smartsecurity

HOW DOES FOAM FIRE EXTINGUISHER WORKS

A foam fire extinguisher works by smothering the flames and creating a barrier between the fire and its fuel source, effectively preventing re-ignition. When activated, the extinguisher releases a solution of foam concentrate mixed with water and air, forming an expanding foam that is ejected under pressure. This foam spreads over the burning surface, creating a thick layer that cuts off the fire's access to oxygen, one of the essential elements for combustion. Simultaneously, the water content in the foam cools the fuel and surrounding area, reducing the fire's temperature below its ignition point. The foam also seals the fuel surface, preventing the release of flammable vapors that could reignite the fire. Foam fire extinguishers are versatile, making them effective for both Class A (solid combustibles) and Class B (flammable liquids) fires, and are commonly used in offices, warehouses, and industrial settings

A
Fire Class

B
Fire Class

PERFORMANCE DATA

Model	25L
CODE NO.	XH-FEX-06W-25
Out-diameter(mm)	250
Cylinder Height(mm)	650
Material	st12
Max Working Pressure(Bar)	14
Test Pressure (Bar)	25
Temperture Range (C)	-30℃～+60℃
Carton Size	39*39*85cm/pc
CBM	0.14
Gross Weight(kg)	50