



A Tyco International Company

RED LINE WHEELED EXTINGUISHER MODELS 150-D, 350-D

Data/Specifications

FEATURES

- Listed by Underwriters Laboratories (UL), Underwriters Laboratories of Canada (ULC).
- Factory Mutual (FM) and USCG approved.
- Three ANSUL dry chemical extinguishing agents available: PLUS-FIFTY C, FORAY or Purple-K.
- No pressure regulator required, reducing maintenance costs and producing smooth agent flow.
- Easy pressurization by turning the nitrogen cylinder hand valve.
- Simple operation provided by discharge nozzle with two-position ball valve.
- Aluminum nozzle barrel provides a solid, round agent stream.
- Standard fill cap indicates when unit is pressurized.
- Options: long range nozzle, quick-opening nitrogen cylinder valve, wide wheels, rubber coated tire, low temperature models, and 100 ft (30 m) hose.
- Six-year limited warranty.

APPLICATION

RED LINE Wheeled Fire Extinguishers are manufactured to provide protection for hazardous areas where the potential exists for large fires. They can be strategically located to provide maximum protection for a wide variety of hazards, while taking up a minimum of space, and requiring only one trained person for operation.

These extinguishers are available with three types of ANSUL dry chemical extinguishing agents giving them the versatility to protect many types of fire hazards.

This wheeled extinguisher is completely self-contained. An attached nitrogen cylinder is the only pressure source required to completely expel the fire extinguishing agent. The pressure remaining in the tank after operation is sufficient for cleaning dry chemical from the discharge hose.

Some typical applications include paint spray booths, dip and quench tanks, offshore platforms, loading racks, fuel storage areas, airports, and heavy manufacturing operations.

DESCRIPTION

Agent Tank – The extinguisher tank is manufactured of welded steel construction with two elliptical dished heads and welded circumferential seams. The tank is designed and constructed for a working pressure of 250 psi (17.2 bar). The top of the tank is fitted with a 4 in. (10 cm) ID fill opening. The tank head has a brass bonded safety relief with bursting disc which will vent at approximately 425 psi (29.3 bar).

Nitrogen Cylinder and Valve – The nitrogen cylinder is mounted in a vertical position and permits easy access. Volumes are 23 cu ft (0.65 m³) for the 150-D and 55 cu ft (1.55 m³) for the 350-D. Both sizes are Medical "E" nitrogen cylinders.

Each cylinder is equipped with a conventional hand wheel nitrogen cylinder valve and visual pressure gauge. A quick-opening valve is available as an option. Both valves are UL/ULC listed.

RED LINE CR-I-A-150-D-1



00043

RED LINE CR-WW-I-K-350-D-1



00070

RED LINE CR-RT-I-K-350-D



00047

Hoses, Valves and Nozzles – The extinguisher is equipped with cadmium-plated brass couplings. The nitrogen hose assembly is 3/8 in. (10 mm) ID with zinc-plated brass couplings.

The nozzle consists of a two-position ball valve and barrel. The nozzle barrel is a converging-diverging aluminum type. The nozzle ball valve assembly is chrome-plated brass.

Nameplates – The nameplate is glare-resistant etched aluminum, and contains hazard identification plus operating and maintenance instructions.

Finish – In addition to the standard surface preparation procedures, the steel parts are primed using a corrosion resistant epoxy primer. The top coat is a polyester epoxy paint applied as a liquid and oven or air cured. The dry film is continuous and a minimum thickness of 5-7 mils. The fill cap and nozzle body are black anodized for added corrosion resistance.

Temperature – Standard models are equipped with nitrogen cylinders which are listed and approved for operation in environments with temperatures between -40 °F to 120 °F (-40 °C to 48.8 °C).

Low Temperature – LT models: -65 °F to 120 °F (-54 °C to 48.8 °C).

Model No. Part No. (UL)	CR-I-150-D 53868	CR-LR-I-150-D ^[1] 55355	CR-I-K-150-D 53874	CR-LR-I-K-150-D ^[1] 55357	CR-I-A-150-D-1 435050
Model No. Part No. (ULC)	CR-I-150-D-1 435318	—	CR-I-K-150-D-1 435332	—	CR-I-A-150-D-1 435052
Capacity/Agent	150 lb (68.0 kg)/ PLUS-FIFTY C	150 lb (68.0 kg)/ PLUS-FIFTY C	125 lb (56.7 kg)/ Purple-K	125 lb (56.7 kg)/ Purple-K	125 lb (56.7 kg)/ FORAY
UL/ULC Rating	240-B:C	80-B:C	320-B:C	80-B:C	30-A-240-B:C
Fire Suppression Capability ^[2]					
Novice Operator	240 ft ² (22.3 m ²)	80 ft ² (7.4 m ²)	320 ft ² (29.7 m ²)	80 ft ² (7.4 m ²)	240 ft ² (22.3 m ²)
Experienced Operator	600 ft ² (55.7 m ²)	200 ft ² (18.6 m ²)	800 ft ² (74.3 m ²)	200 ft ² (18.6 m ²)	600 ft ² (55.7 m ²)
Standard Hose	3/4 in. x 50 ft (19 mm x 15 m)	3/4 in. x 50 ft (19 mm x 15 m)	3/4 in. x 50 ft (19 mm x 15 m)	3/4 in. x 50 ft (19 mm x 15 m)	3/4 in. x 50 ft (19 mm x 15 m)
Discharge Time	47 sec	42 sec	48 sec	39 sec	49 sec
Effective Range	25 ft (7.6 m)	35 ft (10.7 m)	35 ft (10.7 m)	35 ft (10.7 m)	25 ft (7.6 m)
Agent Flow Rate	2.9 lb/sec (1.31 kg/sec)	4.1 lb/sec (1.86 kg/sec)	2.6 lb/sec (1.17 kg/sec)	3.96 lb/sec (1.8 kg/sec)	2.57 lb/sec (1.17 kg/sec)
Charged Weight (with agent) and Shipping Weight	354 lb (160.6 kg)	354 lb (160.6 kg)	329 lb (149.2 kg)	329 lb (149.2 kg)	329 lb (149.2 kg)
Dimensions (H)	45.5 in. (1156 mm)	45.5 in. (1156 mm)	45.5 in. (1156 mm)	45.5 in. (1156 mm)	45.5 in. (1156 mm)
(W)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)
(D)	36 in. (914 mm)	36 in. (914 mm)	36 in. (914 mm)	36 in. (914 mm)	36 in. (914 mm)
Options:					
Hose	N/A	3/4 in. x 100 ft (19 mm x 15 m)	3/4 in. x 100 ft (19 mm x 15 m)	3/4 in. x 100 ft (19 mm x 15 m)	N/A
Quick-Opening Valve		X	X	X	X
Wide Wheels	N/A	N/A	N/A	N/A	N/A
Rubber Tire ^[3]	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Listings/ Approvals	UL/ULC, FM, USCG	UL, FM, USCG	UL/ULC, FM, USCG	UL, FM, USCG	UL/ULC, FM, USCG

ABBREVIATIONS

A FORAY Agent
CR Corrosion Resistant
I Indicator Fill Cap
K Purple-K Agent

LR Long Range
LT Low Temperature
RT Rubber Tire
WW Wide Wheel

Note: [1] Long range nozzles are specifically designed to fight pressure fires (flammable liquids or gases under pressure)

[2] Underwriters Laboratories (UL and ULC) classifies a "novice operator" as one who has little or no experience in operating a fire extinguisher

[3] Not available for ULC

	CR-I-350-D 53879	CR-LR-I-350-D^[1] 54133	CR-I-K-350-D 53887	CR-LR-I-K-350-D^[1] 54134	CR-I-A-350-D-1 435056
	CR-I-350-D-1 435320	---	CR-I-K-350-D-1 435336	---	CR-I-A-350-D-1 435058
	350 lb (159 kg)/ PLUS-FIFTY C	350 lb (159 kg)/ PLUS-FIFTY C	300 lb (136.4 kg)/ Purple-K	300 lb (136.4 kg)/ Purple-K	300 lb (136.4 kg)/ FORAY
	320-B:C	120-B:C	640-B:C	160-B:C	40-A:320-B:C
	320 ft ² (29.7 m ²)	120 ft ² (11.1 m ²)	640 ft ² (59.5 m ²)	160 ft ² (14.9 m ²)	320 ft ² (29.7 m ²)
	800 ft ² (74.3 m ²)	300 ft ² (27.9 m ²)	1600 ft ² (148.6 m ²)	400 ft ² (37.2 m ²)	800 ft ² (74.3 m ²)
	1 in. x 50 ft (25 mm x 15 m)	1 in. x 50 ft (25 mm x 15 m)	1 in. x 50 ft (25 mm x 15 m)	1 in. x 50 ft (25 mm x 15 m)	1 in. x 50 ft (25 mm x 15 m)
	59 sec	42 sec	80 sec	38 sec	56 sec
	30 ft (9.1 m)	40 ft (12.2 m)	40 ft (12.2 m)	40 ft (12.2 m)	30 ft (9.1 m)
	6 lb/sec (2.72 kg/sec)	8 lb/sec (3.64 kg/sec)	3.8 lb/sec (1.72 kg/sec)	8 lb/sec (3.64 kg/sec)	5.3 lb/sec (2.4 kg/sec)
	740 lb (335.7 kg)	740 lb (335.7 kg)	690 lb (313.0 kg)	690 lb (313.0 kg)	690 lb (313.0 kg)
	57 in. (1448 mm)	57 in. (1448 mm)	57 in. (1448 mm)	57 in. (1448 mm)	57 in. (1448 mm)
	34 in. (864 mm)	34 in. (864 mm)	34 in. (864 mm)	34 in. (864 mm)	34 in. (864 mm)
	47 in. (1194 mm)	47 in. (1194 mm)	47 in. (1194 mm)	47 in. (1194 mm)	47 in. (1194 mm)
	1 in. x 100 ft (25 mm x 15 m)	1 in. x 100 ft (25 mm x 15 m)	1 in. x 100 ft (25 mm x 15 m)	1 in. x 100 ft (25 mm x 15 m)	1 in. x 100 ft (25 mm x 15 m)
	X	X	X	X	X X
	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
	N/A	CR-LR-RT-I-350-D Part No. 54527 specs same as above plus rubber tire	CR-RT-I-K-350-D Part No. 54521 specs same as above plus rubber tire	CR-LR-RT-I-K-350-D Part No. 54529 specs same as above plus rubber tire	N/A
	UL/ULC, FM, USCG	UL, FM, USCG	UL/ULC, FM, USCG	UL, FM, USCG	UL/ULC, FM, USCG

Low Temperature Models (ULC)

Model No. Part No. (ULC)	CR-LT-I-K-150-D-1 435334	CR-LT-I-A-150-D-1 435054	CR-LT-I-K-350-D-1 435338	CR-LT-I-A-350-D-1 435060
Capacity/Agent	125 lb (56.7 kg)/ Purple-K	125 lb (56.7 kg)/ FORAY	300 lb (136.4 kg)/ Purple-K	300 lb (136.4 kg)/ FORAY
UL/ULC Rating	320-B.C	30-A:240-B.C	640-B.C	40-A:320-B.C
Fire Suppression Capability ^[2]				
Novice Operator	320 ft ² (29.7 m ²)	240 ft ² (22.3 m ²)	640 ft ² (59.5 m ²)	240 ft ² (22.3 m ²)
Experienced Operator	800 ft ² (74.3 m ²)	600 ft ² (55.7 m ²)	1600 ft ² (148.6 m ²)	600 ft ² (55.7 m ²)
Standard Hose	3/4 in. x 50 ft (15 m)	3/4 in. x 50 ft (15 m)	1 in. x 50 ft (15 m)	1 in. x 50 ft (15 m)
Discharge Time	51 sec	49 sec	80 sec	56 sec
Effective Range	35 ft (10.7 m)	25 ft (7.6 m)	40 ft (12.2 m)	30 ft (9.1 m)
Agent Flow Rate	2.6 lb/sec (1.17 kg/sec)	2.57 lb/sec (1.17 kg/sec)	3.8 lb/sec (1.72 kg/sec)	5.3 lb/sec (2.4 kg/sec)
Charged Weight (with agent) and Shipping Weight	329 lb (149.2 kg)	329 lb (149.2 kg)	690 lb (313.0 kg)	690 lb (313.0 kg)
Dimensions (H)	45.5 in. (1156 mm)	45.5 in. (1156 mm)	57 in. (1448 mm)	57 in. (1448 mm)
(W)	24 in. (610 mm)	24 in. (610 mm)	34 in. (864 mm)	34 in. (864 mm)
(D)	36 in. (914 mm)	36 in. (914 mm)	47 in. (1194 mm)	47 in. (1194 mm)
Options:				
Hose	3/4 in. x 100 ft (19 mm x 30 m)	N/A	1 in. x 100 ft (19 mm x 30 m)	1 in. x 100 ft (19 mm x 30 m)
Quick-Opening Valve	X	X	X	X
Wide Wheels	N/A	N/A	N/A	N/A
Rubber Tire ^[3]	N/A	N/A	N/A	N/A
Listings/ Approvals	ULC	ULC	ULC	ULC

ABBREVIATIONS

A	FORAY Agent	LR	Long Range
CR	Corrosion Resistant	LT	Low Temperature
I	Indicator Fill Cap	RT	Rubber Tire
K	Purple-K Agent	WW	Wide Wheel

Note: ^[1] Long range nozzles are specifically designed to fight pressure fires (flammable liquids or gases under pressure)

^[2] Underwriters Laboratories (UL and ULC) classifies a "notice operator" as one who has little or no experience in operating a fire extinguisher

^[3] Not available for ULC



A Tyco International Company

SENTRY DRY CHEMICAL HAND PORTABLE EXTINGUISHERS

Data/Specifications

FEATURES

- Economically priced
- Meets or exceeds requirements of ANSI/UL 299 and 711, or UL C S504 and S508
- USCG approved with proper bracket
- Simple operation and maintenance
- Tough, glare-resistant, one-piece mylar nameplates
- Rechargeable
- Manufactured of durable high quality materials
- Choice of dry chemical agents to satisfy specific protection requirements
- Large, easy-to-read pressure gauge
- Manuals, parts lists, videos available for training purposes
- Hand portable fire fighting training at the world renowned ANSUL Fire School
- Six-year limited warranty from date of delivery to original end-user purchaser
- Sold and serviced through an international network of independent distributors in every state and most foreign countries
- 2 1/2 and 5 lb units also available with vehicle bracket

APPLICATIONS

SENTRY dry chemical extinguishers are designed for protection of light and ordinary hazards. These compact and portable extinguishers are suited for both industrial and commercial fire protection needs. All extinguishers are designed to fit most wall mounted storage cabinets. Typical applications include light manufacturing, warehousing, restaurants, office buildings, shop areas, auto repair shops, paint process areas, welding areas, machinery, apartment buildings, parking garages, aircraft servicing areas, material handling vehicles, and many others.

DESCRIPTION

1. SENTRY shells are produced by a cold deep draw process which yields a seamless steel cylinder with a high tensile strength.
2. 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 in excess of 600 psi (41.4 bar).
5. The powder paint process 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 surface treated with a blasting or phosphate bonding process. This enhances the paint adhesion and corrosion resistance.
7. The specially formulated powder paint is electrostatically applied and oven cured to help ensure complete coverage and uniform paint thickness.
8. Easy grip extinguisher handles are 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.

10. Completed valve assemblies feature plated steel valve stems which contain O-Ring and seat material compatible with the agent 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. Aluminum alloy hose ferrules are anodized to resist oxidation.
13. SENTRY extinguishers have large, color-coded pressure gauges which provide a quick visual indication of unit readiness.
14. Metal ring pins are utilized and held in place by a visual inspection seal to help prevent accidental discharges.
15. One piece, multilingual, color-coded 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, HMIS and model information.
16. Large, easy-to-scan bar coded model and UL/ULC serial numbers simplify inspection and maintenance record keeping.
17. Valve subassemblies are 100% tested for functionality before final assembly.
18. SENTRY extinguishers are vacuum-filled at the factory to precise filling tolerances.
19. Pressurized to 195 psi (13.4 bar), and 100% leak tested utilizing mass spectrometry technology.
20. Injection molded nozzle tips are designed to tight specifications and maximize the extinguishment capabilities of the particular model and agent.
21. 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.
22. All SENTRY extinguisher cartons are properly labeled according to the latest DOT regulations for ease of shipping in the field.
23. ANSUL dry chemical extinguishing agents are manufactured from the high quality raw materials and are carefully blended to meet stringent performance specifications. These agents are then tested to be free-flowing, water repellent and electrically nonconductive.
24. 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) and Class B (flammable liquids and gases) fires, and Class C (electrical) conductivity.

Purple-K – A potassium bicarbonate-based agent which is the most effective ANSUL agent for knock-down of Class B (flammable liquids and gases) fires, and Class C (electrical) conductivity.

PLUS-FIFTY C – A sodium bicarbonate-based agent for use on Class B (flammable liquids and gases) fires and Class C (electrical) conductivity.

ORDERING INFORMATION

For fire protection assistance, see your nearest authorized ANSUL distributor listed in your local yellow pages and at www.ansul.com; or contact your local ANSUL sales representative.

SPECIFICATIONS
Dry Chemical Extinguishers
SENTRY 2 1/2

SENTRY 5

SENTRY 10

SENTRY 20


Model	AAUS-1AA5VB-1	A5AA5VB	PK05	C05	AA10S	PK10S	C10S	AA20-1	PK20	C20
Extinguisher Part No. (except Canada) ¹	434722/434725	42601/429102	42601/429102	42614	436500	436494	436497	434747	420011	420017
Extinguisher Part No. (Canada) ²	434723/434726	426527/426528	—	—	436500	436791	436801	434765	434276	—
Bracket Part No.	24610	429146	429146	429146	436793	436793	436793	30637	30637	30637
Agent Capacity	2.1 (0.7 kg) FOA-R	5 lb (2.27 kg) FOA-R	5 lb (2.27 kg) FOA-R	5 lb (2.27 kg) PUS-FFTY-C	10 lb (4.54 kg) FOA-R	10 lb (4.54 kg) Paper-K	10 lb (4.54 kg) PUS-FFTY-C	20 lb (9.07 kg) FOA-R	20 lb (9.07 kg) Paper-K	20 lb (9.07 kg) PUS-FFTY-C
UL/ULC Rating	1-A, 10-B-C	3-A, 10-B-C	60-B-C	49-B-C	4-A, 10-B-C	80-B-C	60-B-C	10-A, 120-B-C	120-B-C	80-B-C
Coast Guard Classification	Type B, C, Size I	Type A, Size II Type B, C, Size I	Type B, C, Size I	Type B, C, Size I	Type A, Size II Type B, C, Size II	Type B, C	Type B, C, Size II	Type A, Size II Type B, C, Size III	Type B, C, Size II	Type B, C, Size II
Discharge Time	9 seconds	14 seconds	17 seconds	14 seconds	21 seconds	22 seconds	19 seconds	28 seconds	30 seconds	21 seconds
Maximum Effective Range	11 ft (3.4 m)	14 ft (4.3 m)	16 ft (4.9 m)	16 ft (4.9 m)	20 ft (6.1 m)	20 ft (6.1 m)	16 ft (4.9 m)	22 ft (6.7 m)	22 ft (6.7 m)	22 ft (6.7 m)
Operating Temperature Range	-65 F to 120 F (-54 C to 49 C)	-65 F to 120 F (-54 C to 49 C)	-65 F to 120 F (-54 C to 49 C)	-65 F to 120 F (-54 C to 49 C)	-65 F to 120 F (-54 C to 49 C)	-65 F to 120 F (-54 C to 49 C)	-65 F to 120 F (-54 C to 49 C)	-65 F to 120 F (-54 C to 49 C)	-65 F to 120 F (-54 C to 49 C)	-65 F to 120 F (-54 C to 49 C)
Agent Flow Rate	0.31 lb/sec (0.14 kg/sec)	0.38 lb/sec (0.16 kg/sec)	0.30 lb/sec (0.14 kg/sec)	0.35 lb/sec (0.16 kg/sec)	0.52 lb/sec (0.24 kg/sec)	0.46 lb/sec (0.21 kg/sec)	0.59 lb/sec (0.27 kg/sec)	0.72 lb/sec (0.30 kg/sec)	0.67 lb/sec (0.30 kg/sec)	0.69 lb/sec (0.45 kg/sec)
Charged Weight (with agent)	5 lb (2.27 kg)	9 lb, 14 oz (4.15 kg)	9 lb, 14 oz (4.15 kg)	9 lb, 14 oz (4.15 kg)	17 lb, 0 oz (7.73 kg)	17 lb, 14 oz (8.03 kg)	17 lb, 14 oz (8.03 kg)	32 lb, 2 oz (14.60 kg)	32 lb, 2 oz (14.60 kg)	32 lb, 2 oz (14.60 kg)
Dimensions: Height	14 1/4 in (362 mm)	17 in (432 mm)	17 in (432 mm)	17 in (432 mm)	20 1/2 in (520 mm)	20 1/2 in (520 mm)	16 1/2 in (418 mm)	22 1/2 in (572 mm)	22 1/2 in (572 mm)	22 1/2 in (572 mm)
Width	5 1/2 in (140 mm)	8 1/2 in (216 mm)	8 1/2 in (216 mm)	8 1/2 in (216 mm)	9 1/2 in (241 mm)	9 1/2 in (241 mm)	9 1/2 in (241 mm)	9 1/2 in (241 mm)	9 1/2 in (241 mm)	9 1/2 in (241 mm)
Depth	3 3/8 in (86 mm)	4 7/16 in (113 mm)	4 7/16 in (113 mm)	4 7/16 in (113 mm)	5 1/4 in (135 mm)	5 1/4 in (135 mm)	5 1/4 in (135 mm)	7 1/2 in (188 mm)	7 1/2 in (188 mm)	7 1/2 in (188 mm)
Fire Suppression Capability ³	10 ft ² (0.93 m ²) 26 ft ² (2.4 m ²)	10 ft ² (0.93 m ²) 25 ft ² (2.3 m ²)	10 ft ² (0.93 m ²) 25 ft ² (2.3 m ²)	10 ft ² (0.93 m ²) 25 ft ² (2.3 m ²)	40 ft ² (3.7 m ²) 100 ft ² (9.3 m ²)	60 ft ² (5.6 m ²) 150 ft ² (13.9 m ²)	60 ft ² (5.6 m ²) 150 ft ² (13.9 m ²)	120 ft ² (11.1 m ²) 300 ft ² (27.9 m ²)	120 ft ² (11.1 m ²) 300 ft ² (27.9 m ²)	120 ft ² (11.1 m ²) 300 ft ² (27.9 m ²)

¹ U.S. Listed, English/Spanish instructions.
² U.L.C. Listed, English/Canadian French nomenclatures.
³ Underwriters Laboratories classifies a "novice operator" as one who has little or no experience in operating a fire extinguisher.

Approvals: DOT, USCG (28 Models with proper bracket)
 NOTE: VB denotes with vehicle basket

Hydrulic Test Requirement: Once every 12 years (All Models)
 Operating Pressure: 150 psi (13.4 bar)

K-GUARD® K01-2 型 手持操作便携式灭火器 数据/规格

ANSUL

特性

- 满足或超过 UL 标准 8 和标准 711 的要求
- 满足 NFPA 10 的要求
- 操作和维护十分简单
- 广角、缓和排放喷射模式
- 不锈钢波纹管式压力表
- 条形铭铭牌
- 可重新装料
- 通过各州和多数海外国家/地区都有的一个独立分销商网络进行销售和维修
- ULI 评定为 2-A-K
- ULC 评定为 1-A-K
- ▶ 工厂装料并增压
- 不锈钢吸液管

应用场所

K-GUARD® 液体灭火器是专门针对由商业烹饪设备中的可燃烹饪植物油或动物油引发的火灾而设计。典型设备包括：煎锅、平锅、炉灶盖、直立式转炉、天然木炭或链型烤器，以及电器、熔岩、咖啡豆或气热、炭热烤器和炒菜锅。

效率更高的新型烹饪设备，再加上采用非浸透的食用油，需要不但可以灭火而且还有冷却效果的灭火器。

此灭火器非常适合在饭店、医院、疗养院、宾馆、学校、机场和其它类似场所使用。

同时，它还可用作自动灭火系统的备用。

为了实现在完全灭火，并使烹饪设备冷却到自燃温度以下，应通过自动灭火系统切断烹饪设备的能量来源。

说明

K-GUARD 灭火器是一种易于使用和维护因而很受用户欢迎的不锈钢灭火器。

- ▶ 此灭火器中使用的 ANSULEX® Low pH 灭火剂是一种专门配制的水溶液。开发此灭火器的目的是实现快速灭火，并妥善保管像食用油这样的高温燃料。

代码

满足 NFPA 10 的新 K 类（可燃烹饪设备）灭火要求。



000077

规格

- ▶ 型号 K01-2
- ULI 等级 2-A-K
- ULC 等级 1-A-K
- ▶ 容量 1.6 加仑 (6 升) ANSULEX Low pH 灭火剂
- 灭火器高度 21.25 英寸 (540 毫米)
- 宽度 9.5 英寸 (241 毫米)
- 深度 (直径) 7 英寸 (178 毫米)
- 射程 8-10 英尺 (2.4-3.1 米)
- 喷射时间 大约 45 秒
- ▶ 温度范围 -20 °F 到 120 °F (-29 °C 到 49 °C)
- 固定架 壁挂

订购信息

- | 说明 | 零件编号 |
|-------------------------------|-----------------------------|
| ▶ K-GUARD K01-2 型
液体灭火器灭火器 | 432843 (UL)
432848 (ULC) |
| 3 加仑容器 | 79372 |
| ▶ ANSULEX Low pH 液体灭火剂 | |

▶ ANSUL, K-GUARD 和 ANSULEX Low pH 是 Ansol Incorporated 或其附属公司的商标。

ANSUL

tyco Fire & Security

Tyco Safety Products
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www.ansul.com

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表格编号 F-9862-S_ZH

SENTRY® 二氧化碳 手持操作便携式灭火器

数据/规格



特性

- 操作和维护十分简单。
- 小巧的便携式设计。
- 不腐蚀、不导电、清洁的灭火剂。
- 钢制外壳经深冲压后具有更高的抗张强度，且重量比普通铁制外壳要轻。钢制外壳还有一个带凹槽的底座，以防因长期使用而发生腐蚀。
- 也可以提供轻便的铝制外壳。
- 钢制和铝制外壳都有 5、10、15 和 20 磅容量的型号。
- 所有型号均通过 UL 认证。铝制外壳的型号还经过 ULC 认证。
- 5、10 和 15 磅型号带有重型车辆固定架，已获得美国海岸警卫队批准，可应用于船舶上。多数其他制造商的固定架均不符合海岸警卫队的要求。
- 操作温度范围为 -40°F 至 120°F (-40°C 至 49°C)

应用场所

ANSUL 二氧化碳灭火器设计为保护可能发生 B 类（易燃液体和气体）或 C 类（通电的电器设备）火灾的区域。它们可用于室内区域，在这些地方，风和气流不影响喷射，或者要求使用清洁的灭火剂。

典型应用场所包括：

- 实验室
- 电子设备
- 低压电器设备
- 城市消防队

说明

1. 易于操作的把手可防止从手中滑落，并可以快速启动灭火器。
2. 环销和可视封条有助于防止灭火器意外喷射。如果灭火器被拆过，可视封条就会自毁，因而可容易地发现拆过。采用金属环销是为了防止灭火器跌落或误操作时发生意外喷射。
3. 灭火器铭牌仅提供与设备的使用和保养相关的重要信息，例如：
 - 操作说明 - 易于领会的象形图和操作说明使得见习消防队员即可正确操作此设备。
 - 灭火剂标识和火灾类别确定 - 象形图和简单明了的说明显示灭火剂可扑灭的燃料类型。
 - 使用后说明 - 提供给灭火器重新装料的基本步骤。
4. 单片钢外壳由坚固的低碳钢经深冲压制成，具有防碰撞、防振动和耐腐蚀的优点。钢制外壳有一个带凹槽的底座，可保持稳定，并减少腐蚀。铝制外壳型号外壳坚固，但很轻便。
5. 专用的大红粉面漆使设备即使在紧急情况下也很容易定位。这种油漆防裂化和破裂，增强了外壳的耐腐蚀性。
6. 5、10 和 15 磅灭火器提供经美国海岸警卫队批准的车辆固定架，或者提供标准的墙上架托，它适用于各种容量的灭火器，可提供灭火器选择和应用方面的通用性。

订购信息

要获得消防方面的帮助，请查阅当地黄页所列出的离您最近的 Ansul 授权分销商，或与 Ansul 销售代表取得联系。

價格
二氧化碳
滅火器

SENTRY 5



307187

SENTRY 10



307188

SENTRY 15



307189

SENTRY 20



307190

型號	CO51 (圓筒外殼)	CO61 (圓筒外殼)	CO81 (圓筒外殼)	CO141 (圓筒外殼)	CO241 (圓筒外殼)
滅火器零件編號	4059	4059	4059	4052	4052
單位零件編號	2619	2619	2619	2607	2607
滅火劑容量	5 磅 (2.3 公斤)	5 磅 (2.3 公斤)	10 磅 (4.5 公斤)	15 磅 (6.8 公斤)	20 磅 (9.2 公斤)
UL/ULC 等級	5-B	5-B	10-B	15-B	20-B
操作隊伍	類型 BC, 尺寸 I	類型 BC, 尺寸 I	類型 BC, 尺寸 I	類型 BC, 尺寸 II	類型 BC, 尺寸 II
分類	5 英尺 (1.5 米)	5 英尺 (1.5 米)	5 英尺 (1.5 米)	5 英尺 (1.5 米)	5 英尺 (1.5 米)
▲ 額定重量 (空文重)	16.3 磅 (7.4 公斤)	13.2 磅 (6.1 公斤)	24 磅 (10.9 公斤)	41 磅 (18.7 公斤)	51 磅 (23.2 公斤)
▲ 噴射時間 (秒)	10	10	10	11	13
▲ 尺寸:	高度 18 1/2 英寸 (47 厘米)	18 1/4 英寸 (46 厘米)	20 3/4 英寸 (52 厘米)	27 1/4 英寸 (69 厘米)	28 英寸 (71 厘米)
	深度 7 3/8 英寸 (187 毫米)	7 1/4 英寸 (184 毫米)	10 3/8 英寸 (278 毫米)	10 7/8 英寸 (276 毫米)	11 7/8 英寸 (302 毫米)
	15 5/8 英寸 (160 毫米)	5 1/2 英寸 (138 毫米)	7 英寸 (178 毫米)	9 1/8 英寸 (231 毫米)	7 5/8 英寸 (194 毫米)
▲ 裝置	掛油管 (帶有鎖蓋) 掛出管 (帶有鎖蓋)	掛出管 (帶有鎖蓋)	長型外蓋英寸 (164 毫米) 短型外蓋英寸 (164 毫米) 5/8 英寸 (19 毫米) 軟管	長型外蓋英寸 (164 毫米) 短型外蓋英寸 (164 毫米) 5/8 英寸 (19 毫米) 軟管	長型外蓋英寸 (164 毫米) 短型外蓋英寸 (164 毫米) 5/8 英寸 (19 毫米) 軟管
外殼	5 磅 (2.3 公斤) 5 1/4 英寸 (133 毫米) 圓筒外殼	5 1/4 英寸 (133 毫米) 外殼 圓筒外殼	6 2/3 英寸 (172 毫米) 外殼 圓筒外殼	6 2/3 英寸 (172 毫米) 外殼 圓筒外殼	7 1/8 英寸 (188 毫米) 外殼 圓筒外殼
額定工作壓力	201 磅平方英寸 (138 巴)	201 磅平方英寸 (138 巴)	201 磅平方英寸 (138 巴)	180 磅平方英寸 (124 巴)	180 磅平方英寸 (124 巴)
滅火能力	5 平方英尺 操作人員 有經驗的隊員	5 平方英尺 5 平方英尺 33 平方英尺	10 平方英尺 10 平方英尺 25 平方英尺	10 平方英尺 10 平方英尺 25 平方英尺	10 平方英尺 10 平方英尺 25 平方英尺

▲ 單位重量包括滅火器、管、5 年一次 (各種型號)

▲ 滅火能力由 Underwriter Laboratories 經 UL 認證的實驗室測試得出。滅火器由 Underwriter Laboratories 經 UL 認證的實驗室測試得出。

ANSUL 與 SENTRY 是 Ansul Incorporated 或其附屬公司的商標。

SENTRY® CARBON DIOXIDE HAND PORTABLE EXTINGUISHERS

Data/Specifications



FEATURES

- Simple operation and maintenance.
 - Portable, compact design.
 - Non-corrosive, non-conductive, clean extinguishing agent.
 - Steel shell is deep-drawn for higher tensile strength and lighter weight than standard steel shells. The steel shell also has a fluted base design which resists corrosion for a longer service life.
 - Lightweight aluminum shell also available.
 - Both steel and aluminum models are available in 5, 10, 15 and 20 pound sizes.
 - All models are UL listed. Aluminum models are also ULC listed.
 - Five, 10, and 15 pound models with heavy duty vehicle brackets are U.S. Coast Guard approved for marine use. Most other manufacturers' brackets do not meet Coast Guard requirements.
- ▶ ■ Operating temperature range is -40 °F to 120 °F (-40 °C to 49 °C)

APPLICATION

ANSUL Carbon Dioxide Fire Extinguishers are designed to protect areas where Class B (flammable liquids and gases) or Class C (energized electrical equipment) fires could occur. They may be used indoors where winds and drafts do not affect discharge or where a clean extinguishing agent is required.

Typical applications include:

- Laboratories
- Electronic equipment
- Low voltage electrical equipment
- Municipal fire departments

DESCRIPTION

1. The easy grip handle provides non-slip holding and quick activation of the extinguisher.
2. The ring pin and visual seal help prevent unwanted discharge of the extinguisher. If the extinguisher is tampered with, the visual seal self-destructs, making detection of tampering easy. Metal ring pins are designed to help prevent accidental discharge if the extinguisher is dropped or mishandled.
3. The extinguisher nameplate provides only vital information related to the use and care of the unit, such as:
 - Operation instructions – Easy to follow pictographs and instructions allow novice fire fighters to operate the unit correctly.
 - Agent identification and fire class rating – Pictographs and clear, simple statements show what fuels the agent can extinguish.
 - After use instructions – Provide basic steps for extinguisher recharge.
4. The one piece steel shell is deep drawn from tough, low carbon steel to provide resistance to impact, vibration and corrosion. The steel shell has a fluted base for stability and reduced corrosion. The aluminum shell model is sturdy, yet lightweight.
5. The special red powder paint finish makes the unit easy to locate in an emergency. The paint resists cracking and chipping, adding to the corrosion resistance of the shell.
6. The 5, 10 and 15 pound extinguishers are available with a U.S. Coast Guard approved vehicle mounting bracket, or a standard wall hanger is available for all sizes to provide versatility in extinguisher selection and application.

ORDERING INFORMATION

For fire protection assistance, see your nearest authorized ANSUL distributor listed in your local yellow pages or contact your ANSUL sales representative.

SPECIFICATIONS

CARBON DIOXIDE EXTINGUISHERS

SENTRY 5



00170H

SENTRY 10



00170M

SENTRY 15



00170P

SENTRY 20



00170R

Model	CD05A-1 (steel) CD05A-1 (aluminum)	CD10A-1 (steel) CD10A-1 (aluminum)	CD15A-1 (steel) CD15A-1 (aluminum)	CD20A-1 (steel) CD20A-1 (aluminum)
Extinguisher Part No.	431569 26419	431570 79466	431571 79466	431572 26420**
Bracket Part No.				
Agent Capacity	5 lb. (2.3 kg)	10 lb. (4.6 kg)	15 lb. (6.9 kg)	20 lb. (9.2 kg)
UL/ULC Rating	5-B-C	10-B-C	10-B-C	10-B-C
Coast Guard Classification	Type B-C, Size I	Type B-C, Size I	Type B-C, Size II	Type B-C, Size II
Max. Effective Range	6 ft. (1.8 m)	6 ft. (1.8 m)	6 ft. (1.8 m)	6 ft. (1.8 m)
Charged Weight (with agent)	16.3/4 lb. (7.6 kg)	13.1/2 lb. (6.1 kg)	26.3/4 lb. (12.1 kg)	46.3/4 lb. (21.2 kg)
Discharge Time (Sec.)	10	10	11	13
Dimensions:				
Height	18 1/2 in. (470 mm)	18 1/4 in. (464 mm)	20 3/4 in. (527 mm)	28 in. (711 mm)
Width	7.3/8 in. (187 mm)	7.1/4 in. (184 mm)	10.7/8 in. (276 mm)	11.7/8 in. (302 mm)
Depth	6.5/16 in. (169 mm)	5.11/32 in. (136 mm)	6.7/8 in. (175 mm)	7.29/32 in. (201 mm)
Hose	Discharge tube with horn	Discharge tube with horn	36 in. (914 mm) length of 36 in. (914 mm) hose	36 in. (914 mm) length of 36 in. (914 mm) hose
Shell	5.7/32 in. (133 mm) outside diameter aluminum shell	5.1/4 in. (133 mm) outside diameter aluminum shell	6.29/32 in. (172 mm) outside diameter aluminum shell	6.29/32 in. (175 mm) outside diameter aluminum shell
Service Pressure	2015 psi (138 bar)	1800 psi (124 bar)	1800 psi (124 bar)	1800 psi (124 bar)
Fire Suppression Capability*				
Operator Experience	5 sq. ft. 12.5 sq. ft.	5 sq. ft. 12.5 sq. ft.	10 sq. ft. 25 sq. ft.	10 sq. ft. 25 sq. ft.

* Underwriters Laboratories classifies a "novice operator" as one who has little or no experience in operating a fire extinguisher

** Blanket and Coast Guard Approved.

Hydrostatic Test Requirement: Once every 5 years (All Models)

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AFFF WHEELED FIRE EXTINGUISHER DATA SHEET

MODEL CR-AR-33-D

APPLICATION

Wheeled extinguishers are specifically designed for large, high risk areas where the availability of trained personnel is limited. They can be moved from one area to another and can be fully operated by one trained person.

Ansul AR-33 is a polar solvent, alcohol-resistant AFFF. When mixed with fresh, potable water, it will form a highly effective fire extinguishing agent. When applied with the aerating nozzle, it produces a low surface tension foam which quickly blankets flammable liquids. It extinguishes fire by separating it from the fuel source, in doing so blankets the fuel source with a surfactant layer suppressing the vapors and cooling

the fuel. It inhibits fire by preventing the escape of flammable vapors, excluding oxygen from the liquid surface and cooling the hazard area.

The AR-33 agent is used primarily for Class B hydrocarbon fires and polar solvent fires including such fuels as alcohols, ketones, carboxylic acids, aldehydes, and esters. Its excellent wetting characteristics make it useful in combating Class A fires as well.

The CR-AR-33-D wheeled extinguisher is completely self-contained. It requires no foam pumps or proportioners. An attached nitrogen cylinder is the only pressure source required to expel and aerate the pre-mixed solution.

The unit's low profile allows easy access through standard door dimensions.

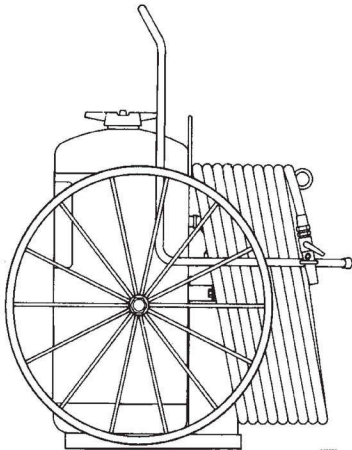
Designed to be compact, mobile, and highly maneuverable, this extinguisher performs in a multitude of environments. Some typical applications are chemical plants, offshore platforms, industrial sites, and aircraft hangars.

DESCRIPTION

- The extinguisher requires no foam pumps. The nitrogen cylinder provides working pressure and assures the correct flow rate.
- The extinguisher does not require a proportioning system, the agent is pre-mixed. It is specifically designed and tested for use with Ansul AR-33 solution.
- The extinguisher holds 33 gallons (125 L) of AFFF/water mixture and has an average flow rate of 30 gallons per minute (113 liters per minute). Recharge is made easy by use of a fill indicator rod which ensures correct water/AFFF recharge ratio.
- This is a UL listed extinguisher with a 20-A:160-B rating and may also be used on polar solvent type fuels.
- This extinguisher is equipped with a fill cap pressure indicator to determine, at a glance, if the unit has been pressurized.
- Optional rubber tires are available for special flooring or for volatile areas to prevent sparks. The wheeled foam extinguisher is corrosion resistant which makes it suitable for corrosive environments.
- This extinguisher is pressurized by merely turning the nitrogen cylinder valve or by pulling the fast lever actuator on the optional Quick-Opening valve.
- For low temperature protection to -40°F (40°C), a specially designed insulated cover and 110 VAC tank heater is available. See "Accessories" on back for details.

SPECIFICATIONS

Agent Container – The extinguisher tank shall be of welded steel construction with elliptically dished heads and circumferential seams. The tank shall be designed and constructed for working pressure of 245 psi (1689 kPa), A 4 in. (102 mm) I.D. fill opening will be fitted to the top of the tank for easy filling. The tank shall have a brass bodied safety relief valve with bursting disc which will vent itself at 450 psi (3103 kPa). The interior of the tank shall be coated with a coal tar epoxy to help prevent corrosion.



Fill Cap – The extinguisher tank shall be provided with one black anodized corrosion resistant indicator fill cap. The cap shall consist of a cast aluminum body equipped with two handles extending from opposite sides of the cap; these permit hand tightening without the use of tools so that it is free from leakage under normal operating pressure. The cap shall be equipped with a 3/32 in. (2.4 mm) thick rubber gasket inserted in a machined recess.

A safety vent hole or slots in the threads shall be located in the fill cap so that the cap is capable of venting while at least 3 1/2 threads are engaged.

A fill indicator assembly shall function as a measuring device for accurate recharge of the wheeled extinguisher.

Nitrogen Cylinder and Valve – The nitrogen cylinder shall be mounted in a vertical position. The method of mounting shall be designed to permit easy access of operation and replacement of the cylinder. It shall be a nitrogen 23 cu. ft. (.65 m³) cylinder.

Each cylinder shall be equipped with a conventional hand wheel nitrogen cylinder valve with visual pressure gauge. An Underwriters Laboratories listed Quick-Opening valve shall be available as an option.

Hoses, Valves and Nozzles – The extinguisher shall have a 1 in. (25 mm) steel ball valve located on the tank between the hose assembly and pick-up tube. The hose shall be 1 in. I.D. x 50 ft. (25 mm x 15 m) long with steel couplings. The nitrogen hose assembly shall be 3/8 in. I.D. (10 mm) with cadmium plated brass couplings. The foam nozzle shall be black anodized aluminum and shall have four aspirator holes. The nozzle ball valve assembly shall be chrome plated brass with a 1 in. I.D. (25 mm) opening.

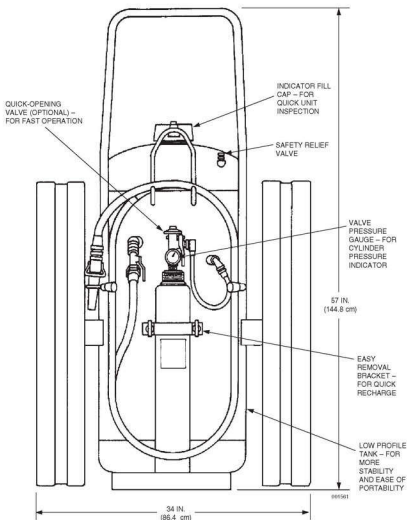
Paint and Nameplates – The nameplate shall be glare-resistant, etched aluminum. It shall contain hazard identification, operating instructions and after-use instructions.

The paint shall be red epoxy for corrosive environments. The red epoxy paint system shall be surface prepared by a near white grit blast SSPL-SP10-63T with both a prime coat and epoxy finish coat to a total dry thickness of 5 mils.

ORDERING INFORMATION

Part No.	Description
69832	CR-AR-33-D Shipping Assembly (corrosion resistant)
69835	RT-CR-AR-33-D Shipping Assembly (rubber tires – corrosion resistant)

NOTE: The Quick-Opening valve is an option that must be specified when ordering.



ACCESSORIES

For low temperature protection to -40 °F (40 °C), use a specially designed insulated cover, Ansul Part No. 56112, in conjunction with a 110 VAC tank heater. The customized tank heater can be purchased through Ash Equipment Co., Ash Part No. 06054081, (630) 406-0300.

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