

# FS0500

## Ferosol Nano Particle Fire Extinguishing Device

### Features:

FS0500 ferosol nano particles fire extinguishing device, which is the first of its kind in China, represents a state-of-the-art efficient green fire extinguisher product in the world. Featuring small size, simple operation and no need for pressurized container, FS0500 fixed fire extinguisher requires no pipe network installation and maintenance. It consists of new extinguishing compound which is efficient in fire extinguishment, non-toxic, safe, reliable, environment friendly and pollution free. As the ideal substitute for Halon fire extinguishers, FS0500 fixed fire extinguisher is mainly applied to extinguish fire in such sectors as communications, post and telecommunications, metallurgy, power and finance.

### Application:

FS0500 fixed fire extinguisher is suitable for extinguishing fires in following large and medium volumetric enclosures:

- 1、Electrical fires in communication rooms, computer rooms, substations/distribution rooms, generator rooms, cable pits, cable trenches and etc. ;
- 2、Fires in areas for production, use or storage of various Class C combustible liquids such as diesel oil (except No.-35 diesel oil), heavy oil, transformer oil, lubricating oil, animal oil and vegetable oil;
- 3、Surface solid fires in areas for production, use or storage of combustible solid materials.

### Operation instruction:

Please strictly follow below steps when using FS0500:

- 1、Calculate the quantity of FS0500 fixed fire extinguishers to be serially connected according to the volume of protected enclosure;
- 2、Connect and fix fire extinguishers in series using M4x12 screws;
- 3、Fix the holder of fire extinguishers into installation positions using M4x60 expansion bolts;
- 4、Fasten the fire extinguisher on the holder.
- 5、Open revolving door and connect the connection terminals of JR09 control box with corresponding ports of connection terminals of neighboring fire extinguisher using wires.



### Product type and technical specifications:

Product model	Effective protected enclosure (volume)	Discharge time				
FS0500	10m <sup>3</sup>	≤14S				
Thermal clearance	Surface temperature	Service life	Work temperature	Relative humidity	Dimensions	Weight
≤75°C at the point 500mm from nozzle	≤75°C	6y	-30°C~70°C	≤95%(40±2°)	196x184x282mm	6.5Kg

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