



Carbon Dioxide (CO₂) 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 & Security, 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) 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

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

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

CO₂ 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





ABE	BE	CO ₂	Wet Chemical	Water & Foam	Fire Blankets	Hose Reels	Signage	Fire Extinguisher Brackets	Smoke Alarms	Cabinets
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 Fire Blanket Hose Reel	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					FX Medium 4.5 kg Large 9.0 kg
4.5 kg HIGH PERF.										

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

Know your extinguisher

TYPE OF 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)
Pre 1997	Post 1997	Wood, Paper & Plastic	Flammable & Combustible Liquids	Flammable Gases	Energised Electrical Equipment	Cooking Oils and Fats	
		Smiley	Smiley	Smiley	Smiley	Sad	Special Powders are available specifically for various types of metal fires. Seek expert advice.
		Sad	Smiley	Smiley	Smiley	Smiley	Special Powders are available specifically for various types of metal fires. Seek expert advice.
		LIMITED	LIMITED	Sad	Smiley	Sad	Generally not suitable for outdoor fires. Suitable only for small fires.
		Smiley	Sad	Sad	Sad	Sad	Dangerous if used on flammable liquid, energised electrical equipment and cooking oil/fat fires.
		Smiley	Smiley	Sad	Sad	LIMITED	Dangerous if used on energised electrical equipment.
		Smiley	Sad	Sad	Sad	Smiley	Dangerous if used on energised electrical equipment.
		Smiley	LIMITED	LIMITED	Smiley	Sad	Check the characteristics of the specific extinguishant.
		Sad	Sad	Sad	Sad	Smiley	Use as a Blanket to wrap around a Human Torch. Ensure you replace after single use.
		Smiley	Sad	Sad	Sad	Sad	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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