

## RED LINE Wheeled Extinguisher Models 150-D, 350-D

### Features

- Listed by Underwriters Laboratories (UL), Underwriters Laboratories of Canada (ULC)
- Factory Mutual (FM) and United States Coast Guard (USCG) approved
- Three ANSUL® dry chemical suppressing 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
- Indicator fill cap pops up red stem when unit is pressurized
- Stock models available for immediate delivery (no options)
- Options:
  - long range nozzle
  - quick-opening nitrogen cylinder valve
  - wide wheels
  - rubber coated tires (some models)
  - low temperature ULC models
  - 100 ft (30 m) hose on most models
- 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 suppressing agents giving them the versatility to protect many types of fire hazards.

The wheeled extinguisher is completely self-contained. An attached nitrogen cylinder is the only pressure source required to completely expel the fire suppressing 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       | ■ Loading racks                  |
| ■ Dip and quench tanks     | ■ Airports                       |
| ■ Offshore platforms       | ■ Heavy manufacturing operations |
| ■ Fuel storage areas       | ■ Oil refineries                 |
| ■ LNG operations           | ■ Petrochemical plants           |
| ■ Government installations |                                  |

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



005540

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



005769

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



006447

### 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. (102 mm) ID fill opening. The tank head has a brass bodied safety relief with bursting disc which vents 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 ft<sup>3</sup> (0.65 m<sup>3</sup>) for the 150-D and 55 ft<sup>3</sup> (1.55 m<sup>3</sup>) for the 350-D.

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.

## Description (Continued)

**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 primer. The top coat is a super durable polyester powder paint and oven cured. The fill cap and nozzle body are black anodized for added corrosion-resistance.

**Temperature** – Standard models 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).

## RED LINE Wheeled Fire Extinguishers – Model 150-D

Model UL (Part No.)	CR-I-150-D (53868)	CR-LR-I-150-D <sup>1</sup> (55355)	CR-I-K-150-D (53874) (439717)*	CR-LR-I-K-150-D <sup>1</sup> (55357)	CR-I-A-150-D-1 (435050) (439913)*	—	—
Model ULC (Part No.)	CR-I-150-D (435318)	— —	CR-I-K-150-D (435332)	— —	CR-I-A-150-D-1 (435052)	CR-LT-I-K-150-D-1 (435334)	CR-LT-I-A-150-D-1 (435054) (441627)*
Arabic Model UL (Part No.)	CR-I-150-D (435816)	—	CR-I-K-150-D (435817)	—	CR-I-A-150-D-1 (438634)	—	—
Spanish Model UL (Part No.)	—	—	CR-I-K-150-D (54564)	—	—	—	—
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	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	320-B:C	30-A:240-B:C
Listings/ Approvals	UL/ULC, FM, USCG	UL, FM, USCG	UL/ULC, FM, USCG	UL, FM, USCG	UL/ULC, FM, USCG	ULC, FM	ULC, FM
Discharge Time	47 s	42 s	48 s	39 s	49 s	51 s	49 s
Effective Range	25 ft (7.6 m)	35 ft (10.7 m)	25 ft (7.6 m)	35 ft (10.7 m)	25 ft (7.6 m)	25 ft (7.6 m)	25 ft (7.6 m)
Agent Flow Rate	2.9 lb/s (1.31 kg/s)	4.1 lb/s (1.86 kg/s)	2.6 lb/s (1.17 kg/s)	3.96 lb/s (1.8 kg/s)	2.57 lb/s (1.17 kg/s)	2.6 lb/s (1.17 kg/s)	2.57 lb/s (1.17 kg/s)
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)	329 lb (149.2 kg)	329 lb (149.2 kg)
Dimensions: Height:	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)	45.5 in. (1156 mm)	45.5 in. (1156 mm)
Width:	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)
Depth:	36 in. (914 mm)	36 in. (914 mm)	36 in. (914 mm)	36 in. (914 mm)	36 in. (914 mm)	36 in. (914 mm)	36 in. (914 mm)
<b>Note:</b> <sup>[1]</sup> Long range nozzles are specifically designed to fight pressure fires (flammable liquids or gases under pressure).				* Stock models (without options) available for immediate shipment.			

## RED LINE Wheeled Fire Extinguishers – Model 350-D

Model UL (Part No.)	CR-I-350-D (53879)	CR-LR-I-350-D <sup>1</sup> (54133)	CR-I-K-350-D (53887)  CR-RT-I-K-350-D (54521)	CR-LR-I-K-350-D <sup>1</sup> (54134)  CR-LR-RT-I-K- 350-D <sup>1</sup> (54529)	CR-I-A-350-D-1 (435056)	—	—
Model ULC (Part No.)	CR-I-350-D (435320)	— —	CR-I-K-350-D (435336)	— —	CR-I-A-350-D-1 (435058)	CR-LT-I-K- 350-D (435338)	CR-LT-I-A- 350-D-1 (435060)
Arabic Model UL (Part No.)	—	—	—	—	—	—	—
Spanish Model UL (Part No.)	—	—	CR-I-K-350-D (54573)	—	—	—	—
Capacity/Agent	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	300 lb (136.4 kg)/ Purple-K	300 lb (136.4 kg)/ FORAY
UL/ULC Rating	320-B:C	120-B:C	640-B:C	160-B:C	40-A:320-B:C	640-B:C	40-A:320-B:C
Listings/ Approvals	UL/ULC, FM, USCG	UL, FM, USCG	UL/ULC, FM, USCG	UL, FM, USCG	UL/ULC, FM, USCG	ULC, FM	ULC, FM
Discharge Time	59 s	42 s	80 s	38 s	56 s	80 s	56 s
Effective Range	30 ft (9.1 m)	40 ft (12.2 m)	30 ft (9.1 m)	40 ft (12.2 m)	30 ft (9.1 m)	30 ft (9.1 m)	30 ft (9.1 m)
Agent Flow Rate	6 lb/s (2.72 kg/s)	8 lb/s (3.64 kg/s)	3.8 lb/s (1.72 kg/s)	8 lb/s (3.64 kg/s)	5.3 lb/s (2.4 kg/s)	3.8 lb/s (1.72 kg/s)	5.3 lb/s (2.4 kg/s)
Charged Weight (with agent) and Shipping Weight	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)	690 lb (313.0 kg)	690 lb (313.0 kg)
Dimensions: Height:	57 in. (1448 mm)	57 in. (1448 mm)	57 in. (1448 mm)	57 in. (1448 mm)	57 in. (1448 mm)	57 in. (1448 mm)	57 in. (1448 mm)
Width:	34 in. (864 mm)	34 in. (864 mm)	34 in. (864 mm)	34 in. (864 mm)	34 in. (864 mm)	34 in. (864 mm)	34 in. (864 mm)
Depth:	47 in. (1194 mm)	47 in. (1194 mm)	47 in. (1194 mm)	47 in. (1194 mm)	47 in. (1194 mm)	47 in. (1194 mm)	47 in. (1194 mm)
<b>ABBREVIATIONS</b> 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				<b>Note:</b> <sup>[1]</sup> Long range nozzles are specifically designed to fight pressure fires (flammable liquids or gases under pressure).			

## Low Temperature Models (ULC)

Model No. ULC (Part No.)	CR-LT-I-K-150-D (435334)	CR-LT-I-A-150-D-1 (435054)	CR-LT-I-K-350-D (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
Listings/ Approvals	ULC, FM	ULC, FM	ULC, FM	ULC, FM
Fire Suppression Capability <sup>2</sup>				
Novice Operator	320 ft <sup>2</sup> (29.7 m <sup>2</sup> )	240 ft <sup>2</sup> (22.3 m <sup>2</sup> )	640 ft <sup>2</sup> (59.5 m <sup>2</sup> )	240 ft <sup>2</sup> (22.3 m <sup>2</sup> )
Experienced Operator	800 ft <sup>2</sup> (74.3 m <sup>2</sup> )	600 ft <sup>2</sup> (55.7 m <sup>2</sup> )	1600 ft <sup>2</sup> (148.6 m <sup>2</sup> )	600 ft <sup>2</sup> (55.7 m <sup>2</sup> )
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 s	49 s	80 s	56 s
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/s (1.17 kg/s)	2.57 lb/s (1.17 kg/s)	3.8 lb/s (1.72 kg/s)	5.3 lb/s (2.4 kg/s)
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 (30 m) (available without UL approval)	N/A	1 in. x 100 ft (30 m) (available without UL approval)	1 in. x 100 ft (30 m) (available without UL approval)
Quick-Opening Valve	X	X	X	X
Wide Wheels	N/A	N/A	Standard	Standard
Rubber Tire	Standard	Standard	X	X
<b>ABBREVIATIONS</b> A FORAY Agent                      LR Long Range <sup>1</sup> CR Corrosion-Resistant          LT Low Temperature I Indicator Fill Cap                RT Rubber Tire K Purple-K Agent                  WW Wide Wheel			<b>Notes:</b> [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.	

**Note:** The converted metric values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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