED
Chemical weight	10g
Protected Space	≤0.1m
Spraying Time	≤6s
Working Environment	-50~+90°C <95%RH
Medication Expiry Date	10 years
Installation Method	Standard guide rail xing
Product Size	87x18x60mm
Standards	BS EN 15276-1, BS EN 1527-2

Installation Method



Product and installation dimensions(MM)



Use And Maintenance

- When the fire extinguishing device is in normal working condition, the temperature sensor needs to be checked. The fire extinguishing device itself requires no maintenance during its validity period.

Notes

- This technical specification must be read carefully during installation and use. Corresponding protective measures should be prepared and operations should be standardized during installation;
- During the installation process, the nozzle of the fire extinguishing device must not face people;
- Fire extinguishing devices should not be installed in environments that are susceptible to rain or water, or have a high pH or corrosive environment;
- After the validity period expires, the user should contact the supplier;
- After the fire extinguishing device is activated, please contact an electrician within 24 hours.

Safety Tips

- Non-professionals are not allowed to disassemble it without authorization.
- After spraying, do not touch the shell until it cools down to prevent burns.

After-sale Service

- Our company will provide corresponding technical support for the products in accordance with the relevant national regulations on fire protection products.