

HOW DOES CO2 FIRE EXTINGUISHER WORKS

A CO2 fire extinguisher is designed to combat fires by removing the oxygen supply that fuels combustion and rapidly cooling the affected area. It contains carbon dioxide (CO2) stored under high pressure in a liquid form. When the extinguisher is activated, the CO2 is released as a cold, high-pressure gas. This gas forms a dense cloud around the fire, effectively displacing oxygen and creating an environment where the fire cannot sustain itself.

The extreme cold of the CO2 also helps to cool the flames and the surrounding surfaces, further aiding in extinguishing the fire. CO2 fire extinguishers are particularly effective for Class B fires involving flammable liquids, such as oil, gasoline, or paint, and electrical fires, as they do not conduct electricity. Additionally, CO2 leaves no residue or damage to equipment, making it ideal for use in settings with sensitive electronics, such as offices, server rooms, or industrial sites.



Fire Class



Electrical

PERFORMANCE DATA

Model	10Kg	25Kg	45Kg
CODE NO.	XH-FEX-06C-10	XH-FEX-06C-25	XH-FEX-06C-45
Out-diameter	152	219	267
Cylinder Height	1030	1300	1490
Material	15L	38L	67L
Max Working Pressure(Bar)	CK45	CK45	CK45
Test Pressure (bar)	167	167	167
Temperture Range(° C)	250	250	250
Carton Size	-30°C~+55°C	-30°C~+55°C	-30°C~+55°C
CBM	23*28*113CM/PC	45*110*141CM/PC	48*55*150CM/PC
Gross Weight(kg)	34	98	165