



EMAIL COPY ONLY

Carbon Dioxide (CO₂) Fire Extinguisher

Established over 18 years ago, Exelgard is a leading supplier of fire protection products in Australia. We are part of the global operations of Tyco Fire Protection Services, one of the world's premier fire protection solution companies. Exelgard uses its global connections to source high quality products at competitive prices and provides excellent local support with our professional team of staff throughout Australia.

Carbon Dioxide (CO₂) fire extinguishers, distinguished by a black band around the top of the cylinder, use the non-conductive and non-corrosive CO₂ gas to reduce the amount of oxygen available to the fire, effectively smothering the fire. CO₂ is recommended by Australian Standards as "the preferred fire

extinguishant for use in electronic environments". CO₂ does not leave behind residue when used to extinguish a fire.

Exelgard offers a range of CO₂ type fire extinguishers, from 2 kg to 5 kg.

CO₂ fire extinguishers are suitable for fires of:

- > **Class B** – Flammable Liquids
- > **Class E** – Electrically Energized Equipment

	2.0 kg CO ₂	3.5 kg CO ₂	5.0 kg CO ₂
Agent Capacity	2.0 kg	3.5 kg	5.0 kg
Agent Type	Carbon Dioxide	Carbon Dioxide	Carbon Dioxide
Weight Full (approx)	5.1 kg	8.8 kg	12.2 kg
Fire Rating	2B:E	5B:E	5B:E
SAI Global Approved To	AS/NZS 1841.6	AS/NZS 1841.6	AS/NZS 1841.6
Discharge Time	12 sec	22 sec	29 sec
Effective Range	1 to 1.5 m	1 to 2 m	1 to 2 m
Dimensions - Height - Width - Depth	545 mm 270 mm 120 mm	590 mm 270 mm 150 mm	660 mm 270 mm 160 mm
Cylinder Pressure Test	5 Yearly	5 Yearly	5 Yearly
Periodic Test Pressure	20.7 MPa	20.7 MPa	20.7 MPa
Construction - Cylinder - Valve - Handles	Aluminium Brass Stainless Steel	Aluminium Brass Stainless Steel	Aluminium Brass Stainless Steel
Finish - Cylinder - Valve - Handles	Painted Red Nickel Plated Natural	Painted Red Nickel Plated Natural	Painted Red Nickel Plated Natural
Product Code	F0310	F0311	F0312



Fire Extinguishers					Fire Blankets	Fire Hose Reels	Signage	Fire Extinguisher Brackets	Smoke Alarms	Cabinets
ABE	BE	CO ₂	Wet Chemical	Water & Foam						
1.0 kg	1.0 kg	2.0 kg	3.5 L	9.1 L	1 m x 1 m	36 m x 19 m Complete	Location SML / MED / LGE	4.5 kg	Ionisation	HR H 1100 mm x W 760 mm x D 350 mm
2.0 kg	2.3 kg	3.5 kg	7.0 L		1.2 m x 1.2 m	36 m Hose Only	Identification BE ABE Foam Wet Chemical Water CO ₂	9.0 kg	Photoelectric	Recessed HR H 1100 mm x W 760 mm x D 350 mm
4.5 kg	4.5 kg	5.0 kg			1.8 m x 1.2 m	Nozzles				
9.0 kg	9.0 kg				1.8 m x 1.8 m					
4.5 kg HIGH PERF.							Fire Blanket Hose Reel			FX Medium 4.5 kg Large 9.0 kg

EXELGARD ALSO STOCKS A LARGE RANGE OF FIRE EQUIPMENT PARTS AND RELATED ACCESSORIES.

Know your fire extinguisher

TYPE OF FIRE EXTINGUISHER Colour scheme - AS 2444	A	B	C	E	F	NOTES: *Limited indicates that the extinguishant is not the agent of choice for the class of fire, but that it will have limited extinguishing capability. Class D fires involving combustible metal(s) use only special purpose extinguishers - please seek expert advice. Comments: (Refer Appendix A of AS 2444)
	Wood, Paper & Plastic	Flammable & Combustible Liquids	Flammable Gases	Energised Electrical Equipment	Cooking Oils and Fats	
Pre 1997: Post 1997: Powder ABE						Special Powders are available specifically for various types of metal fires. Seek expert advice.
Pre 1997: Post 1997: Powder BE						Special Powders are available specifically for various types of metal fires. Seek expert advice.
Pre 1997: Post 1997: Carbon Dioxide (CO ₂)						Generally not suitable for outdoor fires. Suitable only for small fires.
Pre 1997: Post 1997: Water						Dangerous if used on flammable liquid, energised electrical equipment and cooking oil/fat fires.
Pre 1997: Post 1997: Foam						Dangerous if used on energised electrical equipment.
Pre 1997: Post 1997: Wet Chemical						Dangerous if used on energised electrical equipment.
Pre 1997: Post 1997: Vaporising Liquid						Check the characteristics of the specific extinguishant.
Pre 1997: Post 1997: Fire Blanket						Use as a Blanket to wrap around a Human Torch. Ensure you replace after single use.
Pre 1997: Post 1997: Fire Hose Reel						Ensure you maintain a path of egress between you and the nearest exit.

HOW TO USE A FIRE EXTINGUISHER

Extinguishers come in a number of shapes and sizes. They all operate in a similar manner. Here's an easy acronym for fire extinguisher use:

P	PULL THE PIN – Break seal and test extinguisher.
A	AIM AT BASE OF FIRE – Ensure you have a means of escape.
S	SQUEEZE THE OPERATING HANDLE – To operate extinguisher and discharge the agent.
S	SWEEP FROM SIDE TO SIDE – Completely extinguish the fire.



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