

RED LINE Portable Class D Extinguishers

Features

- Rugged, durable, reliable fire protection.
- Ergonomically designed for maximum operator performance.
- Simple and safe operation.
- Maintenance checks can be made on all moving parts.
- Field rechargeable.
- Models 30 lb, 150 lb, and 350 lb available.
- Class D portable extinguishers are offered with MET-L-X, LITH-X, and MET-L-KYL dry powder agents.
- MET-L-X models meet or exceed requirements of ANSI/UL 299 and 711, or ULC S504 and S508. Wheeled models are UL/FM Approved.
- Manual and parts list available.
- Hand portable has twelve-year limited warranty.
- Wheeled unit has six-year limited warranty.
- Sold and serviced through our network of independent distributors in every state and most countries throughout the world.
- Large three-inch fill opening allows for fast and easy recharge.

Applications

RED LINE Class D dry powder extinguishers are designed for the protection of facilities where combustible and alkali metals, metal powders, and metal dust are used, processed, stored or handled. Once ignited, most of these materials will react violently with water. RED LINE Wheeled Fire Extinguishers are strategically located to provide maximum protection while taking up a minimum of space and requiring only one trained person for operation.

MET-L-X dry powder suppressing agent may be used on sodium, potassium alloy, and magnesium fires.

LITH-X dry powder suppressing agent was developed for use on lithium fires, and will also suppress magnesium, sodium, and potassium fires.

MET-L-KYL dry powder suppressing agent was developed for use on Class D fires involving most trialkyl aluminums. Most of these metal-organic compounds are pyrophoric liquids that ignite on contact with air such as triethylaluminum.

Description - Hand Portable Extinguisher

- The rugged dry chemical shell is a three piece steel assembly consisting of a seamless welded tube with a spun top, a bottom closure and a machined collar.
- Forged, non-slip aluminum handle positions the extinguisher at optimum 45° angle for easy carrying. Handle is spring loaded to prevent movement during vibration.



- Each finished shell assembly is hydrostatically tested at three times the operating pressure (600 psi (41.4 bar)) and is designed to withstand a pressure of no less than six times the normal operating pressure.
- Cartridge receiver is made of cast aluminum with a stainless steel insert to prevent thread wear.
- Stainless steel puncture pin is sealed with impregnated felt washers which seal against moisture and provide lubrication to the pin.
- Split nameplates are etched aluminum with a varnish coating to provide durability, readability and corrosion resistance.
- Large forged aluminum fill cap with indicator seals the shell, protecting the agent from contamination. A tamper seal may also be attached to the fill cap to prevent tampering with the agent.
- Flat gasket and quad ring on fill cap provide a gas and moisture tight seal.

Description - Wheeled Extinguisher

- The extinguisher agent 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 (Inside Diameter) fill opening.
- The nitrogen cylinder is mounted in a vertical position and permits easy access. Volumes are 110 ft³ (3.11 m³) for the 150-C and 220 ft³ (6.23 m³) for the 350-C.
- Each cylinder is equipped with a conventional hand wheel nitrogen cylinder valve and visual pressure gauge. The valve is UL Listed.
- 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.

Technical Specifications

Model	MET-L-X	LITH-X	MET-L-KYL	MET-L-X	LITH-X	MET-L-KYL	MET-L-X	LITH-X	MET-L-KYL	MET-L-X	LITH-X	MET-L-KYL
Model name	MX-I-30-G EXT	LX-I-30-G EXT	ML-I-30-G EXT	CR-MX-150-C	CR-I-LX-150-C	CR-I-ML-150-C	CR-MX-350-C	CR-I-LX-350-C	CR-I-ML-350-C	CR-I-LX-350-C	CR-I-LX-350-C	CR-I-ML-350-C
Extinguisher Part Number UL	418288	418290	418291	417269	417268	417270	417274	417277	417276			
Extinguisher Part Number ULC	447651	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Agent Capacity	30 lb (13.6 kg)	25 lb (11.3 kg)	30 lb (13.6 kg)	150 lb (68.0 kg)	135 lb (61.2 kg)	150 lb (68.0 kg)	350 lb (159.0 kg)	315 lb (143.0 kg)	350 lb (159.0 kg)			
UL/ULC Rating	UL, ULC	N/A ¹	N/A ¹	UL, FM	N/A ¹	N/A ¹	UL, FM	N/A ¹	N/A ¹			
Discharge Time	20.0 s	20.2 s	24.5 s	65 s	65 s	74 s	145 s	145 s	155 s			
Maximum Effective Range	13 ft (3.9 m)	13 ft (3.9 m)	25 ft (7.6 m)	14 ft (4.3 m)	20 ft (6.1 m)	25 ft (7.6 m)	14 ft (4.3 m)	20 ft (6.1 m)	25 ft (7.6 m)			
Operating Temperature Range	-40°F to 120°F (-40°C to 49°C)	-40°F to 120°F (-40°C to 49°C)	-65°F to 120°F (-54°C to 49°C)	-40°F to 120°F (-40°C to 49°C)	-40°F to 120°F (-40°C to 49°C)	-40°F to 120°F (-40°C to 49°C)	-40°F to 120°F (-40°C to 49°C)	-40°F to 120°F (-40°C to 49°C)	-40°F to 120°F (-40°C to 49°C)			
Agent Flow Rate	1.1 lb/s	1.1 lb/s	1.2 lb/s	2.2 lb/s (1 kg/s)	2.2 lb/s (1 kg/s)	2.0 lb/s (1 kg/s)	2.1 lb/s (1 kg/s)	2.1 lb/s (1 kg/s)	2.1 lb/s (1 kg/s)			
Charged Weight (with agent)	55 lb (25 kg)	49 lb (22 kg)	53 lb (24 kg)	468 lb (212 kg)	453 lb (205 kg)	468 lb (212 kg)	948 lb (430 kg)	913 lb (415 kg)	948 lb (430 kg)			
Dimensions:												
Height	22.5 in. (572 mm)	22.5 in. (572 mm)	22.5 in. (572 mm)	52 in. (1321 mm)	52 in. (1321 mm)	52 in. (1321 mm)	60 in. (1524 mm)	60 in. (1524 mm)	60 in. (1524 mm)			
Width	11.1 in. (283 mm)	11.1 in. (283 mm)	11.1 in. (283 mm)	29 in. (737 mm)	29 in. (737 mm)	29 in. (737 mm)	35.5 in. (902 mm)	35.5 in. (902 mm)	35.5 in. (902 mm)			
Depth	8.0 in. (203 mm)	8.0 in. (203 mm)	8.0 in. (203 mm)	42 in. (1067 mm)	42 in. (1067 mm)	42 in. (1067 mm)	46.5 in. (1181 mm)	46.5 in. (1181 mm)	46.5 in. (1181 mm)			

LX - LITH-X

MX - MET-L-X

ML - MET-L-KYL

¹ May be used on materials noted on front nameplate.

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