

SENTRY® POWDER AUSTRALIAN HAND PORTABLE EXTINGUISHERS

Data/Specifications



FEATURES

- Economically priced
- Complies with AS/NZS 1841.5; 1997
- Simple operation and maintenance
- Tough, glare-resistant, one-piece mylar nameplates
- Rechargeable
- Manufactured of durable high quality materials
- Large, easy-to-read pressure gauge
- Manuals, parts lists, videotapes available for training purposes
- Six year limited warranty from date of delivery to original end-user purchaser
- Sold and serviced through distributors in Australia and New Zealand

APPLICATIONS

SENTRY® powder extinguishers are designed for protection of light and ordinary hazards. These extinguishers are suited for both industrial and commercial fire protection needs. Typical applications include light manufacturing, warehousing, restaurants, office buildings, shop areas, auto repair shops, paint process areas, welding areas, machinery, apartment buildings, parking garages, material handling vehicles, and many others.

DESCRIPTION





1. SENTRY shells are produced by a single step cold deep draw process which yields a seamless steel cylinder with an extremely high tensile strength.
2. ANSUL's unique pre-treatment of the raw low carbon steel not only consists of a cleaning process, but also applies a special lubricant which helps keep the interior and exterior shell surfaces scratch free.
3. The collar and specially preformed bottom enclosure are MIG welded to produce a smooth, high integrity weld.
4. Extinguisher shells are 100% factory air tested to 4140 kPa.
5. The powder paint process used by ANSUL is superior to conventional liquid based paint systems in its ability to resist blistering, cracking, fading, chipping and corrosion.
6. Before the extinguisher shells are painted, they are pre-treated using a special iron phosphate bonding process. This enhances the paint adhesion and corrosion resistance.
7. The specially formulated polyester powder paint is electrostatically applied and oven cured to help ensure complete coverage and uniform paint thickness.
8. Easy grip extinguisher handles designed for maximum portability, allowing operators to fight the fire without removing work gloves.
9. SENTRY extinguisher valve bodies are made from a durable extruded aluminum alloy or brass.
10. Completed valve assemblies feature plated steel valve stems which contain O-Ring and seat material compatible with the powder to provide reliable performance and long life.
11. Rugged all-steel pick-up tubes help provide proper and dependable agent flow through the valve body.

12. SENTRY extinguishers have large, colour-coded pressure gauges which provide a quick visual indication of unit readiness.
13. Metal ring pins are utilized and held in place by a visual inspection seal to help prevent accidental discharges.
14. One piece mylar label with easy-to-read pictograms provides the user with step-by-step operating instructions and the hazard classes for which the extinguisher was designed. Label also contains useful recharge, maintenance, inspection, operating temperature, and model information.
15. ANSUL valve subassemblies are 100% tested for functionality before final assembly.
16. SENTRY extinguishers are vacuum-filled at the factory to precise filling tolerances.
17. Pressurized to 1340 kPa (1.1 and 2.3 kg), and 1620 kPa (4.5 and 9.0 kg), and 100% leak tested utilizing mass spectrometry technology.
18. Injection moulded nozzle tips are designed to tight specifications and maximize the extinguishment capabilities of the particular model and agent.
19. SENTRY extinguishers are shipped from the factory in individual recyclable corrugated cardboard cartons. Designed and field tested to help assure your extinguishers arrive undamaged and ready for operation. The glued one-piece cartons have carrying handles and a pressure gauge inspection port.
20. All SENTRY extinguisher cartons are properly labelled for ease of shipping.
21. ANSUL's powder extinguishing agents are manufactured from the high quality raw materials and are carefully blended to meet stringent performance specifications. These powders are then tested to be free-flowing, water repellent and electrically nonconductive.
22. As a final quality control step, SENTRY extinguishers are randomly sampled for performance testing, which includes weight percent discharge and discharge times.

AGENT

FORAY® – A monoammonium phosphate-based agent for use on Class A (wood, paper, cloth), Class B (flammable liquids), and Class E (electrical) fires.

SPECIFICATIONS

Powder Extinguishers	1.1 kg	2.3 kg	4.5 kg		9.0 kg	
	 007513	 007514	 007440	 007441		
Extinguisher Part No.	434322 (Aluminum)	434323 (Aluminum)	434361 (Aluminum)	434364 (Brass)	429362 (Aluminum)	429365 (Brass)
Bracket Part No.	24610	429146	30865	30865	30937	30937
Agent Capacity	1.1 kg	2.3 kg	4.5 kg	4.5 kg	9.0 kg	9.0 kg
Rating	1A:10B:E	3A:30B:E	4A:80B:E	4A:80B:E	6A:80B:E	6A:80B:E
Discharge Time	10 seconds	13 seconds	22 seconds	22 seconds	24 seconds	24 seconds
Maximum Effective Range	4.6 m	5.2 m	5.8 m	5.8 m	6.7 m	6.7 m
Operating Temperature Range	-40 °C to 49 °C	-40 °C to 49 °C	-40 °C to 49 °C	-40 °C to 49 °C	-40 °C to 49 °C	-40 °C to 49 °C
Operating Pressure	1340 kPa	1340 kPa	1620 kPa	1620 kPa	1620 kPa	1620 kPa
Agent Flow Rate	0.11 kg/sec.	0.18 kg/sec.	0.20 kg/sec.	0.20 kg/sec.	0.38 kg/sec.	0.38 kg/sec.
Charged Weight (with agent)	2.4 kg	4.2 kg	7.9 kg	8.2 kg	14.60 kg	14.60 kg
Dimensions:						
Height	362 mm	432 mm	470 mm	470 mm	572 mm	572 mm
Width	140 mm	216 mm	216 mm	216 mm	241 mm	241 mm
Depth	86 mm	113 mm	148 mm	148 mm	183 mm	183 mm

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