



## Powder Extinguisher (ABE)

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.

Powder extinguishers, distinguished by a white band around the top of the cylinder, are the most widely used type of extinguisher. They discharge a fine powder that absorbs fuel molecules, depriving the fire of a fuel source.

Powder extinguishers are available in a range of sizes, from a compact 1.0 kg domestic model to a 9 kg model suitable for industrial applications.

The ABE range also offers a 4.5 kg high performance fire extinguisher, which is mines approved.

Powder ABE Extinguishers are suitable for fires of:

- > **Class A** - Paper, Textiles, Wood, Most Plastics and Rubber
- > **Class B** - Flammable Liquids
- > **Class E** - Electrically Energized Equipment

	1.0 kg ABE	2.0 kg ABE	4.5 kg ABE	9.0 kg ABE	4.5 kg High Perf.
Agent Capacity	1.0 kg	2.0 kg	4.5 kg	9.0 kg	4.5 kg
Agent Type	ABC70 Powder	ABC70 Powder	ABC70 Powder	ABC70 Powder	Total Walther
Weight Full (approx)	1.7 kg	3.2 kg	7.5 kg	13.1 kg	7.6 kg
Fire Rating	1A:10B:E	2A:40B:E	4A:60B:E	6A:80B:E	4A:80B:E
SAI Global Approved To	AS/NZS 1841.5	AS/NZS 1841.5	AS/NZS 1841.5	AS/NZS 1841.5	AS/NZS 1841.5
Discharge Time	9 sec	14 sec	20 sec	26 sec	23 sec
Effective Range	3m	4m	5m	5m	5m
Dimensions - Height - Width - Depth	325mm 85mm 75mm	400mm 173mm 125mm	490mm 250mm 150mm	560mm 265mm 180mm	532mm 260mm 137mm
Cylinder Pressure Test	5 Yearly	5 Yearly	5 Yearly	5 Yearly	5 Yearly
Periodic Test Pressure	2.0 MPa	2.0 MPa	2.1 MPa	2.1 MPa	2.1 MPa
Operating Pressure	1035 kPa	1035 kPa	1350 kPa	1350 kPa	1345 kPa
Construction - Cylinder - Valve - Handles	Mild Steel Brass Mild Steel	Mild Steel Brass Mild Steel	Mild Steel Brass Mild Steel	Mild Steel Brass Mild Steel	Mild Steel Brass Mild Steel
Finish - Cylinder - Valve - Handles	Powder Coated Red Natural Powder Coated Red	Powder Coated Red Natural Powder Coated Red	Powder Coated Red Natural Powder Coated Red	Powder Coated Red Natural Powder Coated Red	Powder Coated Red Natural Powder Coated Red
Product Code	F0210	F0230	F0250	F0260	F0290





ABE	BE	CO <sub>2</sub>	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 <sub>2</sub> 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						
4.5 kg HIGH PERF.										FX Medium 4.5 kg Large 9.0 kg

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		
		Powder ABE	😊	😊	😊	😊	😞	Special Powders are available specifically for various types of metal fires. Seek expert advice.
		Powder BE	😞	😊	😊	😊	😊	Special Powders are available specifically for various types of metal fires. Seek expert advice.
		Carbon Dioxide (CO <sub>2</sub> )	😊 LIMITED	😊 LIMITED	😞	😊	😞	Generally not suitable for outdoor fires. Suitable only for small fires.
		Water	😊	😞	😞	😞	😞	Dangerous if used on flammable liquid, energised electrical equipment and cooking oil/fat fires.
		Foam	😊	😊	😞	😞	😊 LIMITED	Dangerous if used on energised electrical equipment.
		Wet Chemical	😊	😞	😞	😞	😊	Dangerous if used on energised electrical equipment.
		Vaporising Liquid	😊	😊 LIMITED	😊 LIMITED	😊	😞	Check the characteristics of the specific extinguishant.
		Fire Blanket	😞	😞	😞	😞	😊	Use as a Blanket to wrap around a Human Torch. Ensure you replace after single use.
		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:

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



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