

Cartridge Operated Type

ABC/Monnex Powder, Water and Foam Portable Fire Extinguishers



The **EVERSAFE®** range of portable cartridge operated type fire extinguishers is certified to **BS EN3** and is manufactured under an **ISO 9001** approved Quality System. Extinguishers are available in a wide range of sizes with ABC dry powder, Monnex powder, AFFF foam and water models.

The extinguisher bodies are fully deep drawn from cold rolled steel, and pressure tested to twice the extinguisher's working pressure. Cylinders are externally coated with polyester (with phosphate under treatment) for maximum corrosion resistance and have passed the 480-hour salt spray test. The water and foam extinguishers are internally coated with "performance polymer alloy" to prevent corrosion. Its chrome plated operating brass headcap is fitted with a safety relief valve.

Dry Powder (ABC) : ABC dry powder extinguisher is effective on Class **A** (carbonaceous) fire, Class **B** (flammable liquid) fire and Class **C** (flammable gas) fire. It is also suitable for use on live electrical fires.

Monnex Powder : Monnex powder extinguisher is recommended for high risk areas where rapid knockdown is required on Class **B** and **C** fires. Monnex is particularly suitable for use in refineries, petrochemical complexes and other high hazard areas.

Water : Water extinguisher is used for Class **A** fire involving carbonaceous materials such as wood, paper and textiles by cooling the fire and removing the heat needed for combustion. Water spray provides better wetting action that penetrates underlying burning materials and assist in reducing heat.

AFFF Foam : AFFF foam extinguisher is effective on **B** class hydrocarbon fuel fires such as oil, petroleum, aviation fuel, and is particularly suitable where fast knockdown is essential. It is compatible with all dry powders. Its excellent wetting characteristic make it useful in combating Class **A** fire as well.



Technical Specification

Model	EED-4c	EED-6c	EED-9c	EED-12c	EED-12cMX	EEW-6cs	EEW-9cs	EEF-6cs	EEF-9cs	EEF-9c
Type	Cartridge Operated Type									
Extinguishant	ABC Dry Powder				Monnex Powder	Water		AFFF Foam		
Capacity	4 kg	6 kg	9 kg	12 kg	9 kg	6 litres	9 litres	6 litres	9 litres	9 litres
CO ₂ Gas Cartridge	75g	110g	150g	225g	225g	55g	55g	55g	75g	75g
Valve / Headcap	CE Marked Controllable Chrome Plated Brass Headcap with Safety Relief Valve									
Body Diameter	158 mm	158 mm	178 mm	188 mm	188 mm	158 mm	178 mm	158 mm	178 mm	178 mm
Overall Height	468 mm	582 mm	624 mm	697 mm	697 mm	582 mm	624 mm	582 mm	624 mm	624 mm
Approx Full Weight	8.2 kg	10.9 kg	14.7 kg	19.7 kg	16.7 kg	11.1 kg	14.6 kg	11.1 kg	14.9 kg	14.9 kg
Working Temp. Range	- 20°C to + 60°C					+ 5°C to + 60°C				
Working Pressure	12 Bar									
Test Pressure	25 BAR									
Burst Pressure	Exceeds 69 Bar									
Approx Discharge Range	2 - 3 m	5 m	7 m	7 m	7 m	4 m	6 m	4 m	6 m	6 m
Approx Discharge Time	11 sec	21 sec	23 sec	31 sec	19 sec	32 sec	60 sec	58 sec	88 sec	50 sec
Fire Rating	13A:70B	27A:183B	34A:233B	43A:233B	233B	13A	21A	13A:144B	21A:183B	13A:183B
Fire Class	ABC + Electrical				BC	A + Electrical Safety Test*	A, B + Electrical Safety Test*			AB
Coating (Internal)	Stoving Epoxy Primer					Performance Polymer Alloy				
Paint Finishing	RAL 3000 Flame Red Polyester Powder Coating									
Mounting	Metal 'T' Wall Bracket									
Manufactured & Certified to	BS EN 3-7: 2004 + A1: 2007 and BS EN 3-8: 2006									

* Safe if in Accidental Contact with Live Electrical Equipment. Complies with Electrical Conductivity Test BS EN 3-7, Clause 9 Annex C.